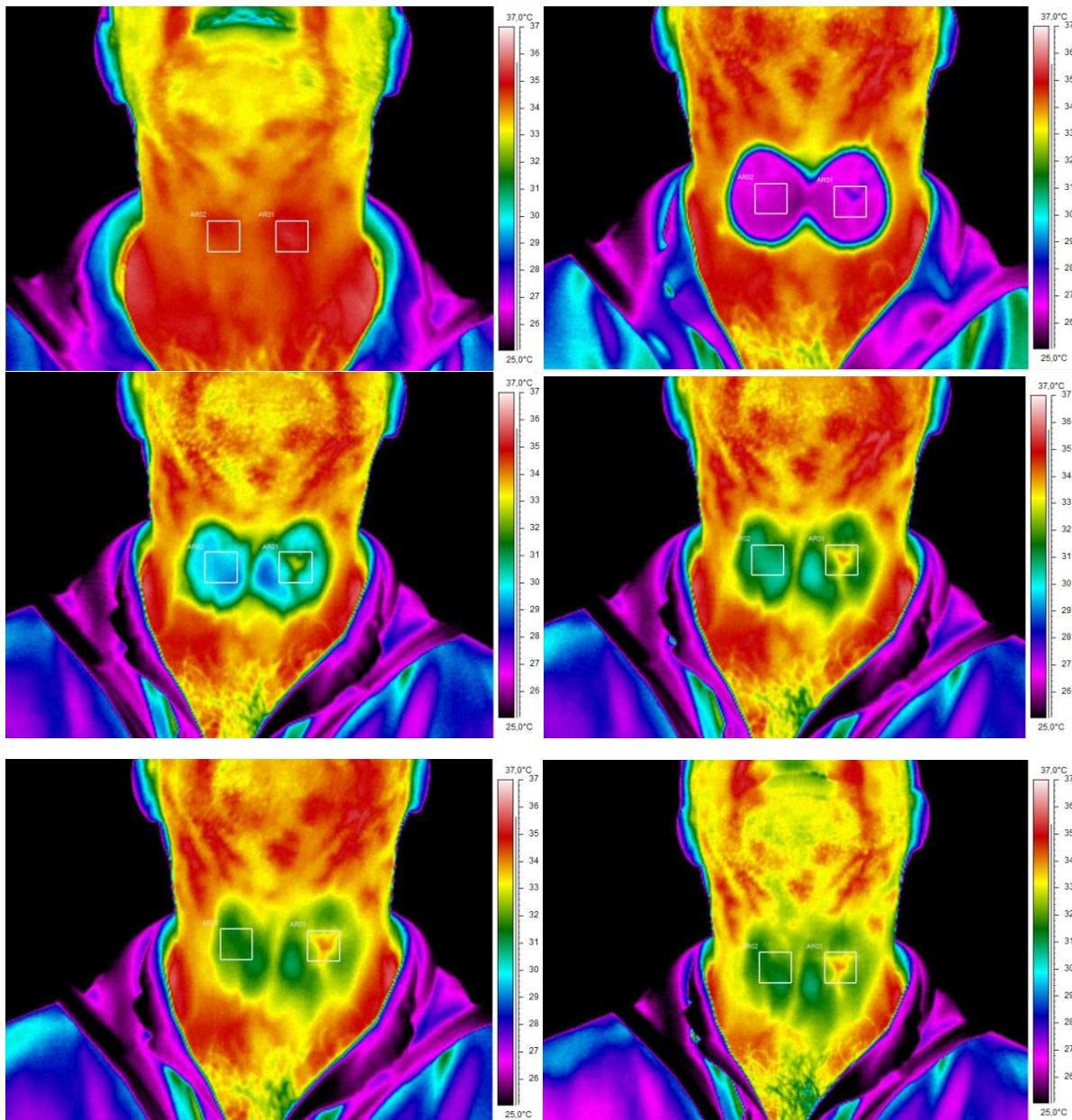


Published papers on **THERMOLOGY** or **TEMPERATURE MEASUREMENT** 2019 - 2020

Volume 6A



an index of publications computed by Prof Kurt Ammer MD, PhD

updated 05.05.2021

- Aalaei S, Amini S, Keramati MR, Shahraki H, Eslami S. Monitoring of Storage and Transportation Temperature Conditions in Red Blood Cell Units: A Cross-Sectional Study. *Indian Journal of Hematology and Blood Transfusion* 2019; 35 (2): 304-312.
- Aarthy SL, Prabu S. Classification of breast cancer based on thermal image using support vector machine. *International Journal of Bioinformatics Research and Applications* 2019; 15 (1): 51-67.
- Abdal AK, Al-Jubori SS, Muslim SN, Screening purification of tannase produced from Iraqi Klebsiella pneumonia isolates and its role in enhancement of biofilm inhibition formed by Enterobacteriaceae isolates. *Annals of Tropical Medicine and Public Health* 2020; 23 (6) 630-640.
- Abecia JA, María GA, Estévez-Moreno LX, Miranda-De La Lama GC. Daily rhythms of body temperature around lambing in sheep measured non-invasively. *Biological Rhythm Research* 2020; 51 (6) 988-993.
- Abed E, D'Amico G, Rossi S, Perna A, Bianchi MLE, Silvestri G. Spectral domain optical coherence tomography findings in myotonic dystrophy. *Neuromuscular Disorders* 2020; 30 (2) 144-150.
- Abed Z, Beik J, Laurent S, Eslahi N, Khani T, Davani ES, Ghaznavi H, Shakeri-Zadeh A. Iron oxide–gold core–shell nano-theranostic for magnetically targeted photothermal therapy under magnetic resonance imaging guidance. *Journal of Cancer Research and Clinical Oncology* 2019; 145 (5): 1213-1219.
- Abernethy K, Sivakumar P, Patrick T, Robbie H, Periselneris J, Coexistent COVID-19 pneumonia and pulmonary embolism: Challenges in identifying dual pathology. *Thorax* 2020; 75 (9) 812-814.
- Acharya S, Ali SI, Anwar S, Glaser A, DO NOT FALL to the VAPE TRAP! *Respiratory Medicine Case Reports* 2020; 31: art. no. 101165.
- Adibzadeh F, Sumser K, Curto S, Yeo DTB, Shishegar AA, Paulides MM, Systematic review of pre-clinical and clinical devices for magnetic resonance-guided radiofrequency hyperthermia. *International Journal of Hyperthermia* 2020; 37 (1) 15-27.
- Adrogué AH, Mithani F, Ibrahim HN, Schwartz MR, Gaber L, Hebert SA, Adrogué HE, A Kidney Transplant Recipient With Coronavirus Disease 2019: Utility of a Prognostication Score. *Transplantation Proceedings* 2020; 52 (9) 2688-2692.
- Agarwal P, Sharma D, Commentary on "Postoperative monitoring of free flaps using a low-cost thermal camera: a pilot study" by Hummelink S Kruit AS van Vlaenderen ARW Schreinemachers MJM Steenbergen W & Ulrich DJO. *European Journal of Plastic Surgery* 2020; 43 (6) 875-876.
- Ageeva AI, Kulikov AG, Volovets SA, Gerasimenko MY, Yarustovskaya OV. Gonarthrosis concurrent with chronic venous insufficiency: a new look at therapy. *Voprosy kurortologii fizioterapii i lechebnoi fizicheskoi kultury* 2019; 96 (5): 29-35
- Ahmad S, Abbasi WM, Rehman T. Evaluation of antipyretic activity of Belladonna and Pyrogenium ultrahigh dilutions in induced fever model: Antipyretic effects of Belladonna and Pyrogenium. *Journal of Complementary and Integrative Medicine* 2019; 16 (1), art. no. 0127.
- Ahmed A, Usman M, Yu B, Ding X, Peng Q, Shen Y, Cong H, Efficient photocatalytic degradation of toxic Alizarin yellow R dye from industrial wastewater using biosynthesized Fe nanoparticle and study of factors affecting the degradation rate. *Journal of Photochemistry and Photobiology B: Biology* 2020; 202 art. no. 111682.
- Ahn S-Y, Baek S-E, Park EJ, Kim H-W, Ryuk J-A, Yoo J-E. Effects of danggijakyaksan on lower-extremity blood circulation disturbances in climacteric and postmenopausal women: Study protocol for a randomized double-blind placebo-controlled pilot trial. *Medicine (United States)* 2019;98 (37), art. no. e17039.
- Ahsan MJ, Ahmad S, Latif A, Reddy JT. Chryseobacterium spp-associated bacteraemia in a haemodialysis patient: a diagnostic challenge. *BMJ Case Reports* 2019; 12 (11), art. no. 232000

Akagi Y, Awano N, Inomata M, Kuse N, Tone M, Yoshimura H, Jo T, Takada K, Kumasaka T, Izumo T. Hemophagocytic lymphohistiocytosis in a patient with rheumatoid arthritis on pembrolizumab for lung adenocarcinoma. *Internal Medicine* 2020; 59 (8) 1075-1080.

Akbas YA, Yusun S, Development and characterization of non-treated and chemically modified olive pomace biosorbents to remove Ce(III) ions from aqueous solutions. *Journal of Radioanalytical and Nuclear Chemistry* 2020; 323 (2) 763-772.

Aklan B, Zilles B, Paprottka P, Manz, K, Pfirrmann M, Santl M, Abdel-Rahman S, Lindner LH. Regional deep hyperthermia: quantitative evaluation of predicted and direct measured temperature distributions in patients with high-risk extremity soft-tissue sarcoma. *International Journal of Hyperthermia* 2019; 36 (1): 170-185.

Aksu C, Kus A, Topbaş, Ö, Erdogan S, Gürkan Y. Perioperative hypothermia incidence: Where are we after 5 years? *Anestezi Dergisi* 2019; 27 (3): 198-203.

Alahakoon C, Fernando M, Galappaththy C, Matthews EO, Lazzarini P, Moxon JV, Golledge J. Meta-analyses of randomized controlled trials reporting the effect of home foot temperature monitoring patient education or offloading footwear on the incidence of diabetes-related foot ulcers. *Diabetic Medicine* 2020; 37 (8) 1266-1279.

Alaje EO, Udo EH, Akande PA, Odey FA. Meremikwu MM. Ibuprofen versus paracetamol for treating fever in preschool children in Nigeria: a randomized clinical trial of effectiveness and safety., *The Pan African Medical Journal* 2020; 36 p, 350.

Alayat MS, Elsodany AM, Miyajan AF, Alzhrani AA, Alzhrani HMS, Maqlyah AM. Changes in local skin temperature after the application of a pulsed Nd:YAG laser to healthy subjects: a prospective crossover controlled trial. *Lasers in Medical Science* 2019; 34 (8): 1681-1688.

Alderliesten JB, Duxbury SJN, Zwart MP, De Visser JAGM, Stegeman A, Fischer EAJ, Effect of donor-recipient relatedness on the plasmid conjugation frequency: A meta-analysis. *BMC Microbiology* 2020; 20 (1) art. no. 135.

Alemanno G, Tomaiuolo M, Peris A, Batacchi S, Nozzoli C, Prosperi P. Surgical perspectives and pathways in an emergency department during the COVID-19 pandemic. *American Journal of Surgery* 2020; 220 (1) 50-52.

Alexander J, Rhodes D. Temporal patterns of knee-extensor isokinetic torque strength in male and female athletes following comparison of anterior thigh and knee cooling over a rewarming period. *Journal of Sport Rehabilitation* 2020; 29 (6) 723-729.

Alexander J, Selfe J, Rhodes D, Fowler EM, May KA, Richards J. Mapping of skin surface sensitivity and skin surface temperature at the knee over a re-warming period following cryotherapy. *Journal of Quantitative Research in Rehabilitation Medicine* 2019, 2(1), 1-5

Alexiades M. Microneedle Radiofrequency. *Facial Plastic Surgery Clinics of North America* 2020; 28 (1) 9-15.

Alfieri FM, da Silva Dias C, de Oliveira Vargas e Silva NC, dos Santos ACA, Battistella LR. Comparison of iOS smartphone-attached infrared camera and conventional FLIR camera for human temperature measurement: An agreement study. *Thermology International* 2020; 30 (3) 91-96.

Alfieri FM, Da Silva Dias C, Dos Santos ACA, Battistella LR. Comparison of sensitivity and plantar cutaneous temperature of patients with stroke and Diabetes Mellitus: A pilot case-control study. *Technology and Health Care* 2020; 28 (2) 129-134.

Alfieri FM, de Oliveira Vargas e Silva NC, dos Santos ACA, Battistella LR. Cutaneous temperature and pressure pain threshold in individuals with knee osteoarthritis. *Reumatologia* 2020; 58 (5) 272-276.

Alfieri FM, Dias CDS, Santos ACAD, Battistella LR. Acute Effect of Robotic Therapy (G-EO System™) on the Lower Limb Temperature Distribution of a Patient with Stroke Sequelae. *Case Reports in Neurological Medicine*, 2019, 8408492

Alfieri FM, Lima ARS, Battistella LR, de Oliveira Vargas e Silva NC. Superficial temperature and pain tolerance in patients with chronic low back pain. *Journal of Bodywork and Movement Therapies* 2019; 23 (3): 583-587.

Alhaidary D, Franzen R, Hilgers R-D, Gutknecht N. First Investigation of Dual-Wavelength Lasers (2780 nm ErCr:YSGG and 940 nm Diode) on Implants in a Simulating Peri-Implantitis Situation Regarding Temperature Changes in an in Vitro Pocket Model. *Photobiomodulation Photomedicine and Laser Surgery* 2019; 37 (8): 508-514.

Ali SME, Fatima S. Plan for blood banks to protect blood donors and healthcare workers during COVID-19 pandemic. *Hematology Transfusion and Cell Therapy* 2020; 42 (4) 316-317.

Aliahmad B, Tint AN, Poosapadi Arjunan S, Rani P, Kumar DK, Miller J, Zajac JD, Wang G, Ekinci EI. Is Thermal Imaging a Useful Predictor of the Healing Status of Diabetes-Related Foot Ulcers? A Pilot Study. *Journal of Diabetes Science and Technology* 2019; 13 (3): 561-567.

Ali-Ahmed F, Goyal V, Patel M, Orelaru F, Haines DE, Wong WS. High-power low-flow short-ablation duration—the key to avoid collateral injury? *Journal of Interventional Cardiac Electrophysiology* 2019; 55 (1): 9-16.

Alivar A, Faridi P, Prakash P, Natarajan B. An enhanced hybrid MRI thermometry technique for monitoring microwave thermal therapy. *Progress in Biomedical Optics and Imaging - Proceedings of SPIE* 2019; 10951, art. no. 109512P

Allen DR, Huang M, Morris NB, Chaseling GK, Frohman EM, Jay O, Davis SL. Impaired Thermoregulatory Function during Dynamic Exercise in Multiple Sclerosis. *Medicine and Science in Sports and Exercise* 2019; 51 (3): 395-404

Allen SP, Steeves T, Fergusson A, Moore D, Davis RM, Vlaisialjevich E, Meyer CH. Novel acoustic coupling bath using magnetite nanoparticles for MR-guided transcranial focused ultrasound surgery. *Medical Physics* 2019; 46 (12): 5444-5453

Allene MD. Postoperative hypothermia and associate factors at Debre Berhan comprehensive specialized hospital 2019: A cross sectional study. *International Journal of Surgery Open* 2020; 24 112-116.

Almeida ALM, Perger ELP, Gomes RHM, Sousa GDS, Vasques LH, Rodokas JEP, Olbrich Neto J, Simões RP. Objective evaluation of immediate reading skin prick test applying image planimetric and reaction thermometry analyses. *Journal of Immunological Methods* 2020; 487: art. no. 112870.

Almeida jr H, De Andrade Bastos A, Martins FJA , De Souza RF, Martins COD, Da Silva AG, Sousa TA, Regi RP. Comparison of the thermal profile of judokas and Brazilian jiu-jitsu athletes. *Journal of Physical Education & Sport* 2019, 19 (Suppl1) 3 – 7

Al-Sadr H, Popescu M, Keller JM. Early Sepsis Recognition Based on Ear Localization using Infrared Thermography. *Proceedings - 2018 IEEE International Conference on Bioinformatics and Biomedicine BIBM* 2019, art. no. 8621167: 823-830

Alsakkal M, Al-Khateeb M, Alhalaby M, Khouri L. Hepatitis-associated aplastic anemia: A report of 3 cases associated with HAV. *Journal of Pediatric Hematology/Oncology* 2019; 41 (3): E164-E166.

Alshahrani A. Readiness of community pharmacists to play a supportive and advocacy role in the fight against corona virus disease. *Risk Management and Healthcare Policy* 2020; V13: 3121-3133.

Alston RP, Connelly M, MacKenzie C, Just G, Homer N. The depth of anaesthesia associated with the administration of isoflurane 2.5% during cardiopulmonary bypass. *Perfusion (United Kingdom)*, 2019; 34 (5): 392-398.

Alston TA. Anesthesia-related Ramifications of Benjamin Franklin's Ether-based Refrigeration. *Journal of Anesthesia History* 2020; 6 (2) 29-34.

Altindis T, Güngörümüs M. Thermographic evaluation of occlusal splint and low level laser therapy in myofascial pain syndrome. *Complementary Therapies in Medicine* 2019; 44: 277-281.

- Altunay N, Elik A, Bingöl D. Simple and Green Heat-Induced Deep Eutectic Solvent Microextraction for Determination of Lead and Cadmium in Vegetable Samples by Flame Atomic Absorption Spectrometry: a Multivariate Study. *Biological Trace Element Research* 2020; 198 (1) 324-331.
- Alvarez-Prats D, Carvajal-Fernández, O, Valera Garrido F, Pecos-Martín D, García-Godino A, Santafe MM, Medina-Mirapeix F. Acupuncture Points and Perforating Cutaneous Vessels Identified Using Infrared Thermography: A Cross-Sectional Pilot Study. *Evidence-based Complementary and Alternative Medicine* 2019, ,
- Alwetaishi M, Taki A. Investigation into energy performance of a school building in a hot climate: Optimum of window-to-wall ratio. *Indoor and Built Environment* 2020; 29 (1) 24-39.
- Amano M, Namiki T, Munetsugu T, Nakamura M, Hashimoto T, Fujimoto T, Yokozeki H. Dyshidrosis associated with diabetes mellitus: Hypohidrosis associated with diabetic neuropathy and compensated hyperhidrosis. *Journal of Dermatology* 2019; 46 (8): e292-e293.
- Amaro AM, Paulino MF, Neto MA, Roseiro L. Hand-arm vibration assessment and changes in the thermal map of the skin in tennis athletes during the service. *International Journal of Environmental Research and Public Health* 2019; 16 (24), art. no. 5117.
- Ammer K, Ring F. Historical "maps" of human skin temperature. *Thermology International* 2019; 29 (2): 53-59.
- Ammer K. Awareness of measurement uncertainty is the first step to reduce the uncertainty but one can't get rid of it. *Thermology International* 2020; 30 (3) 81-82.
- Ammer K. Employment of FLIR ONE Infrared Cameras in Medicine- A literature overview. *Thermology international* 2020; 30(4): 128-145
- Ammer K. Medical Thermology 2018 - A computer-assisted literature survey. *Thermology International* 2019; 29 (1): 7-39.
- Ammer K. Medical Thermology 2019 - a computer-assisted literature survey. *Thermology International* 2020; 30 (1) 7-36.
- Ammer K. Methods of Scoring the TISEM-Checklist with an Example of Application. *Thermology international* 2019, 29(4) 127-135
- Ammer K. Obituary: Hooshang Hooshmand1934-2019. *Thermology international* 2019, 29(3) 115
- Ammer K. Obituary: Prof Edward Francis John Ring 1935-2019. *Thermology international* 2019, 29(3) 108-110
- Ammer K. Should we perpetuate misconceptions of the past? *Thermology International* 2020; 30 (2) 47-50.
- Ammer K. Sonography and Thermography in the Painful Shoulder Syndrome. Review of the book: "Sonografické a Termografické Nalezy Ramena" by Jozef Gabrhel. *Thermology international* 2020; 30(4): 146
- Ammer K. The most cited article from thermology international in the period 2000 to 2018. *Thermology international* 2019, 29(2) 62
- Amrani G, Peko L, Hoffer O, Ovadia-Blechman Z, Gefen A. The microclimate under dressings applied to intact weight-bearing skin: Infrared thermography studies. *Clinical Biomechanics* 2020; 75 art. no. 104994.
- Amson H, Vacheron C-H, Thiolliere F, Piriou V, Magnin M, Allaouchiche B, Core-to-skin temperature gradient measured by thermography predicts day-8 mortality in septic shock: A prospective observational study. *Journal of Critical Care* 2020; 60 294-299.
- An J, Elhenawy AM, Acceleration-induced acute type A aortic dissection in the sky: 10-year follow-up. *Journal of Cardiac Surgery* 2020; 35 (5) 1112-1114.
- An J, Lee I, Yi Y. The thermal effects of water immersion on health outcomes: An integrative review. *International Journal of Environmental Research and Public Health* 2019; 16 (7), art. no. 1280.

Andreeva V, Vinarov A, Yaroslavsky I, Kovalenko A, Vybornov A, Rapoport L, Enikeev D, Sorokin N, Dymov A, Tsarichenko D, Glybochko P, Fried N, Traxer O, Altshuler G, Gapontsev V. Preclinical comparison of superpulse thulium fiber laser and a holmium:YAG laser for lithotripsy. *World Journal of Urology* 2020; 38 (2) 497-503.

Andreychyn MA, Kopcha VS, Klymnyuk SI, Andreichyn IM, Kopcha YV, Halamba AA. Thermographic differential diagnosis of acute tonsillitis and exacerbation of chronic tonsillitis. *Wiadomosci lekarskie* (Warsaw Poland) 2020; 73 (3) 417-422.

Andrikopoulos S, Johnson G, The Australian response to the COVID-19 pandemic and diabetes – Lessons learned. *Diabetes Research and Clinical Practice* 2020; 165 art. no. 108246.

Aninagyei E, Abraham J, Atiiga P, Antwi SD, Bamfo S, Acheampong DO. Evaluating the potential of using urine and saliva specimens for malaria diagnosis in suspected patients in Ghana, *Malaria Journal* 2020; 19 (1) art. no. 349.

Annink KV, Groenendaal F, Cohen D, van der Aa NE, Alderliesten T, Dudink J, Benders MJNL, Wijnen JP. Brain temperature of infants with neonatal encephalopathy following perinatal asphyxia calculated using magnetic resonance spectroscopy. *Pediatric Research* 2020; 88 (2) 279-284.

Anonymous, Fever of unknown origin. *Journal of Hospital Medicine* 2020; 15 41-42.

Anonymous. Ecology and Medicine, *JAMA - Journal of the American Medical Association* 2020; 324 (20) p, 2109.

Anonymous. Weather and Disease. *JAMA - Journal of the American Medical Association* 321 (7), p. 712.

Anosov AA, Balashov IS, Erofeev AV, Zhdankina YS, Sharakshane AA, Mansfel'd AD. Measurement of the core human body temperature by means of passive acoustic thermometry. *Obshchaya Reanimatologiya* 2019; 15 (1): 39-46.

Anthony GJ, Bader KB, Wang J, Zamora M, Ostdiek A, Antic T, Krueger S, Weiss S, Troglar WC, Blair SL, Kummel AC, Sammet S. MRI-guided transurethral insonation of silica-shell phase-shift emulsions in the prostate with an advanced navigation platform. *Medical Physics* 2019; 46 (2): 774-788.

Anthony SR, Guarneri A, Lanzillotta L, Gozdiff A, Green LC, O'Grady K, Helsley RN, Owens III AP, Tranter M- HuR expression in adipose tissue mediates energy expenditure and acute thermogenesis independent of UCP1 expression. *Adipocyte* 2020; 9 (1) 335-345.

Antink CH, Lyra S, Paul M, Yu X, Leonhardt S. A Broader Look: Camera-Based Vital Sign Estimation across the Spectrum. *Yearbook of medical informatics* 2019; 28 (1): 102-114.

Antonacci MA, Zhang L, Degan S, Erdmann D, Branca RT. Calibration of methylene-referenced lipid-dissolved xenon frequency for absolute MR temperature measurements. *Magnetic Resonance in Medicine* 2019; 81 (2): 765-772.

Antonaci F, Rossi E, Voiticovschi-Iosob C, Dalla Volta G, Marceglia S. Frontal infrared thermography in healthy individuals and chronic migraine patients: Reliability of the method. *Cephalgia* 2019; 39 (4): 489-496.

Antonino GB, Paula de Lima Ferreira A, Nepomuceno Montenegro EJ, Galvão de Moura Filho A, Freire da Silva AF, de Araújo MDGR. Acupuncture and Dry Needling in the Reduction of Peripheral Acute Fatigue Induced in the Biceps Braquii: Protocol for a Single-blinded Randomized Controlled Clinical Trial. *Journal of Acupuncture and Meridian Studies* 2020; 13 (5) 163-166.

Anttila M, Yli-Pietilä, E, Suomi V, Mäkelä, P, Sainio T, Saunavaara J, Eklund L, Blanco Sequeiros R, Taimen P, Boström PJ. Histopathological evaluation of prostate specimens after thermal ablation may be confounded by the presence of thermally fixed cells. *International Journal of Hyperthermia* 2019; 36 (1): 915-925.

Anusic T, Gianicolo EAL. Comment on “A prospective study of tea drinking temperature and risk of esophageal squamous cell carcinoma” by Islami et al.. *International Journal of Cancer* 2019; 145 (10): 2886-2887

- Anwar A, Khan N, Ayub M, Nawaz, F, Shah A, Flahault A. Modeling and predicting dengue incidence in highly vulnerable countries using panel data approach. *International Journal of Environmental Research and Public Health* 2019; 16 (13), art. no. 2296.
- Anwar SL, Harahap WA, Aryandono T. Perspectives on how to navigate cancer surgery in the breast head and neck skin and soft tissue tumor in limited-resource countries during COVID-19 pandemic. *International Journal of Surgery* 2020; 79 206-212.
- Anzengruber F, Alotaibi F, Kaufmann LS, Ghosh A, Oswald MR, Maul J-T, Meier B, French LE, Bonmarin M, Navarini AA. Thermography: High sensitivity and specificity diagnosing contact dermatitis in patch testing. *Allergology International* 2019; 68 (2): 254-258.
- Apte NM, Shreshta A, Dendi R. Techniques to Avoid Complications of Atrial Fibrillation Ablation. *Current Treatment Options in Cardiovascular Medicine* 2020; 22 (10) art. no. 31.
- Araiza A, Duran M, Varon J, Non-invasive core temperature measurements in the emergency department: Where is the data? *American Journal of Emergency Medicine* 2020; 2020; 38 (11) 2381-2382.
- Arnold JF, Vascular Assessment of the Lower Extremity with a Chronic Wound. *Surgical Clinics of North America* 100 (4) 807-822.
- Asadi E, Makhdoumi A, Asoodeh A. Laccase mediator system obtained from a marine spore exhibits decolorization potential in harsh environmental conditions. *Ecotoxicology and Environmental Safety* 2020; 191: art. no. 110184.
- Asadi M, Beik J, Hashemian R, Laurent S, Farashahi A, Mobini M, Ghaznavi H, Shakeri-Zadeh A. MRI-based numerical modeling strategy for simulation and treatment planning of nanoparticle-assisted photothermal therapy. *Physica Medica* 2019; 66: 124-132.
- Ashigai H, Mizutani M, Ikeshima E, Nakashima K, Taniguchi Y, Matsukura Y, Yajima H. Roasted barley extract (Mugicha) containing cyclo(D-Phe-L-Pro) prevents a decrease in skin temperature in cold conditions: A randomized double-blind placebo-controlled crossover study. *Journal of Nutritional Science and Vitaminology* 2019; 65 (1): 90-93.
- Assoun S, Benderra M-A, Lotz J-P, Richard S, Gligorov J. Severe acute respiratory syndrome Coronavirus 2 infection in cancer population: Are patient-related symptoms helpful to track a harmful invisible? *International Journal of Cancer* 2020; 147 (12) 3576-3578.
- Astasio-Picado A, Martínez EE, Gómez-Martín B. Influence of cardiovascular risk factors on the occurrence of foot risk, prior to the complementary study with infrared thermography. *Enfermería Global* 2019, 18(3), 47-57.
- Astasio-Picado Á, Martínez, EE, Gómez-Martín B. Comparison of thermal foot maps between diabetic patients with neuropathic vascular neurovascular and no complications. *Current Diabetes Reviews* 2019; 15 (6): 503-509.
- Atallah L, Ciuahu C, Paulussen I, Bongers E, Blom AHM, Idrissi A, Noordergraaf G. Perioperative measurement of core body temperature using an unobtrusive passive heat flow sensor. *Journal of Clinical Monitoring and Computing* 2020; 34 (6) 1351-1359.
- Atroshi I, Tadjerbashi K, McCabe SJ, Ranstam J. Treatment of carpal tunnel syndrome with wrist splinting: Study protocol for a randomized placebo-controlled trial. *Trials* 2019; 20 (1), art. no. 531.
- Atzinger A, Lawrence JG. Selection for ancient periodic motifs that do not impart DNA bending. *PLoS Genetics* 2020; 16 (10) art. no. e1009042.
- Au SLC, McCormick D, Lever N, Budgett D. Thermal evaluation of a hermetic transcutaneous energy transfer system to power mechanical circulatory support devices in destination therapy. *Artificial Organs* 2020; 44 (9) 955-967.
- Audiger C, Kim Y, Ziegler J, Friebel M, Boctor EM. Conformal radiofrequency ablation to validate ultrasound thermometry. *Progress in Biomedical Optics and Imaging - Proceedings of SPIE* 2019; 10951, art. no. 1095122.

Auld AF, Fielding K, Agizew T, Maida A, Mathoma A, Boyd R, Date A, Pals SL, Bicego G, Liu Y, Shiraishi RW, Ehrenkranz P, Serumola C, Mathebula U, Alexander H, Charalambous S, Emerson C, Rankgoane-Pono G, Pono P, Finlay A, Shepherd JC, Holmes C, Ellerbrock TV, Grant AD. Risk scores for predicting early antiretroviral therapy mortality in sub-Saharan Africa to inform who needs intensification of care: a derivation and external validation cohort study. *BMC Medicine* 2020; 18 (1) art. no. 311.

Autilio C, Pérez-Gil J. Understanding the principle biophysics concepts of pulmonary surfactant in health and disease. *Archives of Disease in Childhood: Fetal and Neonatal Edition* 2019; 104 (4): F443-F451.

Avari H, Berkmortel C, Savory E. An Insight to the Role of Thermal Effects on the Onset of Atrioesophageal Fistula: A Computer Model of Open-Irrigated Radiofrequency Ablation. *Cardiovascular Engineering and Technology* 2020; 11 (4) 481-493.

Avecillas-Chasin JM, Atik A, Mohammadi AM, Barnett GH. Laser thermal therapy in the management of high-grade gliomas. *International Journal of Hyperthermia* 2020; 37 (2) 44-52.

Aw J. The non-contact handheld cutaneous infra-red thermometer for fever screening during the COVID-19 global emergency. *Journal of Hospital Infection* 2020; 104 (4) p, 451.

Awais M, Altgen M, Mäkelä M, Altgen D, Rautkari L. Hyperspectral Near-Infrared Image Assessment of Surface-Acetylated Solid Wood. *ACS Applied Bio Materials* 2020; V3 (8) 5223-5232.

Aydin MD, Kanat A, Yolas C, Calik M. New insights of the fever following subarachnoid hemorrhage and introducing a new thermoregulator like structure in choroid plexuses; preliminary study. *Acta Neurologica Taiwanica* 2019; 28 (1): 1-11.

Babkina O, Danylchenko S, Varukha K, Volobuev O, Ushko I. Diagnosis of blunt trauma of kidney injury with infrared thermometer method. *Georgian medical news* 2020; (307) 132-137.

Baek YS, Kim J, Song JY, Jeon J, Oh CH. Dynamic thermal imaging on actinic keratosis patients: A preliminary study. *Skin Research and Technology* 2019; 25 (2): 211-216.

Bagheri M, Rashe Z, Jafari A. A Review on 2019 Novel Coronavirus Pneumonia in Ophthalmology. *Ocular Immunology and Inflammation* 2020; 28 (6) 909-915.

Bai Z, Wang M. Warmer temperature increases mercury toxicity in a marine copepod. *Ecotoxicology and Environmental Safety* 2020; 201: art. no. 110861.

Baker CA, Rapp RR, Elwakil E, Zhang J. Infrastructure assessment post-disaster: Remotely sensing bridge structural damage by unmanned aerial vehicle in low-light conditions. *Journal of Emergency Management* 2020; 8 (1) 27-41.

Bakker A, van der Zee J, van Tienhoven G, Kok HP, Rasch CRN, Crezee H. Temperature and thermal dose during radiotherapy and hyperthermia for recurrent breast cancer are related to clinical outcome and thermal toxicity: a systematic review. *International Journal of Hyperthermia* 2019; 36 (1): 1024-1039.

Bakker A, Zweije R, Kok HP, Kolff MW, Desiree van den Bongard HJG, Schmidt M, van Tienhoven G, Crezee H. Clinical feasibility of a high-resolution thermal monitoring sheet for superficial hyperthermia in breast cancer patients. *Cancers* 2020; 12 (12) art. no. 3644 1-18.

Bakker A, Zweije R, Van Tienhoven G, Kok HP, Sijbrands J, Van Den Bongard HJGD, Rasch CRN, Crezee H. Two high-resolution thermal monitoring sheets for clinical superficial hyperthermia. *Physics in Medicine and Biology* 2020; 65 (17) art. no. 175021.

Bakshi A, Sipani R, Ghosh N, Joshi R. Sequential activation of Notch and Grainyhead gives apoptotic competence to Abdominal-B expressing larval neuroblasts in *Drosophila* Central nervous system. *PLoS Genetics* 2020; 16 (9) art. no. e1008976.

Baldovin T, Amoruso I, Caldara F, Buja A, Baldo V, Cocchio S, Bertoncello C. Microbiological hygiene quality of thermal muds: A pilot study in pelotherapy facilities of the euganean thermal district (ne

italy). International Journal of Environmental Research and Public Health 2020; 17 (14) art. no. 5040 1-15.

Banerjee D, Popoola J, Shah S, Ster IC, Quan V, Phanish M. COVID-19 infection in kidney transplant recipients, Kidney International 2020; 97 (6) 1076-1082.

Barbhaiya CR, Kogan EV, Jankelson L, Knotts RJ, Spinelli M, Bernstein S, Park D, Aizer A, Chinitz LA, Holmes D. Esophageal temperature dynamics during high-power short-duration posterior wall ablation. Heart Rhythm 2020; 17 (5) 721-727.

Barbhaiya CR. High-Power Short-Duration Ablation: In Real Life. JACC: Clinical Electrophysiology 2020; 6 (10) 1262-1264.

Barbosa JS, Amorim AMAM, Arruda MJALLA, Medeiros GBS, Freitas APLF, Vieira LEM, Melo DP, Bento PM. Infrared thermography assessment of patients with temporomandibular disorders. Dentomaxillofacial Radiology 2020; 49 (4) art. no. 20190392.

Barbosa MDG, Castelo PM, Ferreira CLP, Haddad DS, Chiari BM, Santana MV, Bommarito S. Congenital heart disease in children: Orofacial myofunctional aspects eating behavior and facial temperature. International Journal of Pediatric Otorhinolaryngology 2020; 131 art. no. 109883.

Bardhan S, Bhowmik MK. 2-Stage classification of knee joint thermograms for rheumatoid arthritis prediction in subclinical inflammation. Australasian Physical and Engineering Sciences in Medicine 42 2019; (1): 259-277.

Barnat N, Grisey A, Gerold B, Yon S, Anquez J, Aubry J-F. Efficacy and safety assessment of an ultrasound-based thermal treatment of varicose veins in a sheep model. International Journal of Hyperthermia 2020; 37 (1) 231-244.

Basile G, Breda A, Rivas JG, Cacciamani G, Okhunov Z, Dourado A, Socarras MR, Sgrò, E, Cozzupoli P, Veneziano D. Comparison between near-infrared fluorescence imaging with indocyanine green and infrared imaging: On-bench trial for kidney perfusion analysis. A project of the ESUT-YAUWP group. Minerva Urologica e Nefrologica 2019; 71 (3): 280-285

Bastardot F, Marques-Vidal P, Vollenweider P. Association of body temperature with obesity. The CoLaus study. International Journal of Obesity 2019; 43 (5): 1026-1033.

Bastos DCDA, Fuentes DT, Traylor J, Weinberg J, Kumar VA, Stafford J, Li J, Rao G, Prabhu SS. The use of laser interstitial thermal therapy in the treatment of brain metastases: a literature review. International Journal of Hyperthermia 2020; 37 (2) 53-60.

Bastos DCDA, Rao G, Oliva ICG, Loree JM, Fuentes DT, Stafford RJ, Beechar VB, Weinberg JS, Shah K, Kumar VA, Prabhu SS. Predictors of Local Control of Brain Metastasis Treated with Laser Interstitial Thermal Therapy. Neurosurgery 2020; 87 (1) 112-122.

Bastos DCDA, Weinberg J, Kumar VA, Fuentes DT, Stafford J, Li J, Rao G, Prabhu SS. Laser Interstitial Thermal Therapy in the treatment of brain metastases and radiation necrosis. Cancer Letters 2020; 489 9-18.

Batu N, Wang Y, Liu Z, Huang T, Bao W, He H, Geri L. Molecular epidemiology of Rickettsia sp, and Coxiella burnetii collected from Hyalomma asiaticum in Bactrian camels (*Camelus bactrianus*) in inner Mongolia of China. Ticks and Tick-borne Diseases 2020; 11 (6) art. no. 101548.

Bauer J, Hoq MN, Mulcahy J, Tofail SAM, Gulshan F, Silien C, Podbielska H, Akbar MM. Implementation of artificial intelligence and non-contact infrared thermography for prediction and personalized automatic identification of different stages of cellulite. EPMA Journal 2020; 11 (1) 17-29.

Baymakova M, Popov GT, Andonova R, Kovaleva V, Dikov I, Plochev K. Fever of unknown origin and Q-fever: A case series in a Bulgarian hospital. Caspian Journal of Internal Medicine 2019; 10 (1): 102-106.

Beeharry MK, Zhu Z-L, Liu W-T, Yao X-X, Yan M, Zhu Z-G. Prophylactic HIPEC with radical D2 gastrectomy improves survival and peritoneal recurrence rates for locally advanced gastric cancer: Personal experience from a randomized case control study. BMC Cancer 2019; 19 (1), art. no. 932

- Beh ST, Kuo Y-M, Chang W-SW, Wilder-Smith E, Tsao C-H, Tsai C-H, Chen L-T, Liao L-D. Preventive hypothermia as a neuroprotective strategy for paclitaxel-induced peripheral neuropathy. *Pain* 2019; 160 (7): 1505-1521.
- Beik J, Asadi M, Khoei S, Laurent S, Abed Z, Mirrahimi M, Farashahi A, Hashemian R, Ghaznavi H, Shakeri-Zadeh A. Simulation-guided photothermal therapy using MRI-traceable iron oxide-gold nanoparticle. *Journal of Photochemistry and Photobiology B: Biology* 2019; 199, art. no. 111599.
- Belcaro G, Corsi M, Agus GB, Cesarone MR, Cornelli U, Cotellese R, Feragalli B, Hu S. Thrombo-prophylaxis prevents thrombotic events in home-managed COVID patients A registry study. *Minerva Medica* 2020; 111 (4) 366-368.
- Belcaro G, Feragalli B, Cornelli U, Cotellese R, Hu S, Dugall M, Bolognesi G. Evaluation of knee periosteal and cartilage morphology in subjects with arthrosis: Management with Movardol. *Minerva Ortopedica e Traumatologica* 2019; 70 (2): 59-64.
- Beleza J, Albuquerque J, Santos-Alves E, Fonseca P, Santocildes G, Stevanovic J, Rocha-Rodrigues S, Rizo-Roca D, Ascensão A, Torrella JR, Magalhães J. Self-paced free-running wheel mimics high-intensity interval training impact on rats' functional physiological biochemical and morphological features. *Frontiers in Physiology* 2019; 10: art. no. 593.
- Bell M, Ronco C, Hansson F, Broman M. Hypothermia during CRRT a comparative analysis. *Acta Anaesthesiologica Scandinavica* 2020; 64 (8) 1162-1166.
- Belliveau RG, DeJong SA, Boltin ND, Lu Z, Cassidy BM, Morgan SL, Myrick ML. A study of the mid-infrared emissivity of dried blood on fabrics. *Forensic Chemistry* 2020; 19: art. no. 100238.
- Benavent Casanova O, Benavente Gómez, N, Priego Quesada JI, Galindo Gonzalez, CM, Cibrián Ortiz De Anda RM, Salvador Palmero R, Núñez Gómez, F. Application of infrared thermography in diagnosing peripherally inserted central venous catheter infections in children with cancer. *Physiological Measurement* 2019; 40 (4), art. no. 044002.
- Benavent Casanova O, Núñez Gómez, F, Priego Quesada JI, Cibrián Ortiz De Anda RM, González Peña RJ, Minguez Rey MF, Pino Almero L, Salvador Palmer R. Application of infrared thermography as a complementary technique to conventional imaging techniques in paediatrics: case studies. *Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization* 2019; 7 (5-6): 643-650.
- Benhadou F, del Marmol V. Improvement of SARS-CoV-2 symptoms following Guselkumab injection in a psoriatic patient. *Journal of the European Academy of Dermatology and Venereology* 2020; 34 (8) e363-e364.
- Benito-Martínez E, Senovilla-Herguedas D, de la Torre-Montero JC, Martínez-Beltrán MJ, Reguera-García MM, Alonso-Cortés B. Local and contralateral effects after the application of neuromuscular electrostimulation in lower limbs. *International Journal of Environmental Research and Public Health* 2020; 17 (23) art. no. 9028 1-12.
- Benjamens S, van den Berg TAJ, Kuipers TGJ, Moers C, Berger SP, Leuvenink HGD, Pol RA. Kidney temperature during living donor kidney transplantation is associated with short-term measured glomerular filtration rate – a prospective study. *Transplant International* 2020; 33 (2) 174-180.
- Berardi A, Sandoni M, Toffoli C, Boncompagni A, Gennari W, Bergamini MB, Lucaccioni L, Iughetti L. Clinical characterization of neonatal and pediatric enteroviral infections: An Italian single center study. *Italian Journal of Pediatrics* 2019; 45 (1), art. no. 94.
- Bernard V, Pokorna J, Staffa E, Hanakova P, Balintova Z, Oslejskova H, Morstein V. Facial palsy – contactless thermographic study. *Thermology international* 2019, 29(2) 81
- Bernard V, Staffa E, Čan V, Farkašová M, Pokorná J, Mitáš L, Zetelová A, Morstein V, Kala Z. Semi-Quantitative Comparison of Infrared Thermography with Indocyanine Green Imaging in Porcine Intestinal Resection. *IRBM* 2019, 40(6), 307-312.

Berrueco R, Sarquella-Brugada G. Worldwide Variability of Antithrombotic Therapy During Cardiac Catheter Ablation in Children: A Survey from 50 Centers Around the World. *Pediatric Cardiology* 2019; 40 (2): 456-458.

Beserra A, Pichardo S, Kisselgoff D, Peeva V, Curiel L. Targeting feasibility evaluation of magnetic resonance-guided focused ultrasound in the management of osteomyelitis: a virtual treatment planning study in 75 patients. *International Journal of Hyperthermia* 2019; 36 (1): 1012-1023.

Beyoğlu ÇA, Kendigelen P, Beyoğlu İ, Altındaş F, Kuruoğlu S, Kaya G. Does magnetic resonance imaging increase core body temperature in children? Results of the administration of propofol and ketofol: A randomized clinical study. *Turkish Journal of Pediatrics* 2020; 62 (2) 224-232.

Bhardwaj R, Koruth JS, Reddy VY. Current Status of Esophageal Protection. *Cardiac Electrophysiology Clinics* 2020; 12 (2) 247-257.

Bhatti F, Naiman M, Tsarev A, Kulstad E. Esophageal temperature management in patients suffering from traumatic brain injury. *Therapeutic Hypothermia and Temperature Management* 2019; 9 (4): 238-242.

Bhavani SV, Carey KA, Gilbert ER, Afshar M, Verhoef PA, Churpek MM. Identifying novel sepsis subphenotypes using temperature trajectories. *American Journal of Respiratory and Critical Care Medicine* 2019; 200 (3): 327-335.

Bhutani S, Khan I, Nasser A, Saxena CS. Thermal stress inside a disabled submarine. *Medical Journal Armed Forces India* 2020; 76 (3) 333-337.

Biacchi AJ, Bui TQ, Dennis CL, Woods SI, Hight Walker AR. Design and engineering colloidal magnetic particles for nanoscale thermometry. *International Journal on Magnetic Particle Imaging* 2020; 6 (2) art. no. 2009068 1-3.

Bielecki M, Cramer GAG, Schlagenhauf P, Buehrer TW, Deuel JW. Body temperature screening to identify SARS-CoV-2 infected young adult travellers is ineffective. *Travel Medicine and Infectious Disease* 2020; 37 art. no. 101832.

Bilkhu P, Wolffsohn J, Mahmood Q, Purslow C. Investigating the subjective cooling effect of eyelid cleansing gel on eyelid and ocular surface temperature. *Contact Lens and Anterior Eye* 2019; 42 (4): 411-414.

Binek M, Drzazga Z, Pokora I. Preliminary studies of impact of cryotherapy on thermal mapping of body during endurance treatment, *Thermology international* 2019, 29(2).86

Bing C, Cheng B, Staruch RM, Nofiele J, Wodzak Staruch M, Szczepanski D, Farrow-Gillespie A, Yang A, Laetsch TW, Chopra R. Breath-hold MR-HIFU hyperthermia: phantom and in vivo feasibility. *International Journal of Hyperthermia* 2019; 36 (1): 1084-1097.

Bitsori M, Vergadi E, Germanakis I, Raissaki M, Galanakis E. Case report: A case of endocarditis and embolic stroke in a child suggestive of acute q fever infection. *American Journal of Tropical Medicine and Hygiene* 2020; 103 (4) 1435-1438.

Bitton RR, Webb TD, Pauly KB, Ghanouni P. Prolonged heating in nontargeted tissue during MR-guided focused ultrasound of bone tumors. *Journal of Magnetic Resonance Imaging* 2019; 50 (5): 1526-1533.

Blackwell J, Oluniran G, Tuohy B, Destrade M, Krašny MJ, Colgan N. Experimental assessment of clinical MRI-induced global SAR distributions in head phantoms. *Physica Medica* 2019; 66: 113-118

Bleckwenn M. Is screening for COVID-19 using temperature control a sensible option? *MMW-Fortschritte der Medizin* 2020; 162 (21-22) 52-53.

Bluemel O, Buecheler JW, Rodrigues MA, Geraldes V, Hoelzl G, Bechtold-Peters K, Friess W. Cryoconcentration and 3D Temperature Profiles During Freezing of mAb Solutions in Large-Scale PET Bottles and a Novel Scale-Down Device. *Pharmaceutical Research* 2020; 37 (9) art. no. 179.

Bodenham A. Ultrasound-guided vascular access, *European Journal of Anaesthesiology* 2020; 37 (5) 341-343.

Boëlle P-Y, Souty C, Launay T, Guerrisi C, Turbelin C, Behillil S, Enouf V, Poletto C, Lina B, van der Werf S, Lévy-Bruhl D, Colizza V, Hanslik T, Blanchon T. Excess cases of influenza-like illnesses synchronous with coronavirus disease (COVID-19) epidemic France March 2020. *Eurosurveillance* 2020; 25 (14) art. no. 2000326.

Bonekamp D, Wolf MB, Roethke MC, Pahernik S, Hadaschik BA, Hatiboglu G, Kuru TH, Popeneciu IV, Chin JL, Billia M, Relle J, Hafron J, Nandalur KR, Staruch RM, Burtnyk M, Hohenfellner M, Schlemmer H-P. Twelve-month prostate volume reduction after MRI-guided transurethral ultrasound ablation of the prostate. *European Radiology* 2019; 29 (1): 299-308.

Bonmassar G, Serano P. MRI-Induced Heating of Coils for Microscopic Magnetic Stimulation at 1.5 Tesla: An Initial Study, *Frontiers in Human Neuroscience* 2020; 14 art. no. 53.

Boonruksa P, Maturachon T, Kongtip P, Woskie S. Heat stress physiological response and heat related symptoms among Thai sugarcane workers. *International Journal of Environmental Research and Public Health* 2020; 17 (17) art. no. 6363 1-15.

Borai A, Khalil H, Alghamdi B, Alhamdi R, Ali N, Bahijri S, Ferns G. The pre-analytical stability of 25-hydroxyvitamin D: Storage and mixing effects. *Journal of Clinical Laboratory Analysis* 2020; 34 (2) art. no. e23037.

Borrelli E, Sacconi R, Querques L, Zucchiatti I, Prascina F, Bandello F, Querques G. Taking the right measures to control COVID-19 in ophthalmology: the experience of a tertiary eye care referral center in Italy. *Eye (Basingstoke)* 2020; 34 (7) 1175-1176.

Boutet A, Hancu I, Saha U, Crawley A, Xu DS, Ranjan M, Hlasny E, Chen R, Foltz W, Sammartino F, Coblenz A, Kucharczyk W, Lozano AM. 3-Tesla MRI of deep brain stimulation patients: Safety assessment of coils and pulse sequences. *Journal of Neurosurgery* 2020; 132 (2) 586-594.

Bouvet L, Roukhomovsky M, Desgranges F-P, Allaouchiche B, Chassard D. Infrared thermography to assess dermatomal levels of labor epidural analgesia with 1 mg/mL ropivacaine plus 0.5 µg/mL sufentanil: a prospective cohort study. *International Journal of Obstetric Anesthesia* 2020; 41: 53-58.

Bove T, Zawada T, Serup J, Jessen A, Poli M. High-frequency (20-MHz) high-intensity focused ultrasound (HIFU) system for dermal intervention: Preclinical evaluation in skin equivalents. *Skin Research and Technology* 2019; 25 (2): 217-228

Bozinov O, Yang Y, Oertel MF, Neidert MC, Nakaji P. Laser interstitial thermal therapy in gliomas. *Cancer Letters* 2020; 474: 151-157.

Brasil S, Renck AC, de Meneck F, Brioschi ML, Costa EF, Teixeira MJ. A systematic review on the role of infrared thermography in the Brown adipose tissue assessment, *Reviews in Endocrine and Metabolic Disorders* 2020; 21 (1) 37-44.

Brasil TFS, Lopes-Azevedo S, Belém-Filho IJA, Fortaleza EAT, Antunes-Rodrigues J, Corrêa FMA. The dorsomedial hypothalamus is involved in the mediation of autonomic and neuroendocrine responses to restraint stress, *Frontiers in Pharmacology* 2020; 10 art. no. 1547.

Bräuer A, Müller MM, Wetz AJ, Quintel M, Brandes IF. Influence of oral premedication and prewarming on core temperature of cardiac surgical patients: A prospective randomized controlled trial. *BMC Anesthesiology* 2019; 19 (1), art. no. 55.

Bravo MG, Granoff MD, Johnson AR, Lee BT. Development of a New Large-Animal Model for Composite Face and Whole-Eye Transplantation: A Novel Application for Anatomical Mapping Using Indocyanine Green and Liquid Latex, *Plastic and reconstructive surgery* 2020; 145 (1) 67e-75e,

Brazaitis M, Eimantas N, Baranauskienė N, Kilikeviciene S, Vitkauskienė A, Daniusevičiute L. Effects of severe whole-body hyperthermia on ovarian hormone and extracellular Hsp72 responses in young adult women. *International Journal of Hyperthermia* 2019; 36 (1): 660-665.

Brazaitis M, Paulauskas H, Eimantas N, Daniusevičiute L, Volungevičius G, Skurvydas A. Motor performance is preserved in healthy aged adults following severe whole-body hyperthermia. *International Journal of Hyperthermia* 2019; 36 (1): 65-74.

- Briggs KT, Taraban MB, Yu YB. Quality assurance at the point-of-care: Noninvasively detecting vaccine freezing variability using water proton NMR, *Vaccine* 2020; 38 (31) 4853-4860.
- Brito CJ, Moreira DG, Ferreira JJ, Díaz-de-Durana AL, Miarka B, Marins JCB, Sillero-Quintana M. Immune Response Related With Skin Thermal Pattern in Judokas: A New Application for Infrared Thermography? *Journal of Strength and Conditioning Research* 2020. 34 (10) 2886-2894.
- Broday EE, Moreto JA, Xavier AADP, de Oliveira R. The approximation between thermal sensation votes (TSV) and predicted mean vote (PMV): A comparative analysis. *International Journal of Industrial Ergonomics* 2019; 69: 1-8.
- Brotherton EJ, Moseley SE, Langan-Evans C, Pullinger SA, Robertson CM, Burniston JG, Edwards BJ. Effects of two nights partial sleep deprivation on an evening submaximal weightlifting performance; are 1 h powernaps useful on the day of competition? *Chronobiology International* 2019; 36 (3): 407-426.
- Browne PC, Linfert JB, Perez-Jorge E. Successful Treatment of Preterm Labor in Association with Acute COVID-19 Infection. *American Journal of Perinatology* 2020; (8) 866-868.
- Bui TQ, Biacchi AJ, Woods SI. Towards bimagnetic nanoparticle thermometry. *International Journal on Magnetic Particle Imaging* 2020; 6 (2) art. no. 2009010 1-3.
- Burian A, Schuhfried O, Crevenna R. A mysterious case of complex regional pain syndrome in a 9-year-old girl. *Disability and Rehabilitation* 2019; 41 (8): 991-993.
- Burk BG, Ward AH, Clark B. A case report of acute hypothermia during initial inpatient clozapine titration with review of current literature on clozapine-induced temperature dysregulations. *BMC Psychiatry* 2020; 20 (1) art. no. 290.
- Burunkaya M, Yucel M. Measurement and Control of an Incubator Temperature by Using Conventional Methods and Fiber Bragg Grating (FBG) Based Temperature Sensors. *Journal of Medical Systems* 2020; 44 (10) art. no. 178.
- Buzzá, HH, Holmo Jr D, Stringasci MD, Bertanha M, Leão PDS, Fabro AT, Silva Jr NF, Zangirolami AC, Bagnato VS, Yoshida WB. Photodynamic Therapy Versus Glucose for the Treatment of Telangiectasia: A Randomised Controlled Study in a Rabbit Ear Model. *European Journal of Vascular and Endovascular Surgery* 2019; 58 (4): 583-591.
- Cabañes FJ. Diversity and adaptation within the genus Malassezia: Bats already have their species. *Revista Iberoamericana de Micología* 2020; 37 (2) 37-38.
- Cabizosu A, Carboni N, Figus A, Vegara-Meseguer JM, Casu G, Hernández Jiménez, P, Martínez-Almagro Andreo A. Is infrared thermography (IRT) a possible tool for the evaluation and follow up of Emery-Dreifuss muscular dystrophy? A preliminary study. *Medical Hypotheses* 2019; 127: 91-96.
- Cabizosu A, Carboni N, Martínez-Almagro Andreo A, Casu G, Ramón Sánchez C, Vegara-Meseguer JM. Relationship between infrared skin radiation and muscular strength tests in patients affected by Emery-Dreifuss muscular dystrophy. *Medical Hypotheses* 2020; 138 art. no. 109592.
- Cai J-F, Zhang L, Zhang Y, Zhang M-X, Li H-L, Xia H-J, Kong W-J, Yu F-H. Remediation of cadmium-contaminated coastal saline-alkaline soil by *Spartina alterniflora* derived biochar. *Ecotoxicology and Environmental Safety* 2020; 205 art. no. 111172.
- Cai W, Chen A-W, Ding L, Shen W-D. Thermal Effects of Acupuncture by the Infrared Thermography Test in Patients With Tinnitus. *JAMS Journal of Acupuncture and Meridian Studies* 2019; 12 (4): 131-135.
- Cai Y-C, Wang W, Li C, Zeng D-F, Zhou Y-Q, Sun R-H, Jiang H, Guo H, Wang S-X, Jiang J. Treating head and neck tumors during the SARS-CoV-2 epidemic 2019 to 2020: Sichuan Cancer Hospital. *Head and Neck* 2020; 42 (6) 1153-1158.
- Caly L, Druce J, Roberts J, Bond K, Tran T, Kostecki R, Yoga Y, Naughton W, Taiaroa G, Seemann T, Schultz MB, Howden BP, Korman TM, Lewin SR, Williamson DA, Catton MG. Isolation and rapid

sharing of the 2019 novel coronavirus (SARS-CoV-2) from the first patient diagnosed with COVID-19 in Australia. *Medical Journal of Australia* 2020; 212 (10) 459-462.

Cammalleri A, Croce P, Lee W, Yoon K, Yoo S-S. Therapeutic Potentials of Localized Blood-Brain Barrier Disruption by Noninvasive Transcranial Focused Ultrasound: A Technical Review. *Journal of Clinical Neurophysiology* 2020; 37 (2) 104-117.

Cano-Mejia J, Shukla A, Ledezma DK, Palmer E, Villagra A, Fernandes R. CpG-coated Prussian blue nanoparticles-based photothermal therapy combined with anti-CTLA-4 immune checkpoint blockade triggers a robust abscopal effect against neuroblastoma. *Translational Oncology* 2020; 13 (10) art. no. 100823.

Cantini F, Niccoli L, Nannini C, Matarrese D, Natale MED, Lotti P, Aquilini D, Landini G, Cimolato B, Pietro MAD, Trezzi M, Stobbione P, Frausini G, Navarra A, Nicastri E, Sotgiu G, Goletti D. Beneficial impact of Baricitinib in COVID-19 moderate pneumonia; multicentre study. *Journal of Infection* 2020; 81 (4) 647-679.

Cantürk M, Cantürk FK, Kocaoğlu N, Hakki M. The effects of crystalloid warming on maternal body temperature and fetal outcomes: a randomized controlled trial. *Brazilian Journal of Anesthesiology* 2019; 69 (1): 13-19.

Canturk M, Karbancioglu Canturk F. Effects of isothermic crystalloid coload on maternal hypotension and fetal outcomes during spinal anesthesia for cesarean section: A randomized controlled trial. *Taiwanese Journal of Obstetrics and Gynecology* 2019; 58 (3): 428-433

Cao R, Huang Z, Nabi G, Melzer A. Patient-Specific 3-Dimensional Model for High-Intensity Focused Ultrasound Treatment Through the Rib Cage. *Journal of Ultrasound in Medicine* 2020; 39 (5) 883-899.

Cao Z, Gore JC, Grissom WA. Low-rank plus sparse compressed sensing for accelerated proton resonance frequency shift MR temperature imaging. *Magnetic Resonance in Medicine* 2019; 81 (6): 3555-3566.

Capistrano G, Rodrigues HF, Zufelato N, Gonçalves C, Cardoso CG, Silveira-Lacerda EP, Bakuzis AF. Noninvasive intratumoral thermal dose determination during in vivo magnetic nanoparticle hyperthermia: combining surface temperature measurements and computer simulations. *International Journal of Hyperthermia* 2020; 37 (3) 120-140.

Cappiello G, Paulides MM, Drizdal T, O'Loughlin D, O'Halloran M, Glavin M, Van Rhoon G, Jones E. Robustness of Time-Multiplexed Hyperthermia to Temperature Dependent Thermal Tissue Properties. *IEEE Journal of Electromagnetics RF and Microwaves in Medicine and Biology* 2020; 4 (2) art. no. 8932574 126-132.

Caraway DL, Bradley K. Response to: "Tissue Temperature Increases by a 10 kHz Spinal Cord Stimulation System: Phantom and Bioheat Model". *Neuromodulation* 2019; 22 (8): 986-987.

Carbonell L, Priego Quesada JI, Retorta P, Benimeli M, Cibrián Ortiz De Anda RM, Salvador Palmer R, González Peña RJ, Galindo C, Pino Almero L, Blasco MC, Minguez, MF, Macián-Romero C. Thermographic quantitative variables for diabetic foot assessment: preliminary results. *Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization* 2019; 7 (5-6): 660-666.

Carceller A, González Torcal JP, Viscor G. Topical Nifedipine Administration for Secondary Prevention in Frostbitten Patients. *Frontiers in Physiology* 2020; 11 art. no. 695.

Carlsen HK, Oudin A, Steingrimsson S, Åström DO. Ambient temperature and associations with daily visits to a psychiatric emergency unit in Sweden. *International Journal of Environmental Research and Public Health* 2019; 16 (2), art. no. 286.

Caroff J, King RM, Mitchell JE, Marosfoi M, Licwinko JR, Gray-Edwards HL, Puri AS, Merrill TL, Gounis MJ. Focal cooling of brain parenchyma in a transient large vessel occlusion model: Proof-of-concept. *Journal of NeuroInterventional Surgery* 2020; 12 (2) 209-213.

Carrière ME, de Haas LEM, Pijpe A, Meij-de Vries A, Gardien KLM, van Zuijlen PPM, Jaspers MEH. Validity of thermography for measuring burn wound healing potential. *Wound Repair and Regeneration* 2020; 28 (3) 347-354.

Carvalho H, Najafi N, Poelaert J. Intra-operative temperature monitoring with cutaneous zero-heat-flux-thermometry in comparison with oesophageal temperature: A prospective study in the paediatric population. *Paediatric Anaesthesia* 2019; 29 (8): 865-871.

Castagnetto JM, Segovia-Juarez J, Gonzales GF. Letter to the Editor: COVID-19 Infections Do Not Change with Increasing Altitudes from 1 000 to 4 700 m. *High Altitude Medicine and Biology* 2020; 21 (4) 428-430.

Cattin F, Fogacci T, Frisoni G, Semprini G, Fabiocchi L, Samorani D. Reply to: Prospective evaluation of the limitations of near-infrared imaging in detecting axillary sentinel lymph nodes in primary breast cancer. *Breast Journal* 2020; 26 (2) 343-344.

Cavicchioli ME, Lolli E, Trevisanuto D, Baraldi E. Managing a tertiar-level NICU in the time of COVID-19: Lessons learned from a high-risk zone. *Pediatric Pulmonology* 2020; 55 (6) 1308-1310.

Cecil KM, Naidu P. Advances in Pediatric Neuroimaging, MR Spectroscopy. *Seminars in Pediatric Neurology* 2020; 33 art. no. 100798.

Centanni M, Bell TJ, Sims IM, Tannock GW. Preferential use of plant glycans for growth by *Bacteroides ovatus*. *Anaerobe* 2020; 66 art. no. 102276.

Cesarone MR, Belcaro G, Corsi M, Scipione C, Scipione V, Hu S, Hosoi M, Ledda A, Feragalli B, Cotellese R. Supplementary management with Pycnogenol® in patients with lupus vasculitis in remission phases: A pilot concept registry study. *Minerva Cardioangiologica* 2020; 68 (2) 146-152.

Cha J-H, Kim D-H, Park C, Choi S-J, Jang J-S, Yang SY, Kim I-D, Choi S-Y. Low-Thermal-Budget Doping of 2D Materials in Ambient Air Exemplified by Synthesis of Boron-Doped Reduced Graphene Oxide. *Advanced Science* 2020; 7 (7) art. no. 1903318.

Chan P, Wong G, Dinh Nguyen T, Nguyen T, McNeil J, Hopper I. Estimation of respiratory rate using infrared video in an inpatient population: an observational study. *Journal of Clinical Monitoring and Computing* 2020; 34 (6) 1275-1284.

Chandrasekhar SS. Otolaryngology During the COVID-19 Pandemic: What We Have Learned in Year One. *Otolaryngologic Clinics of North America* 2020; 53 (6) xxiii-xxv,

Chandrasekharan P, Tay ZW, Hensley D, Zhou XY, Fung BKL, Colson C, Lu Y, Fellows BD, Huynh Q, Saayujya C, Yu E, Orendorff R, Zheng B, Goodwill P, Rinaldi C, Conolly S. Using magnetic particle imaging systems to localize and guide magnetic hyperthermia treatment: Tracers hardware and future medical applications. *Theranostics* 2020; 10 (7) 2965-2981.

Chang W-C, Wang C-Y, Cheng Y, Hung Y-P, Lin T-H, Chen W-J, Su C-S, Hsu C-Y, Liu T-J, Lee W-L. Plantar thermography predicts freedom from major amputation after endovascular therapy in critical limb ischemic patients. *Medicine* 2020; 99 (46) e22391.

Chao C-M, Chen C-L, Niu K-C, Lin C-H, Tang L-Y, Lin L-S, Chang C-P. Hypobaric hypoxia preconditioning protects against hypothalamic neuron apoptosis in heat-exposed rats by reversing hypothalamic overexpression of matrix metalloproteinase-9 and ischemia. *International Journal of Medical Sciences* 2020; 17 (17) 2622-2634.

Chaplin V, Phipps MA, Jonathan SV, Grissom WA, Yang PF, Chen LM, Caskey CF. On the accuracy of optically tracked transducers for image-guided transcranial ultrasound. *International Journal of Computer Assisted Radiology and Surgery* 2019; 14 (8): 1317-1327.

Chapurin N, Gelbard A. Epiglottitis. *New England Journal of Medicine* 2019; 381 (9), p. E15

Chaseling GK, Allen DR, Vucic S, Barnett M, Frohman E, Davis SL, Jay O. Core temperature is not elevated at rest in people with relapsing-remitting multiple sclerosis. *Multiple Sclerosis and Related Disorders* 2019; 29: 62-67

Chay JWM, Kim JH, Taha NSBM, Chiew SH, Chin KW, Lim SH, Ho LP. Urgent delivery - Validation and operational implementation of urgent blood delivery by modern high speed hospital pneumatic tube system to support bleeding emergencies within a hospital massive transfusion protocol. *Lab Medicine* 2019; 50 (4): E59-E69.

Chefdeville E, Pages AS. Parental management of children's fever: Assessment of knowledge and use of health record information. *Archives de Pediatrie* 2019; 26 (5): 275-281

Chen DP, Flythe JE. Dialysis-associated allergic reactions during continuous renal replacement therapy and hemodialysis: A case report. *Hemodialysis International* 2020; 24 (1) E5-E9.

Chen G-W, Tian Y-F, Wan H-T, Chen J-Z, He Y. Antipyretic effect of active components of Mahuang Decoction and its correlation with pharmacokinetics in febrile rats. *Zhongguo Zhongyao Zazhi* 2020; 45 (3) 655-663.

Chen H-C, Chang K, Chen S-C. Infection control strategies of medical institutions in response to COVID-19. *Kaohsiung Journal of Medical Sciences* 2020; 36 (7) 565-567.

Chen H-L, Yamada K, Sakai K, Lu C-H, Chen M-H, Lin W-C. Alteration of brain temperature and systemic inflammation in Parkinson's disease. *Neurological Sciences* 2020; 41 (5) 1267-1276.

Chen J, Lin X-N, Miao X-H, Chen J, Lin R-X, Su H-Y, Lin J-B, Lin Z-Y. Evaluation of the correlation between infrared thermal imaging-magnetic resonance imaging-pathology of microwave ablation of lesions in rabbit lung tumors. *Journal of Cancer Research and Therapeutics* 2020; 16 (5) 1129-1133.

Chen J-Q, Li F, Xue P-K, Li Y-Y, Wang S-S, Wang H-H, Hu C-Y, Zhu X-L. Preparation and pharmacodynamics in vivo of nano graphene oxide-based matrine in situ gel. *Zhongguo Zhongyao Zazhi* 2020; 45 (19) 4617-4624.

Chen L, Yu J, He W, Chen L, Yuan G, Dong F, Chen W, Cao Y, Yang J, Cai L, Wu D, Ran Q, Li L, Liu Q, Ren W, Gao F, Wang H, Chen Z, Gale RP, Li Q, Hu Y. Risk factors for death in 1859 subjects with COVID-19. *Leukemia* 2020; 34 (8) 2173-2183.

Chen L-D, Li H, Ye Y-M, Wu Z, Huang Y-P, Zhang W-L, Lin L. A COVID-19 patient with multiple negative results for PCR assays outside Wuhan China: A case report. *BMC Infectious Diseases* 2020; 20 (1) art. no. 517.

Chen M, Li X, Jiang Z, Gong X. Reply: Visualizing the Pharmacologic Preconditioning Effect of Botulinum Toxin Type A by Infrared Thermography in a Rat Pedicled Perforator Island Flap Model. *Plastic and Reconstructive Surgery* 2020; 146 (2) 231e-232e,

Chen M, Li X, Jiang Z, Gong X. Visualizing the Pharmacologic Preconditioning Effect of Botulinum Toxin Type A by Infrared Thermography in a Rat Pedicled Perforator Island Flap Model. *Plastic and Reconstructive Surgery* 2019; 144 (6): 1016e-1024e

Chen Q, Li Y, Jiang R, Zou C, Tie C, Wen J, Yang X, Zhang X, Liu X, Zheng H. A flexible 9-channel coil array for fast 3D MR thermometry in MR-guided high-intensity focused ultrasound (HIFU) studies on rabbits at 3 T. *Magnetic Resonance Imaging* 2020; 65 37-44.

Chen Q-Y, Xie J-W, Zhong Q, Wang J-B, Lin J-X, Lu J, Cao L-L, Lin M, Tu R-H, Huang Z-N, Lin J-L, Zheng H-L, Li P, Zheng C-H, Huang C-M. Safety and Efficacy of Indocyanine Green Tracer-Guided Lymph Node Dissection during Laparoscopic Radical Gastrectomy in Patients with Gastric Cancer: A Randomized Clinical Trial. *JAMA Surgery* 2020; 155 (4) 300-311.

Chen R, Huang Z-Q, Chen W-L, Ou Z-P, Li S-H, Wang J-G. Value of a smartphone-compatible thermal imaging camera in the detection of peroneal artery perforators: Comparative study with computed tomography angiography. *Head and Neck* 2019; 41 (5): 1450-1456.

Chen S, Chun KRJ, Tohoku S, Bordignon S, Urbanek L, Willems F, Plank K, Hilbert M, Konstantinou A, Tsianakas N, Bologna F, Kreuzer C, Trolese L, Schmidt B. Esophageal Endoscopy After Catheter Ablation of Atrial Fibrillation Using Ablation-Index Guided High-Power: Frankfurt AI-HP ESO-I. *JACC: Clinical Electrophysiology* 2020; 6 (10) 1253-1261.

Chen S, Schmidt B, Seeger A, Bordignon S, Tohoku S, Willems F, Urbanek L, Throm C, Konstantinou A, Plank K, Hilbert M, Zanchi S, Bianchini L, Bologna F, Tsianakas N, Kreuzer C, Chun KRJ. Catheter ablation of atrial fibrillation using ablation index-guided high power (50 W) for pulmonary vein isolation with or without esophageal temperature probe (the AI-HP ESO II). *Heart Rhythm* 2020; 17 (11) 1833-1840.

Chen S-C, Chang K, Kuo C-H. Emergency department infection control strategies in response to COVID-19. *Kaohsiung Journal of Medical Sciences* 2020; 36 (7) 568-569.

Chen Y, Li Z, Zhang Y-Y, Zhao W-H, Yu Z-Y. Maternal health care management during the outbreak of coronavirus disease 2019. *Journal of Medical Virology* 2020; 92 (7) 731-739.

Chen, J, Bai X. Thermal face segmentation based on circular shortest path. *Infrared Physics & Technology* 2019, 97, 391-400

Cheng C, Zou C, Wan Q, Qiao Y, Pan M, Tie C, Liang D, Zheng H, Liu X. Dual-step iterative temperature estimation method for accurate and precise fat-referenced PRFS temperature imaging. *Magnetic Resonance in Medicine* 2019; 81 (2): 1322-1334.

Cheng L, Cai H, Liu Z, Yu Y, Li W, Li Q. Modified Full-Endoscopic Interlaminar Discectomy via an Inferior Endplate Approach for Lumbar Disc Herniation: Retrospective 3-Year Results from 321 Patients. *World Neurosurgery* 2020; 141 e537-e544.

Cheng Q, Li T, Tian Y, Dang H, Qian H, Teng C, Xie K, Yan L. NIR-II Fluorescence Imaging-Guided Photothermal Therapy with Amphiphilic Polypeptide Nanoparticles Encapsulating Organic NIR-II Dye. *ACS Applied Bio Materials* 2020; 3 (12) 8953-8961.

Cheng W, Spengler JO, Brown RD. A comprehensive model for estimating heat vulnerability of young athletes. *International Journal of Environmental Research and Public Health* 2020; 17 (17) art. no. 6156 1-11.

Cherifi D, Kaddari R, Zair H, Nait-Ali A. Infrared face recognition using neural networks and HOG-svm. *BioSMART 2019 - Proceedings: 3rd International Conference on BioEngineering for Smart Technologies 2019*;art. no. 8734221.

Chetty T, Daniels BB, Ngandu NK, Goga A. A rapid review of the effectiveness of screening practices at airports land borders and ports to reduce the transmission of respiratory infectious diseases such as COVID-19. *South African Medical Journal* 2020; 110 (11) 1105-1109.

Cheung CCL, Ma G, Karatasos K, Seitsonen J, Ruokolainen J, Koffi C-R, Hassan HAFM, Al-Jamal WT. Liposome-templated indocyanine green J-aggregates for in vivo near-infrared imaging and stable photothermal heating. *Nanotheranostics* 2020; 4 (2) 91-106.

Chew M-H, Koh FH, Ng KH. A call to arms: A perspective on safe general surgery in Singapore during the COVID-19 pandemic. *Singapore Medical Journal* 2020; 61 (7) 378-380.

Childs C, Elliott J, Khatab K, Hampshaw S, Fowler-Davis S, Willmott JR, Ali A. Thermal sensation in older people with and without dementia living in residential care: New assessment approaches to thermal comfort using infrared thermography. *International Journal of Environmental Research and Public Health* 2020; 17 (18) art. no. 6932 1-23.

Childs C, Soltani H. Abdominal cutaneous thermography and perfusion mapping after caesarean section: A scoping review. *International Journal of Environmental Research and Public Health* 2020; 17 (22) art. no. 8693 1-22.

Childs C, Wright N, Willmott J, Davies M, Kilner K, Ousey K, Soltani H, Madhuvrata P, Stephenson J. The surgical wound in infrared: Thermographic profiles and early stage test-accuracy to predict surgical site infection in obese women during the first 30 days after caesarean section. *Antimicrobial Resistance and Infection Control* 2019; 8 (1), art. no. 7.

Chin V, Cope S, Yeh CH, Thompson T, Nascimento B, Pavenski K, Callum J. Massive hemorrhage protocol survey: Marked variability and absent in one-third of hospitals in Ontario Canada. *Injury* 2019; 50 (1): 46-53

- Chivot M, Airaudi S, Galland A, Gravier R. Analysis of parameters influencing intraarticular temperature during radiofrequency use in shoulder arthroscopy. European Journal of Orthopaedic Surgery and Traumatology 29 (6): 1205-1210.
- Cho P, Boost M. COVID 19—An eye on the virus, Contact Lens and Anterior Eye 2020; 43 (4) 313-314.
- Cho SS, Buch VP, Teng CW, De Ravin E, Lee JYK. Near-Infrared Fluorescence with Second-Window Indocyanine Green as an Adjunct to Localize the Pituitary Stalk During Skull Base Surgery. World Neurosurgery 2020; 136 p, 326.
- Cho SS, Salinas R, De Ravin E, Teng CW, Li C, Abdullah KG, Buch L, Hussain J, Ahmed F, Dorsey J, Mohan S, Brem S, Singhal S, Lee JYK. Near-Infrared Imaging with Second-Window Indocyanine Green in Newly Diagnosed High-Grade Gliomas Predicts Gadolinium Enhancement on Postoperative Magnetic Resonance Imaging, Molecular Imaging and Biology 2020; 22 (5) 1427-1437.
- Cho S-Y, Park S-S, Lee J-Y, Kim H-J, Kim Y-J, Min C-K, Cho B, Lee D-G, Kim D-W. Successful prevention and screening strategies for COVID-19: focus on patients with haematologic diseases. British Journal of Haematology 2020; 190 (1) e33-e37.
- Cho Y, Julier SJ, Bianchi-Berthouze N. Instant stress: Detection of perceived mental stress through smartphone photoplethysmography and thermal imaging. Journal of Medical Internet Research 2019; 21 (4), art. no. e10140.
- Choe PG, Kang EK, Lee SY, Oh B, Im D, Lee HY, Jung H, Kang CK, Kim MS, Park WB, Choi EH, Cho B, Oh M-D, Kim NJ. Selecting coronavirus disease 2019 patients with negligible risk of progression: Early experience from non-hospital isolation facility in Korea, Korean Journal of Internal Medicine 2020; 35 (4) 765-770.
- Choi M-K, Jin S, Jeon J-H, Kang WY, Seong SJ, Yoon Y-R, Han Y-H, Song I-S. Tolerability and pharmacokinetics of ginsenosides Rb1 Rb2 Rc Rd and compound K after single or multiple administration of red ginseng extract in human beings. Journal of Ginseng Research 2020; 44 (2) 229-237.
- Chong A. Perfusion Scintigraphy for the Evaluation of Patients with Raynaud's Phenomenon. Nuclear Medicine and Molecular Imaging 2020; 54 (6) 269-273.
- Chowdhury JM, Patel M, Zheng M, Abramian O, Criner GJ. Mobilization and preparation of a large urban academic center during the COVID-19 Pandemic. Annals of the American Thoracic Society 2020; 17 (8) 922-925.
- Christie D, Chanchlani N, Salehian S. Fever and tachypnoea in a child. 2019; BMJ (Online), 365, art. no. l1288.
- Chuah YY, Lee YY, Lin LF, Kuo CJ. Fatal anaphylaxis of ranitidine injection: Have we not learnt the lesson yet? Acta Gastro-Enterologica Belgica 2019; 82 (3): 449-450.
- Chung S-Y, Chou FH-C. Lessons learned from SARS to COVID-19 in the Taiwanese population. Asian Journal of Psychiatry 2020; 54 art. no. 102299.
- Chung Y-T, Yeh C-Y, Shu Y-C, Chuang K-T, Chen C-C, Kao H-Y, Ko W-C, Chen P-L, Ko N-Y. Continuous temperature monitoring by a wearable device for early detection of febrile events in the SARS-CoV-2 outbreak in Taiwan 2020. Journal of Microbiology Immunology and Infection 2020; 53 (3) 503-504.
- Clemente M, Amarante J, Moreira A, Ferreira A, Vardasca R, Mendes J. The Functional Interdependence of Wind Instrumentalists' Embouchure and Their Craniofacial Features. International Journal of Online Engineering 2019, 15(13), 17-32
- Clemente MP, Mendes J, Vardasca R, Moreira A, Branco CA, Ferreira AP, Amarante JM. Infrared thermography of the crânio-cervico-mandibular complex in wind and string instrumentalists. International Archives of Occupational and Environmental Health 2020; 93 (5) 645-658.

- Clijser R, Leoni D, Schneebeli A, Cescon C, Soldini E, Li L, Barbero M. Does the Application of Tecar Therapy Affect Temperature and Perfusion of Skin and Muscle Microcirculation? A Pilot Feasibility Study on Healthy Subjects. *Journal of Alternative and Complementary Medicine* 2020; 26 (2) 147-153.
- Coiffard B, Diallo AB, Culver A, Antonini F, Hammad E, Leone M, Mege J-L. Exacerbation of circadian rhythms of core body temperature and sepsis in trauma patients. *Journal of Critical Care* 2020; 60 23-26.
- Colella O, Miller M, Boone E, Buffington-Lester S, Curran FJ, III Simmons T. The Effect of Time and Temperature on the Persistence and Quality of Latent Fingerprints Recovered from 60-Watt Incandescent Light Bulbs. *Journal of Forensic Sciences* 2020; 65 (1) 90-96.
- Colim A, Arezes P, Flores P, Vardasca R, Braga AC. Thermographic differences due to dynamic work tasks on individuals with different obesity levels: a preliminary study. *Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization* 2020; 8 (3) 323-333.
- Condello I, Moscarelli M, Santarpino G, Fattouch K, Nasso G, Speziale G. Water condensation from gas outlet of oxygenator. *Journal of Cardiac Surgery* 2020; 35 (8) 2039-2040.
- Condello I. Thermographic imaging in myocardial protection: Is it feasible? *Journal of Vascular Surgery* 2020; 72 (6) 2216-2217.
- Cornacchia S, la Tegola L, Maldera A, Pierpaoli E, Tupputi U, Ricatti G, Eusebi L, Salerno S, Guglielmi G. Radiation protection in non-ionizing and ionizing body composition assessment procedures, *Quantitative Imaging in Medicine and Surgery* 2020; 10 (8) 1723-1738.
- Corsini Campioli C, Barth D, Esquer Garrigos Z, Abu Saleh O, Sohail RM, Sia IG. Linezolid and fentanyl: An underrecognized drug-to-drug interaction. *Journal of Clinical Pharmacy and Therapeutics* 2020; 45 (4) 825-827.
- Côrte AC, Pedrinelli A, Marttos A, Souza IFG, Grava J, José Hernandez, A. Infrared thermography study as a complementary method of screening and prevention of muscle injuries: Pilot study. *BMJ Open Sport and Exercise Medicine* 2019; 5 (1), art. no. e000431.
- Corte JD, De Souza RA, Neves EB, da Silva JB, Vignoli FA, Torres JPB, de Castro JBP, Silva LLE. Thermal responses of the thighs of university handball players after a resistance training session using leg extension exercises. *Journal of Physical Education and Sport* 2020; 20 art. no. 384 2829-2838.
- Corte JD, Pereira WLM, Corrêa EELS, De Oliveira JGM, Lima BLP, De Castro JBP, Lima VP. Influence of power and maximal strength training on thermal reaction and vertical jump performance in Brazilian basketball players: A preliminary study. *Biomedical Human Kinetics* 2020; 12 (1) 91-100.
- Cortez ACL, Pitanga FJG, Almeida-Santos MA, Nunes RAM, Botero-Rosas DA, Dantas EHM. Centers of physical activities and health promotion during the COVID-19 pandemic, *Revista da Associacao Medica Brasileira* 2020; 66 (10) 1328-1334.
- Cosoroaba M-R, Cirin L, Anghel MD, Talpos-Niculescu CI, Argesanu V, Farkas AZ, Negruțiu ML. The use of thermal imaging in evaluating musculoskeletal disorders in dentists. *Journal of medicine and life* 2019; 12 (3): 247-252.
- Costa AC, Oliveira CAB, Certo M. Emphysematous gastritis: A terrifying presentation. *BMJ Case Reports* 2020; 13 (12) art. no. e239208.
- Crawford F, Chappell FM, Lewsey J, Riley R, Hawkins N, Nicolson D, Heggie R, Smith M, Horne M, Amanna A, Martin A, Gupta S, Gray K, Weller D, Brittenden J, Leese G. Risk assessments and structured care interventions for prevention of foot ulceration in diabetes: Development and validation of a prognostic model. *Health Technology Assessment* 2020; 24 (62) 1-232.
- Crawford F, Nicolson DJ, Amanna AE, Martin A, Gupta S, Leese GP, Heggie R, Chappell FM, McIntosh HH. Preventing foot ulceration in diabetes: systematic review and meta-analyses of RCT data. *Diabetologia* 2020; 63 (1) 49-64.

Creed MA, Ballesteros E, Jr LJG, Imitola J. Mild COVID-19 infection despite chronic B cell depletion in a patient with aquaporin-4-positive neuromyelitis optica spectrum disorder. *Multiple Sclerosis and Related Disorders* 2020; 44 art. no. 102199.

Cronin EM, Bogun FM, Aguinaga L, Sapp JL, Jr, Stevenson WG. Reply to the Editor—Temperature measurement from both electrodes during bipolar radiofrequency ablation—It is feasible. *Heart Rhythm* 2020; 17 (1) p, e1.

Cruz-Segura A, Cruz-Domínguez, MP, Jara LJ, Miliar-García Á, Hernández-Soler A, Grajeda-López, P, Martínez-Bencomo MA, Montes-Cortés DH. Early Detection of Vascular Obstruction in Microvascular Flaps Using a Thermographic Camera. *Journal of Reconstructive Microsurgery* 2019; 35 (7): 541-548.

Cugmas B, Spigulis J. Biophotonics in veterinary medicine: The first steps toward clinical translation. *Progress in Biomedical Optics and Imaging - Proceedings of SPIE* 2019; 10885, art. no. 108850I.

Curto S, Aklan B, Mulder T, Mils O, Schmidt M, Lamprecht U, Peller M, Wessalowski R, Lindner LH, Fietkau R, Zips D, Bellizzi GG, van Holthe N, Franckena M, Paulides MM, van Rhoon GC. Quantitative multi-institutional evaluation of MR thermometry accuracy for deep-pelvic MR-hyperthermia systems operating in multi-vendor MR-systems using a new anthropomorphic phantom. *Cancers* 2019; 11 (11), art. no. 1709.

Curto S, Mulder HT, Aklan B, Mils O, Schmidt M, Lamprecht U, Peller M, Wessalowski R, Lindner LH, Fietkau R, Zips D, van Holthe N, Franckena M, Paulides MM, van Rhoon GC. A multi-institution study: comparison of the heating patterns of five different MR-guided deep hyperthermia systems using an anthropomorphic phantom. *International Journal of Hyperthermia* 2020; 37 (1) 1103-1115.

Cusworth DH, Duren RM, Thorpe AK, Tseng E, Thompson D, Guha A, Newman S, Foster KT, Miller CE. Using remote sensing to detect validate and quantify methane emissions from California solid waste operations. *Environmental Research Letters* 2020; 15 (5) art. no. 054012.

Cwajda-Bałasik J, Mościcka P, Jawień A, Szewczyk MT. Infrared thermography to prognose the venous leg ulcer healing process—preliminary results of a 12-week prospective observational study. *Wound Repair and Regeneration* 2020; 28 (2) 224-233.

Czerny M, Schmidli J, Adler S, van den Berg JC, Bertoglio L, Carrel T, Chiesa R, Clough RE, Eberle B, Etz, C, Grabenwöger M, Haulon S, Jakob H, Kari FA, Mestres CA, Pacini D, Resch T, Rylski B, Schoenhoff F, Shrestha M, von Tengg-Kobligk H, Tsagakis K, Wyss TR. Editor's Choice – Current Options and Recommendations for the Treatment of Thoracic Aortic Pathologies Involving the Aortic Arch: An Expert Consensus Document of the European Association for Cardio-Thoracic Surgery (EACTS) & the European Society for Vascular Surgery (ESVS). *European Journal of Vascular and Endovascular Surgery* 2019; 57 (2): 165-198.

D'souza AW, Notley SR, Brown EK, Poirier MP, Kenny GP. The hexoskin physiological monitoring shirt does not impair whole-body heat loss during exercise in hot-dry conditions. *Applied Physiology Nutrition and Metabolism* 2019; 44 (3): 332-335.

da Paz JA, de Menezes FD, Selva TMG, Navarro M, da Costa JÂP, da Silva RD, Villa AAO, Vilar M. Sonoelectrochemical hydrogenation of safrole: A reactor design statistical analysis and computational fluid dynamic approach. *Ultrasonics Sonochemistry* 2020; 63 art. no. 104949.

Da Silva BP, Souza GADS, Filho AADN, Pinto AP, Guimarães CL, Pereira APC, Neves MFD, Martins PSLL, Lima FPS, Lopes-Martins RAB, Lima MO. Analysis of the effects of low-level laser therapy on muscle fatigue of the biceps brachii muscle of healthy individuals and spastic individuals: Study protocol for a single-center randomized double-blind and controlled clinical trial. *Medicine (United States)* 2019; 98 (39), art. no. e17166.

da Silveira YG, Kajiura C, Bernardes FJL, Maria SP, Fernandes MP, Frasson MT, Cassino P, Moreira SH, Gómez JL, Pazzini JM, de Nardi AB, Moraes PC. Use of thermography in skin grafts after the application of therapeutic ultrasound in wistar rats. *Acta Cirurgica Brasileira* 2020; 35 (7) art. no. e202000703 1-7.

- Daffara C, Muradore R, Piccinelli N, Gaburro N, de Rubeis T, Ambrosini D. A cost-effective system for aerial 3d thermography of buildings. *Journal of Imaging* 2020; 6 (8) art. no. 76.
- Dahis D, Azhari H. Speed of Sound and Attenuation Temperature Dependence of Bovine Brain: Ex Vivo Study. *Journal of Ultrasound in Medicine* 2020; 39 (6) 1175-1186.
- Dakappa PH, Rao SB, Ganaraja B, Bhat GK, Mahabala C. Unique temperature patterns in 24-h continuous tympanic temperature in tuberculosis. *Tropical Doctor* 2019; 49 (2): 75-79.
- Dalla Volta G, Marceglia S, Zavarise P, Antonaci F. Cathodal tDCS Guided by Thermography as Adjunctive Therapy in Chronic Migraine Patients: A Sham-Controlled Pilot Study. *Frontiers in Neurology* 2020; 11 art. no. 121.
- Dallimore SM, Puli N, Kim D, Kaminski MR. Infrared dermal thermometry is highly reliable in the assessment of patients with Charcot neuroarthropathy. *Journal of Foot and Ankle Research* 2020; 13 (1) art. no. 456.
- Dalugama C, Nanayakkara M, Rathnayaka N, Medagama A. Atypical case of hantavirus infection in Sri Lanka mimicking leptospirosis: A case report. *Journal of Medical Case Reports* 2020; 14 (1) art. no. 71.
- Dalvin LA, Spaide RF, Yannuzzi LA, Freund KB, Pulido JS. Hydration folds in rhegmatogenous retinal detachment. *Retinal cases & brief reports* 2020; 14 (4) 355-359.
- Damianou C, Giannakou M, Evripidou N, Kegel S, Huber P, Jenne J. Focused ultrasound robotic system for very small bore magnetic resonance imaging. *International Journal of Medical Robotics and Computer Assisted Surgery* 2020; 16 (6) 1-9.
- Darrow DP, O'Brien P, Richner TJ, Netoff TI, Ebbini ES. Reversible neuroinhibition by focused ultrasound is mediated by a thermal mechanism. *Brain Stimulation* 2019; 12 (6): 1439-1447.
- Das A, Mitra S, Agarwal P, Sengupta A. Prolonged intra-operative thermal exposure in endoscopic ear surgery: Is it really safe?. *Journal of Laryngology and Otology* 2020; 134 (8) 727-731.
- Das K, Bhowmik MK, Chowdhury O, Bhattacharjee D, De BK. Accurate segmentation of inflammatory and abnormal regions using medical thermal imagery. *Australasian Physical and Engineering Sciences in Medicine* 2019; 42 (2): 647-657.
- Das K, Bhowmik MK, Chowdhury O, Bhattacharjee D, De BK. Accurate segmentation of inflammatory and abnormal regions using medical thermal imagery. *Australasian Physical and Engineering Sciences in Medicine* 2019; 42 (2): 647-657
- Datta NR, Kok HP, Crezee H, Gaipol US, Bodis S. Integrating Loco-Regional Hyperthermia Into the Current Oncology Practice: SWOT and TOWS Analyses. *Frontiers in Oncology* 2020; 10 art. no. 819.
- de Araujo WJB, Timi JRR, Kotze LR, Vieira da Costa CR. Comparison of the effects of endovenous laser ablation at 1470 nm versus 1940 nm and different energy densities. *Phlebology* 2019; 34 (3): 162-170.
- de Carvalho G, Gobbi A, Gobbi RB, Alfredo DMN, do Carmo Furquim TH, Barbosa RI, Papoti M, de Jesus Guirro RR. Photobiomodulation by light emitting diode applied sequentially does not alter performance in cycling athletes. *Lasers in Medical Science* 2020; 35 (8) 1769-1779.
- de Estéfani D, Ruschel C, Benincá IL, dos Santos Haupenthal DP, de Avelar NCP, Haupenthal A. Volume of water added to crushed ice affects the efficacy of cryotherapy: a randomised single-blind crossover trial. *Physiotherapy* 2020; 107 81-87.
- De Farias TMT, De Lima ME, Da Silva Mattos S, De Araujo JSS, Mozer LRDN, Mourato FA. Automatic Segmentation of Neonates Thermal Imaging for Evaluation of Trunk Thermal Asymmetry. *Proceedings - 2018 IEEE International Conference on Bioinformatics and Biomedicine BIBM* 2019, art. no. 8621553: 989-992.
- De Fazio C, Skrifvars MB, Søreide E, Creteur J, Grejs AM, Kjærgaard J, Laitio T, Nee J, Kirkegaard H, Taccone FS. Intravascular versus surface cooling for targeted temperature management after out-of-hospital cardiac arrest: An analysis of the TTH48 trial. *Critical Care* 2019; 23 (1), art. no. 61

- De Font-Réaulx E, Lluch JT, López RL, Bialik PS, Corona MÁC, López LGD, Tirado EA, Navarrete ER, Astiazarán AG. Thermography mapping patterns in temporal lobe epilepsy surgery. *Surgical Neurology International* 2020; 11 (30) art. no. 30.
- De Font-Réaulx E, López RL, López LGD. Infrared thermography mapping plus neuronavigation target location in an eloquent area cavernoma resection. *Surgical Neurology International* 2020; 11 (44) art. no. 44.
- De Luna G, Habibi A, Deux J-F, Colard M, Pham Hung d'Alexandry d'Orengiani A-L, Schlemmer F, Joher N, Kassasseya C, Pawlotsky JM, Ourghanian C, Michel M, Mekontso-Dessap A, Bartolucci P. Rapid and severe Covid-19 pneumonia with severe acute chest syndrome in a sickle cell patient successfully treated with tocilizumab. *American Journal of Hematology* 2020; 95 (7) 876-878.
- de Melo DP, Bento PM, Peixoto LR, Martins SKLD, Martins CC. Is infrared thermography effective in the diagnosis of temporomandibular disorders? A systematic review. *Oral Surgery Oral Medicine Oral Pathology and Oral Radiology* 2019; 127 (2): 185-192.
- De Nardi M, Silvani S, Ruggeri P, Luzi L, La Torre A, Codella R. Local cryostimulation acutely preserves maximum isometric handgrip strength following fatigue in young women. *Cryobiology* 2019, 87, 40-46
- de Oliveira BD, Oyama H, Hardy CA, de Melo SL, Pisani CF, Chokr MO, Balbo C, da Costa Darrieux FC, Hachul DT, Chaves DM, de Almeida Artifon EL, Cestari IA, Sakai P, Scanavacca MI. Comparative study of strategies to prevent esophageal and periesophageal injury during atrial fibrillation ablation. *Journal of Cardiovascular Electrophysiology* 2020; 31 (4) 924-933.
- De Rose DU, Lazzareschi I, Serrao F, Maggio L, Coppola M, Hindocha H, Vento G, Gallini F. Therapeutic Hypothermia and Leukocytosis in Newborns: An Unusual Association. *Journal of Pediatric Hematology/Oncology* 2020; 42 (8) e759-e761.
- De Souza MA, Bueno AP, Magas V, Nogueira Neto GN, Nohama P. Imaging Fusion between Anatomical and Infrared Thermography of the Thyroid Gland. *Pan American Health Care Exchanges PAHCE*, 2019-March art. no. 8717347.
- De Stefani E, Ardizzi M, Nicolini Y, Belluardo M, Barbot A, Bertolini C, Garofalo G, Bianchi B, Coudé, G, Murray L, Ferrari PF. Children with facial paralysis due to Moebius syndrome exhibit reduced autonomic modulation during emotion processing. *Journal of Neurodevelopmental Disorders* 2019; 11 (1), art. no. 12.
- Dębiec-Bąk A, Skrzek A, Wozniewski M, Malicka I, Using Thermography in the Diagnostics of Lymphedema: Pilot Study. *Lymphatic Research and Biology* 2020; 18 (3) 247-253.
- Dębiec-Bąk A, Wójtowicz D, Pawik Ł, Ptak A, Skrzek A. Analysis of body surface temperatures in people with Down syndrome after general rehabilitation exercise. *Journal of Thermal Analysis and Calorimetry* 2019, 135(4), 2399-2410
- De-Colle C, Weidner N, Heinrich V, Brucker S, Hahn M, MacMillan K, Lamprecht U, Gaupp S, Voigt O, Zips D. Hyperthermic chest wall re-irradiation in recurrent breast cancer: a prospective observational study. *Strahlentherapie und Onkologie* 2019; 195 (4): 318-326.
- Dehkharghani S, Qiu D. MR thermometry in cerebrovascular disease: Physiologic basis hemodynamic dependence and a new frontier in stroke imaging. *American Journal of Neuroradiology* 2020; 41 (4) 555-565.
- Dehkhoda F, Soltan A, Ponon N, O'Neill A, Jackson A, Degenaar P. A current-mode system to self-measure temperature on implantable optoelectronics. *BioMedical Engineering Online* 2019; 18 (1), art. no. 117.
- del Arroyo AG, Sanchez, J, Patel S, Phillips S, Reyes A, Cubillos C, Fernando R, David AL, Reeve A, Sodha S, Ciechanowicz, S, Olearo E, Dick J, Stewart A, Sultan P, Ackland GL, EPIFEVER Investigators. Role of leucocyte caspase-1 activity in epidural-related maternal fever: a single-centre observational mechanistic cohort study. *British Journal of Anaesthesia* 2019; 122 (1): 92-102.

Delestri LFU, Ito K, Seng GH, Shakhii MFM, Wahab AA. Thermal profiling analysis for asymmetrically embedded tumour with different breast densities. *Malaysian Journal of Medicine and Health Sciences* 2020; 16: 6-12.

Demo H, Willoughby C, Jazayeri M-A, Razminia M. Fluoroless Catheter Ablation of Cardiac Arrhythmias. *Cardiac Electrophysiology Clinics* 2019; 11 (4): 719-729.

Deneke T, Halbfass P, Pürerfellner H. High-power short duration ablation for pulmonary vein isolation: Simply cranking up the energy? *Europace* 2020; 22 (3) 335-337.

Deng L, Ji L, Meng Z, Gan Y, Cheng G. Family cluster of asymptomatic infections with COVID-19: A case series of 4 patients. *Quantitative Imaging in Medicine and Surgery* 2020; 10 (5) 1127-1132.

Der Sarkissian S, Tjokrowidjaja A, Sebaratnam DF, Gupta M. Response of a tertiary dermatology department to COVID-19. *Australasian Journal of Dermatology* 2020; 61 (4) e468-e469.

Derakhshan A, Mikaeili M, Nasrabadi AM, Gedeon T. Network physiology of 'fight or flight' response in facial superficial blood vessels. *Physiological Measurement* 2019; 40 (1), art. no. 014002.

Derakhshan JJ, Parvin N, Loevner LA, Wehrli FW, McKinstry RC. Effects of motion and b-value on apparent temperature measurement by diffusion-based thermometry MRI: eye vitreous study. *Medical Physics* 2020; 47 (10) 5006-5019.

Derkenne C, Travers S, Kedzierewicz R, Jost D, Prunet B, Martinaud C. Performances of iceless containers for lightweight transport of Red Cell Concentrate units during military operations. *Transfusion Clinique et Biologique* 27 2020; (2) 98-102.

Desai VR, Jenson AV, Hoverson E, Desai RM, Boghani Z, Lee MR. Stereotactic laser ablation for subependymal giant cell astrocytomas: personal experience and review of the literature. *Child's Nervous System* 2020; 36 (11) 2685-2691.

Desruelle A-V, Louge P, Richard S, Blatteau J-E, Gaillard S, De Maistre S, David H, Risso J-J, Vallée N. Demonstration by infra-red imaging of a temperature control defect in a decompression sickness model testing minocycline. *Frontiers in Physiology* 2019; 10 (7), art. no. 933.

Dhaliwal K, Griffin MF, Salinas S, Howell K, Denton CP, Butler PEM. Optimisation of botulinum toxin type a treatment for the management of Raynaud's phenomenon using a dorsal approach: a prospective case series. *Clinical Rheumatology* 2019; 38 (12): 3669-3676.

Di Dia A, Maggio A, Gabriele D, Cattari G, Bresciani S, Miranti A, Carillo V, D'Angelo S, Dall'Oglio S, Donato V, Ferrara T, Maluta S, Stasi M, Gabriele P. Quality indicators for hyperthermia treatment: Italian survey analysis. *Physica Medica* 2020; 70 118-122.

Di G, Xia C, Yao S, Chen X, Wu Z, Hu L, Wang J. Simple and effective primary assessment of emergency patients in a COVID-19 outbreak area: A retrospective observational study. *Risk Management and Healthcare Policy* 2020; 13 1253-1260.

Diaz-Piedra C, Gomez-Milan E, Di Stasi LL. Nasal skin temperature reveals changes in arousal levels due to time on task: An experimental thermal infrared imaging study. *Applied Ergonomics* 2019, 81, 102870

Dicarlo AL, Bandremer AC, Hollingsworth BA, Kasim S, Laniyonu A, Todd NF, Wang S-J, Wertheimer ER, Rios CI. Cutaneous Radiation Injuries: Models Assessment and Treatments1. *Radiation Research* 2020; 194 (3) 315-344.

Dickey KW, Levi-Polyachenko N. Making the most of focused ultrasound: Tissue heating to improve chemotherapy release. *Radiology* 2019; 291 (1): 239-240.

Dietrich WD. Stay Safe and Healthy. *Therapeutic Hypothermia and Temperature Management* 2020; 10 (2) p, 85.

Dietrich WD. Summer-Time for the Journal. *Therapeutic Hypothermia and Temperature Management* 2019; 9 (2), p. 97

Digonnet A, Barbieux R, Moreau M, Dekeyser C, Quiriny M, Willemse E, de saint Aubain N, Cappello M, Donckier V, Bourgeois P. NIR Infrared imaging after peritumoral injection of indocyanine green to guide lymph node dissection in head and neck squamous cell carcinoma: A pilot feasibility study. *Oral Oncology* 2020; 104 art. no. 104621.

Dikkaya F, Seyhan S, Erdur SK, Şentürk F, Aras C. Optical coherence tomography and fundus autofluorescence imaging in an infant with RD3-related leber congenital amaurosis, *Ophthalmic Genetics* 2020; 41 (1) 79-82.

Dimitri M, Staderini F, Brancadoro M, Frosini F, Coratti A, Capineri L, Corvi A, Cianchi F, Biffi Gentili G. A new microwave applicator for laparoscopic and robotic liver resection. *International Journal of Hyperthermia* 2019; 36 (1): 75-86.

Ding Z, Kongkam P, Luangsukrerk T, Liu J, Cheng Y, Ratanachu-Ek T, Rernknimitr R. Gut feeling from Wuhan: advice for gastrointestinal endoscopy performed during the COVID-19 outbreak. *Endoscopy* 2020; 52 (7) E261-E262.

Dixit N, Pauly JM, Scott GC. Thermo-acoustic ultrasound for noninvasive temperature monitoring at lead tips during MRI. *Magnetic Resonance in Medicine* 2020; 84 (2) 1035-1047.

Dobšíček Trefná, H, Schmidt M, van Rhooij GC, Kok HP, Gordeyev SS, Lamprecht U, Marder D, Nadobny J, Ghadjar P, Abdel-Rahman S, Kukielka AM, Strnad V, Hurwitz, MD, Vujaskovic Z, Diederich CJ, Stauffer PR, Crezee J. Quality assurance guidelines for interstitial hyperthermia. *International Journal of Hyperthermia* 2019; 36 (1): 277-294.

Dodd RY, Stramer SL. COVID-19 and Blood Safety: Help with a Dilemma. *Transfusion Medicine Reviews* 2020; 34 (2) 73-74.

Doesburg F, Smit JM, Paans W, Onrust M, Nijsten MW, Dieperink W. Use of infrared thermography in the detection of superficial phlebitis in adult intensive care unit patients: A prospective single-center observational study. *PLoS ONE* 2019, 14(3) e0213754

Dommerholt J, Chou L-W, Finnegan M, Hooks T. A critical overview of the current myofascial pain literature – February 2019. *Journal of Bodywork and Movement Therapies* 2019; 23 (2): 295-305.

Dong C, Yu Z, Ma X. Visualizing the Pharmacologic Preconditioning Effect of Botulinum Toxin Type A by Infrared Thermography in a Rat Pedicled Perforator Island Flap Model. *Plastic and Reconstructive Surgery* 2020; 146 (2) 230e-231e,

Dörr R. Protecting patients and healthcare personnel from COVID-19: considerations for practice and outpatient care in cardiology. *Herz* 2020; 45 (4) 319-320.

Doughty A, Li Y, Wang M, Zhou F, Saunders D, Smith N, Towner R, Chen WR. Magnetic resonance imaging thermometry for laser immunotherapy in orthotopic pancreatic cancer. *Progress in Biomedical Optics and Imaging - Proceedings of SPIE* 2019; 10879, art. no. 1087916.

Doughty A, Li Y, Wang M, Zhou F, Saunders D, Smith N, Towner R, Chen WR. Magnetic resonance imaging thermometry for laser immunotherapy in orthotopic pancreatic cancer. *Progress in Biomedical Optics and Imaging - Proceedings of SPIE* 2019; 10879, art. no. 1087916.

Drost T, Reimann S, Frentzen M, Meister J. Effectiveness of photopolymerization in composite resins using a novel 445-nm diode laser in comparison to LED and halogen bulb technology. () *Lasers in Medical Science* 2019, 34 (4) 729-736

Du N, OuYang Y, Chen Y. The experience of prevention measures taken by the psychiatric hospital during the emergence of asymptomatic patients with COVID-19. *Psychiatry Research* 2020; 291 art. no. 113109.

Dubey PK, Ram GK. Double trouble: Airway management in a patient with a massive anterior mediastinal tumor complicated by a thyroid mass. *Annals of Cardiac Anaesthesia* 2020; 23 (3) 377-379.

Duff JP, Topjian AA, Berg MD, Chan M, Haskell SE, Joyner BL, Jr, Lasa JJ, Jill Ley S, Raymond TT, Sutton RM, Hazinski MF, Atkins DL. 2019 American Heart Association focused update on pediatric

advanced life support: An update to the American Heart Association guidelines for cardiopulmonary resuscitation and emergency cardiovascular care. *Pediatrics* 2020; 145 (1) e20191358

Dusitkasem S, Rattanasiriphibun P, Wirachpisit N. Axillary versus rectal temperature monitoring in patients undergoing ear nose and throat surgery under general anesthesia. *Journal of the Medical Association of Thailand* 103 2020; (9) 845-849.

Earland D, Buchwald AG, Sixpence A, Chimenya M, Damson M, Seydel KB, Mathanga DP, Taylor TE, Laufer MK. Impact of multiplicity of plasmodium falciparum infection on clinical disease in Malawi. *American Journal of Tropical Medicine and Hygiene* 2019; 101 (2): 412-415.

Ebcem SG. Interrupted Chain of Transmission in a Pediatric COVID-19 Case, *Klinische Padiatrie* 2020; 232 (5) 272-274.

Ebenso B, Otu A. Can Nigeria contain the COVID-19 outbreak using lessons from recent epidemics? *The Lancet Global Health* 2020; 8 (6) p, e770.

Edwards G, Freeman K, Llewelyn MJ, Hayward G. What diagnostic strategies can help differentiate cellulitis from other causes of red legs in primary care? *The BMJ* 2020; 368 art. no. m54.

Edwards MS, Ratnavel N, Sakuja P. Temperature fluctuations in term infants receiving therapeutic hypothermia prior to and during neonatal transport. *Archives of Disease in Childhood: Fetal and Neonatal Edition* 2020; 105 (6) 681.

Egawa M, Koizumi K, Hirao T. Changes in facial moisture distribution and feelings of moisture/dryness among various environmental temperatures and humidities in summer and winter. *Skin Research and Technology* 2020; 26 (6) 937-948.

Eichberg DG, Komotor RJ, Ivan ME. Commentary: Characterization of magnetic resonance thermal imaging signal artifact during magnetic resonance guided laser-induced thermal therapy. *Operative Neurosurgery* 2020; 19 (5) E512-E513.

Eidenschink M, Beard A, Ewart D. Paraneoplastic Migratory Oligoarthritis in a Patient With Malignant Mesothelioma. *American Journal of Medicine* 2019; 132 (11): e801-e802.

Eigentler TW, Winter L, Han H, Oberacker E, Kuehne A, Waiczies H, Schmitter S, Boehmert L, Prinz C, Trefna HD, Niendorf T. Wideband Self-Grounded Bow-Tie Antenna for Thermal MR. *NMR in Biomedicine* 2020; 33 (5) art. no. e4274.

Ekici S, Jawzal H. Breast cancer diagnosis using thermography and convolutional neural networks. *Medical Hypotheses* 2020; 137 art. no. 109542.

Elgamasy S, Kamel MG, Ghozy S, Khalil A, Morra ME, Islam SMS. First case of focal epilepsy associated with SARS-coronavirus-2. *Journal of Medical Virology* 2020; 92 (10) 2238-2242.

Eliav U, Wehrli FW, Navon G. New insight into the organization of myelin water using deuterium NMR. *Magnetic Resonance in Medicine* 2020; 84 (2) 535-541.

Elkin K, Daveluy S, Avanaki K. Review of imaging technologies used in Hidradenitis Suppurativa. *Skin Research and Technology* 2020; 26 (1) 3-10.

Elkoudi A, Mounir K, Atmani W, Balkhi H. Management of a patient with Shapiro syndrome variant during pregnancy. *International Journal of Obstetric Anesthesia* 2020; 43 87-88.

Elphick HE, Alkali AH, Kingshott RK, Burke D, Saatchi R. Exploratory Study to Evaluate Respiratory Rate Using a Thermal Imaging Camera. *Respiration* 2019; 97 (3): 205-212.

Elsner AE, Papay JA, Johnston KD, Sawides L, de Castro A, King BJ, Jones DW, Clark CA, Gast TJ, Burns SA. Cones in ageing and harsh environments: the neural economy hypothesis. *Ophthalmic and Physiological Optics* 2020; 40 (2) 88-116.

Englisz-Jurgielewicz B, Cholewka A, Firganek E, Knefell G, Kawecki M, Glik J, Nowak M, Sieroń K, Stanek A. Evaluation of hyperbaric oxygen therapy effects in hard-to-heal wound using thermal imaging and planimetry. *Thermology international* 2019, 29(2) 80-81

Englisz-Jurgielewicz B, Poletek J., Winkler R, Teuster Ł, Sieroń K, Siemianowicz A, Stanek A, Cholewka A- Side curvature spine evaluation for children by using thermal imaging and x-ray. Thermology international 2019, 29(2) 79

Eniko K, János G, Béla M, Endre Z. Possibilities of post-resuscitation neuroprotection in 2019. Orvosi Hetilap 2019; 160 (46): 1832-1839.

Erranki A, Mikhail AS, Negussie AH, Katti PS, Wood BJ, Partanen A. Tissue-mimicking thermochromic phantom for characterization of HIFU devices and applications. International Journal of Hyperthermia 2019; 36 (1) 518-529.

Erichev VP, Kosova DV, Kozlova IV. Thermography of ocular surface tissues in the assessment of aseptic postoperative inflammation. Vestnik Oftalmologii 2020; 136 (6) 15-18.

Esen O, Yilmaz G, Aydin N. Perioperative hypothermia in pediatric patients operated in a tertiary care center: Incidence and correlates. Pakistan Journal of Medical Sciences 2020; 36 (4) 793-798.

Espinosa SM, Harper EP, Phillips MB. 19-Year-Old Man with Fevers Abdominal Pain and Cough. Mayo Clinic Proceedings 2020; 95 (10) e103-e108.

Esteve-Pérez, N, Ferrer-Robles A, Gómez-Romero G, Fabián-Gonzalez, D, Verd-Rodriguez, M, Mora-Fernandez, LC, Segura-Sampedro JJ, Tejada-Gavela S, Morales-Soriano R. Goal-directed therapy in cytoreductive surgery with hyperthermic intraperitoneal chemotherapy: a prospective observational study. Clinical and Translational Oncology 2019; 21 (4): 451-458

Eze IC, Essé, C, Bassa FK, Koné, S, Acka F, Schindler C, Imboden M, Laubhouet-Koffi V, Kouassi D, N'Goran EK, Utzinger J, Bonfoh B, Probst-Hensch N. Asymptomatic Plasmodium infection and glycemic control in adults: Results from a population-based survey in south-central Côte d'Ivoire. Diabetes Research and Clinical Practice 2019; 156, art. no. 107845.

Fahradyan V, Said SA-D. Ordenana C, Dalla Pozza E, Frautschi R, Duraes EFR, Madajka-Niemeyer M, Papay FA, Rampazzo A, Bassiri Gharb B. Extended ex vivo normothermic perfusion for preservation of vascularized composite allografts. Artificial Organs 2020; 44 (8) 846-855.

Fahrenholz, SJ, Guo C, MacLellan CJ, Yung JP, Hwang K-P, Layman RR, Stafford RJ, Cressman E. Temperature mapping of exothermic in situ chemistry: imaging of thermoembolization via MR. International Journal of Hyperthermia 2019; 36 (1) 730-738.

Fais P, Mazzotti MC, Montisci M, Palazzo C, Leone O, Cecchetto G, Viel G, Pelotti S. Post-mortem thermal angiography: a pilot study on swine coronary circulation. International Journal of Legal Medicine 2019; 133 (2): 571-581

Falcón VC, Porras YVV, Altamirano CMG, Kartoglu U. A vaccine cold chain temperature monitoring study in the United Mexican States. Vaccine 2020; 38 (33) 5202-5211.

Faller TL, Trotier AJ, Rousseau AF, Franconi J-M, Miraux S, Ribot EJ. 2D multislice MP2RAGE sequence for fast T1 mapping at 7 T: Application to mouse imaging and MR thermometry. Magnetic Resonance in Medicine 2020; 84 (3) 1430-1440.

Fan Y, Yu D, Li D, Wang X. Prevention of Local Tumor Recurrence After Surgery by Thermosensitive Gel-Based Chemophotothermal Therapy in Mice. Lasers in Surgery and Medicine 2020; 52 (7) 682-691.

Faqihi F, Alharthy A, Noor A, Balshi A, Balhamar A, Karakitsos D. COVID-19 in a patient with active tuberculosis: A rare case-report. Respiratory Medicine Case Reports 2020; 31 art. no. 101146.

Farashahi A, Zare-Sadeghi A, Shakeri-Zadeh A, Kamran Kamrava S, Maleki S, Ghaznavi H, Faeghi F. Real-time mapping of heat generation and distribution in a laser irradiated agar phantom loaded with gold nanoparticles using MR temperature imaging. Photodiagnosis and Photodynamic Therapy 2019; 25: 66-73

Faraz Khan M, Dalli J, Cahill RA. Dynamic near-infrared carbon dioxide leak visualization detection during surgery using the FLIR GF343 optical imaging system. Surgical Endoscopy 2020; 34 (12) 5208-5210.

Farhadian S, Farhadian S, Glick LR, Vogels CBF, Thomas J, Chiarella J, Casanovas-Massana A, Zhou J, Odio C, Vijayakumar P, Geng B, Fournier J, Bermejo S, Fauver JR, Alpert T, Wyllie AL, Turcotte C, Steinle M, Paczkowski P, Dela Cruz C, Wilen C, Ko AI, Ko AI, MacKay S, Grubaugh ND, Spudich S, Barakat LA. Acute encephalopathy with elevated CSF inflammatory markers as the initial presentation of COVID-19. *BMC Neurology* 20 (1) art. no. 248.

Faridi P, Keselman P, Fallahi H, Prakash P. Experimental assessment of microwave ablation computational modeling with MR thermometry. *Medical Physics* 2020; 47 (9) 3777-3788.

Federici L, Picone O, Dreyfuss D, Sibiude J. Successful continuation of pregnancy in a patient with COVID-19-related ARDS. *BMJ Case Reports* 2020; 13 (8) art. no. 2020237511.

Federici LM, Caliman IF, Fitz, SD, Shekhar A, Johnson PL. Select panicogenic drugs and stimuli induce consistent increases in tail skin flushes and decreases in core body temperature. *Behavioural Pharmacology* 2019; 30 (4): 376-382.

Fenemor SP, Gill ND, Sims ST, Beaven CM, Driller MW. Validity of a Tympanic Thermometer and Thermal Imaging Camera for Measuring Core and Skin Temperature during Exercise in the Heat. *Measurement in Physical Education and Exercise Science* 2020; 24 (1) 49-55.

Feragalli B, Dugall M, Luzzi R, Ledda A, Hosoi M, Belcaro G, Cesarone MR. Pycnogenol®: Supplementary management of symptomatic osteoarthritis with a patch. An observational registry study. *Minerva Endocrinologica* 2019; 44 (1): 97-101.

Fernandes DA, Boteon YL, da Silva Boteon APC, Sousa RMP, Martins DL, Penachim TJ, de Oliveira Barros RH, de Cássia Perina Martins R, da Costa LBE, Cazzo E, Gestic MA, Chaim EA, Caserta NMG. Tubulovillous adenoma of the duodenal papilla: Radiological-endoscopic and anatopathological correlation in the surgical proposal. *Revista da Associacao Medica Brasileira* 2020; 66 (9) 1190-1195.

Fernandez, N, Lorenzo A, Chua M, Koyle MA, Farhat W, Matava C. Real-time kidney graft perfusion monitoring using infrared imaging during pediatric kidney transplantation. *Journal of Pediatric Urology* 2019; 15 (3): 222.e1-222.e7.

Ferrazzano GF, Ingenito A, Cantile T. COVID-19 disease in children: What dentists should know and do to prevent viral spread, the Italian point of view. *International Journal of Environmental Research and Public Health* 2020; 17 (10) art. no. 3642.

Ferreira ACR, Guida ACP, Piccini AA, Parisi JR, Sousa LD. Galvano-puncture and dermabrasion for striae distensae: a randomized controlled trial. *Journal of Cosmetic and Laser Therapy* 2019; 21 (1): 39-43.

Ferreira M, Rizzuti IF, Palange AL, Barbato MG, Di Francesco V, Di Francesco M, Decuzzi P. Optimizing the Pharmacological Properties of Discoidal Polymeric Nanoconstructs Against Triple-Negative Breast Cancer Cells. *Frontiers in Bioengineering and Biotechnology* 2020; 8 art. no. 5.

Ferrer CJ, Bartels LW, van der Velden TA, Grüll H, Heijman E, Moonen CTW, Bos C. Field drift correction of proton resonance frequency shift temperature mapping with multichannel fast alternating nonselective free induction decay readouts. *Magnetic Resonance in Medicine* 2020; 83 (3) 962-973.

Terriero DM, Fullerton HJ, Bernard TJ, Billingham L, Daniels SR, Debaun MR, Deveber G, Ichord RN, Jordan LC, Massicotte P, Meldau J, Roach ES, Smith ER. Management of stroke in neonates and children: A scientific statement from the American Heart Association/American stroke association. *Stroke* 2019; 50 (3): E51-E96.

Fidut-Wrońska J, Chołuj K, Chmiel J, Pikto-Pitkiewicz, K, Majcher P. Observation using thermography of post-operative reaction after fascial manipulation®. *Annals of Agricultural and Environmental Medicine* 2019; 26 (3): 468-471.

Fiering SN, Evans S. Introduction to thermal therapy and immunotherapy: at the crossroads of new discovery. *International Journal of Hyperthermia* 2019; 36 (sup1): 1-2.

Figueiredo AAA, do Nascimento JG, Malheiros FC, da Silva Ignacio LH, Fernandes HC, Guimaraes G. Breast tumor localization using skin surface temperatures from a 2D anatomic model without

knowledge of the thermophysical properties. Computer Methods and Programs in Biomedicine 2019; 172: 65-77.

Filipescu R, Powers C, Yu H, Yu J, Rothstein DH, Harmon CM, Clemency B, Guo WA, Bass KD. Improving the performance of the Revised Trauma Score using Shock Index Peripheral Oxygen Saturation and Temperature—a National Trauma Database study 2011 to 2015. Surgery 2020; 167 (5) 821-828.

Fisal AA, Abdel-Hamid Romeih M, Younes LM, El-Rosasy M, Rodriguez P, Liette MD, Masadeh S. Distally Based Medial Hemisoleus Muscle Flap for Wound Coverage in the Distal Third of the Leg. Clinics in Podiatric Medicine and Surgery 2020; 37 (4) 631-647.

Fisher B, Seese L, Sultan I, Kilic A. The importance of repeat testing in detecting coronavirus disease 2019 (COVID-19) in a coronary artery bypass grafting patient. Journal of Cardiac Surgery 2020; 35 (6) 1342-1344.

Fisher C, Weersink R, Gregor A, Goldstein A, Lim L, Valic M, Chen J, Chan R, Zheng G, Wilson BC. Assessment of optical detection methods for coagulation-front monitoring photothermal therapy of prostate cancer. Progress in Biomedical Optics and Imaging - Proceedings of SPIE 2019; 10852, art. no. 1085209.

Fitzwater J, Johnstone C, Schippers M, Cordoza M, Norman B. A comparison of oral axillary and temporal artery temperature measuring devices in adult acute care. MEDSURG Nursing 2019; 28 (1): 35-41.

Foerch C, Friedauer L, Bauer B, Wolf T, Adam EH. Severe COVID-19 infection in a patient with multiple sclerosis treated with fingolimod. Multiple Sclerosis and Related Disorders 2020; 42 art. no. 102180.

Fofana M, Buñay J, Judée F, Baron S, Menecier S, Nivoix M, Perisse F, Vacavant A, Balandraud X. Selective treatments of prostate tumor cells with a cold atmospheric plasma jet. Clinical Plasma Medicine 2020; 17-18 art. no. 100098.

Fong CS, Aghamohammadi N, Ramakreshnan L, Sulaiman NM. Evaluation of secondary school student's outdoor thermal comfort during peak urban heating hours in greater Kuala Lumpur. Journal of Health and Translational Medicine 2020; 23: 3-11.

Foo CPZ, Seabrook JA, Sangha G, Foster JR. Presumed Systemic Inflammatory Response Syndrome in the Pediatric Emergency Department. Pediatric Emergency Care 2019; 35 (8): 522-526.

Ford JB, Ganguly M, Poorman ME, Grissom WA, Jenkins MW, Chiel HJ, Jansen ED. Identifying the Role of Block Length in Neural Heat Block to Reduce Temperatures During Infrared Neural Inhibition. Lasers in Surgery and Medicine 2020; 52 (3) 259-275.

Foy KE, Pearson J, Kettley L, Lal N, Blackwood H, Bould MD. Four early warning scores predict mortality in emergency surgical patients at University Teaching Hospital Lusaka: a prospective observational study. Canadian Journal of Anesthesia 2020; 67 (2) 203-212.

Fraga GS, Aidar FJ, Matos DG, Marçal AC, Santos JL, Souza RF, Carneiro AL, Vasconcelos AB, Silva-Grigoletto MED, van den Tillaar R, Cabral BT, Reis VM. Effects of ibuprofen intake in muscle damage body temperature and muscle power in paralympic powerlifting athletes. International Journal of Environmental Research and Public Health 2020; 17 (14) art. no. 5157 1-9.

François B, Laterre P-F, Luyt C-E, Chastre J. The challenge of ventilator-associated pneumonia diagnosis in COVID-19 patients. Critical Care 2020; 24 (1) art. no. 289.

Franco-Moreno A, Piniella-Ruiz E, Montoya-Adarraga J, Ballano-Franco C, Alvarez-Miguel F, Peinado-Martinez C, Landete-Hernandez E, Saez-Vaquero T, Ulla-Anes M, Torres-Macho J. Portal vein thrombosis in a patient with COVID-19. Thrombosis Research 2020; 194 150-152.

Freij BJ, Gebara BM, Tariq R, Wang A-M, Gibson J, El-Wiher N, Krasan G, Patek PM, Levasseur KA, Amin M, Fullmer JM. Fatal central nervous system co-infection with SARS-CoV-2 and tuberculosis in a healthy child. BMC Pediatrics 2020; 20 (1) art. no. 429.

Freitas MHBD, Lima LC, Couceiro TCDM, Costa MCFD, Freitas MHBD. Anesthesia and perioperative challenges for surgical separation of thoraco-omphalopagus twins: case report. Brazilian Journal of Anesthesiology 2019; 69 (2): 214-217.

Freymüller C, Eisel M, Ströbl S, Rühm A, Sroka R. Investigations on thermography in laser medicine. Progress in Biomedical Optics and Imaging - Proceedings of SPIE 2019; 11079, art. no. 1107909.

Fridey JL, Stramer SL, Nambiar A, Moayeri M, Bakkour S, Langelier C, Crawford E, Lu T, Lanteri MC, Kamm J, Miller S, Wagner SJ, Benjamin RJ, Busch MP. Sepsis from an apheresis platelet contaminated with *Acinetobacter calcoaceticus/baumannii* complex bacteria and *Staphylococcus saprophyticus* after pathogen reduction. Transfusion 2020; 60 (9) 1960-1969.

Fu B, Qian K, Fu X. Pre- and post-treatment chest CT changes in a patient with COVID-19. Medicina Clinica 2020; 155 (1) p, 49.

Fu Q, Li Z, Ye J, Li Z, Fu F, Lin S-L, Chang CA, Yang H, Song J. Magnetic targeted near-infrared II PA/MR imaging guided photothermal therapy to trigger cancer immunotherapy. Theranostics 2020; 10 (11) 4997-5010.

Fu X, Zhang L, Liu L, Lin Q, Liang H, Niu Y, Huang Z, Li N. Identification of intron in ORF003 gene and its application for inactivation test of ISKNV. Microbial Pathogenesis 2020; 138 art. no. 103822.

Fuentes D, Fahrenholtz SJ, Guo C, MacLellan CJ, Layman RR, Rivière B, Stafford RJ, Cressman E, Mathematical modeling of mass and energy transport for thermoembolization. International Journal of Hyperthermia 2020; 37 (1) 356-365.

Fuentes-Oliver EI, García-Segundo C, Serrano-Loyola R, Solalinde-Vargas R, Ortiz-Sosa R, Gastélum-Strozzi A. Quantification of thermal asymmetry in diabetic foot disease. In AIP Conference Proceedings 2019, 2090, (1). 040002.

Fujimoto S, Saito K, Kuwano K. A case of simultaneous onset of anti-melanoma differentiation-associated gene 5 antibody-positive dermatomyositis accompanied by interstitial pneumonia and pulmonary tuberculosis. International Journal of Rheumatic Diseases 2020; 23 (2) 273-275.

Fujita M, Takahashi A, Imaizumi H, Hayashi M, Okai K, Abe K, Ohira H. Endogenous Endophthalmitis Associated with Pyogenic Liver Abscess Caused by *Klebsiella pneumoniae*. Internal Medicine 2019; 58 (17): 2507-2514

Fukunaga M, Fujii K, Takahara M, Fujihara M, Utsunomiya M, Sasaki S, Tsubakimoto Y, Shiraki T, Inoue T, Aihara H, Iwasaki Y, Azuma K, Nakata T, Iida O, Yokoi H, Yokoi Y, Kawasaki D. Assessment of Microvasculature After Intervention as a Predictor of Wound Healing in Patients With Tissue Loss. JACC: Cardiovascular Interventions 2020; 13 (8) 976-985.

Fuller-Jackson J-P, Dordevic AL, Clarke IJ, Henry BA. Effect of sex and sex steroids on brown adipose tissue heat production in humans. European Journal of Endocrinology 2020; 183 (3) 343-355.

Fulton BA, Burton EF, Nance S, Letzen JE, Campbell CM. Experimenter- and Infrared Thermography-Derived Measures of Capsaicin-Induced Neurogenic Flare Among Non-Hispanic White and Black Adults. Pain medicine 2020; 21 (10) 2262-2270.

Futyma P, Ciapała K, Głuszczyk R, Sander J, Futyma M, Kułkowski P. Bipolar ablation of refractory atrial and ventricular arrhythmias: Importance of temperature values of intracardiac return electrodes. Journal of Cardiovascular Electrophysiology 2019; 30 (9): 1718-1726.

Futyma P, Kułkowski P. To the Editor—Temperature measurement from both electrodes during bipolar radiofrequency ablation—It is feasible. Heart Rhythm 2020; 17 (1) p, e1.

Gabrhel J, Popracova Z, Ammer K, Tauchmannova H. The value of thermography in the diagnosis of myofascial pathways distortions. Thermology international 2019, 29(2) 63-65

Gabrhel J, Popracová Z, Tauchmannová H. Thermographic and sonographic findings in patients with shoulder pain: A retrospective study for the period January 2010 to December 2019. Thermology International 2020; 30 (2) 58-66.

Gabriel P, Höcker J, Steinfath M, Kutschick KR, Lubinska J, Horn E-P. Prevention of inadvertent perioperative hypothermia – Guideline compliance in German hospitals. GMS German Medical Science 2019; 17, art. no. Doc07

Gachkar S, Oelkrug R, Herrmann B, Scanlan TS, Sun Q, Biebermann H, Hoefig CS, Schomburg L, Mittag J. N- And O-Acetylated 3-Iodothyronamines Have No Metabolic or Thermogenic Effects in Male Mice. European Thyroid Journal 2020; 9 (2) 57-66.

Gaffney KJ, Dahl EM, Stanton MP, Starek E, Zembillas AS. Rapid-infusion rituximab in a pediatric population. Journal of Pediatric Pharmacology and Therapeutics 2020; 25 (3) 215-219.

Gagliardo C, Midiri M, Cannella R, Napoli A, Wragg P, Collura G, Marrale M, Vincenzo Bartolotta T, Catalano C, Lagalla R. Transcranial magnetic resonance-guided focused ultrasound surgery at 1.5T: a technical note. Neuroradiology Journal 2019; 32 (2): 132-138.

Gagnon MF, Lafleur C, Landry-Cuerrier M, Humphries MM, Kimmins S. Torpor expression is associated with differential spermatogenesis in hibernating eastern chipmunks. American Journal of Physiology - Regulatory Integrative and Comparative Physiology 2020; 319 (4) R455-R465.

Gala-Bladzińska A, Zareba L, Zylka WM. An assessment of the role of thermal imaging of hands for its clinical usefulness in chronic hemodialysis patients. Thermology international 2020; 20(49): 121-127

Gałaj J, Saleta D. Impact of apartment tightness on temperature variability during a fire. International Journal of Environmental Research and Public Health 2020; 17 (12) art. no. 4590 1-20.

Galan-Carracedo J, Suarez-Segade A, Guerra-Balic M, Oviedo GR. The Dynamic and Correlation of Skin Temperature and Cardiorespiratory Fitness in Male Endurance Runners. International Journal of Environmental Research and Public Health 2019, 16(16) 2869

Gambier N, Warling J, Van Elsue N, Yegles M. AEME production in cocaine positive hair after thermal hair treatment. Forensic Science International 2019; 302, art. no. 109894.

Gamboa NT, Karsy M, Iyer RR, Bollo RJ, Schmidt RH. Stereotactic laser interstitial thermal therapy for brainstem cavernous malformations: two preliminary cases. Acta Neurochirurgica 2020; 162 (7) 1771-1775.

Ganon S, Guédon A, Cassier S, Atlan M. Contribution of thermal imaging in determining the depth of pediatric acute burns. Burns 2020; 46 (5) 1091-1099.

Gao L, Niu X, Niu T, Wang X, Lu X, Feng Q, Yang X. Curative efficacy of extract from Ganjiangdazao recipe on functional dyspepsia in rats. Journal of Traditional Chinese Medicine 2020; 40 (4) 654-663.

Garbern SC, Mbanjumucyo G, Umohoza C, Sharma VK, Mackey J, Tang O, Martin KD, Twagirumukiza FR, Rosman SL, McCall N, Wegerich SW, Levine AC. Validation of a wearable biosensor device for vital sign monitoring in septic emergency department patients in Rwanda. Digital Health 2019; 5.

García-Montero M, Rico-del-Viejo L, Llorens-Quintana C, Lorente-Velázquez, A, Hernández-Verdejo JL, Madrid-Costa D. Randomized crossover trial of silicone hydrogel contact lenses. Contact Lens and Anterior Eye 2019; 42 (5): 475-481

García-Perdomo HA. Artificial intelligence as a tool to advance in urology. Urologia Colombiana 2020; 29 (1) 1-2.

Gardner B. The physics of temperature. Southern African Journal of Anaesthesia and Analgesia 2020; 26 (6) S55-S58.

Garle A, Miller A, II Sarrafian T, Tonne J, Ikeda Y, Grande J, Wigle D, Yaszemski M, Kudva Y. Development of Nanoporous Polyurethane Hydrogel Membranes for Cell Encapsulation. Regenerative Engineering and Translational Medicine 2020; 6 (2) 217-227.

Gascho D, Richter H, Karampinos DC, Heimer J, Schaerli S, Thali MJ, Zoelch N. Noninvasive *in situ* proton MRS in muscle tissue and bone marrow as a novel approach to identify previous freezing in a completely thawed cadaver. NMR in Biomedicine 2020; 33 (2) art. no. e4220.

- Gautun H, Bratt C, Billings J. Nurses' experiences of transitions of older patients from hospitals to community care, A nation-wide survey in Norway. *Health Science Reports* 2020; 3 (3) art. no. e174.
- Gavazzi S, van Lier ALHMW, Zachiu C, Jansen E, Lagendijk JJW, Stalpers LJA, Crezee H, Kok HP. Advanced patient-specific hyperthermia treatment planning. *International Journal of Hyperthermia* 2020; 37 (1) 992-1007.
- Gavish L, Hoffer O, Rabin N, Halak M, Shkilevich S, Shayovitz Y, Weizman G, Haim O, Gavish B, Gertz SD, Ovadia-Blechman Z. Microcirculatory Response to Photobiomodulation—Why Some Respond and Others Do Not: A Randomized Controlled Study, *Lasers in Surgery and Medicine* 52 (9) 863-872.
- Ge R, Tian M, Gu Q, Chen P, Shen Y, Qi Y, Yan Y, Chen Z. The role of close contacts tracking management in COVID-19 prevention: A cluster investigation in Jiaxing China. *Journal of Infection* 2020; 81 (1) e71-e74.
- Geneva II, Cuzzo B, Fazili T, Javaid W. Comprehensive Analysis of Temperature in Hospitalized Patients. *American Journal of the Medical Sciences* 2019; 358 (2): 134-142.
- Geneva II, Cuzzo B, Fazili T, Javaid W. Normal body temperature: A systematic review. *Open Forum Infectious Diseases* 2019; 6 (4), art. no. ofz032.
- Geng X, Liu S, Zhang Y, Hou J, Zhang S, Zhang J, Zhang H. A Noncontact Method for Locating Radial Artery Above Radial Styloid Process in Thermal Image. *Evidence-based Complementary and Alternative Medicine* 2020; art. no. 4057154.
- Geoghegan R, Santamaria A, Priester A, Zhang L, Wu H, Grundfest W, Marks L, Natarajan S. A tissue-mimicking prostate phantom for 980 nm laser interstitial thermal therapy. *International Journal of Hyperthermia* 2019; 36 (1): 993-1002.
- Georgescu A, Bumbasirevic M, Soucacos PN. Current trends in microsurgery: From basic and clinical sciences to medical education. *Injury* 2020; 51 S1-S3.
- Ghaderi S, Divband B, Gharehaghaji N. Magnetic resonance imaging property of doxorubicin-loaded gadolinium/13X zeolite/folic acid nanocomposite. *Journal of Biomedical Physics and Engineering* 2020; 10 (1) 103-110.
- Ghadjar P, Beck M, Zschaecck S, Wust P. In Regard to Wang et al. *International Journal of Radiation Oncology Biology Physics* 2020; 107 (4) p, 855.
- Ghalandari B, Asadollahi K, Shakerizadeh A, Komeili A, Riazi G, Kamrava SK, Attaran N. Microtubule network as a potential candidate for targeting by gold nanoparticle-assisted photothermal therapy. *Journal of Photochemistry and Photobiology B: Biology* 2019; 192: 131-140.
- Ghani F. COVID-19 Outbreak and Dentistry: Guidelines and Recommendations for the Provision of Dental Healthcare Services. *Journal of the College of Physicians and Surgeons Pakistan* 2020; 30 (2) S101-S105.
- Gharagozloo F, Meyer M, Tempesta B. Robotic Staged Bilateral Selective Postganglionic Sympathectomy for Upper-Extremity Hyperhidrosis. *Surgical technology international* 2020; 36: 265-269.
- Gholampour Dehaki M, Niknam S, Bakhshandeh H, Azarfarin R. Zero-balance ultrafiltration of the priming blood modifies the priming components and improves the clinical outcome in infants undergoing cardiopulmonary bypass: A randomized controlled trial. *Artificial Organs* 2020; 44 (3) 288-295.
- Giana FE, Onetto MA, Pregliasco RG. Uncertainty in the estimation of the postmortem interval based on rectal temperature measurements: A Bayesian approach. *Forensic Science International* 2020; 317 art. no. 110505.
- Giannakou M, Yiallouras C, Menikou G, Ioannides C, Damianou C. MRI-guided frameless biopsy robotic system with the inclusion of unfocused ultrasound transducer for brain cancer ablation. *International Journal of Medical Robotics and Computer Assisted Surgery* 2019; 15 (1), art. no. e1951

Gil-Calvo M, Priego-Quesada JI, Jimenez-Perez, I, Lucas-Cuevas A, Pérez-Soriano P. Effects of prefabricated and custom-made foot orthoses on skin temperature of the foot soles after running. *Physiological Measurement* 2019; 40 (5), art. no. 054004.

Gil-Calvo M, Priego-Quesada JI, Jimenez-Perez, I, Lucas-Cuevas A, Pérez-Soriano P. Effects of prefabricated and custom-made foot orthoses on skin temperature of the foot soles after running. *Physiological Measurement* 2019; 40 (5), art. no. 054004

Gilchrist IC. Hand Thermography: A Novel Approach to Evaluate Hand Function After Transradial Access. *Cardiovascular Revascularization Medicine* 2019; 20 (6): 450-451.

Giles SL, Brown MRD, Rivens I, Deppe M, Huisman M, Kim Y-S, Farquhar-Smith P, Williams JE, ter Haar GR, deSouza NM. Comparison of Imaging Changes and Pain Responses in Patients with Intra- or Extraosseous Bone Metastases Treated Palliatively with Magnetic Resonance-Guided High-Intensity–Focused Ultrasound. *Journal of Vascular and Interventional Radiology* 2019; 30 (9): 1351-1360.e1.

Gilliam EA, Zuber SM, Grikscheit TC. Thermal Injection Measurement (TIM) Adds Accuracy to Injections and Can Assess Cold Chain Management. *Journal of Surgical Research* 2020; 255 261-266.

Ginalis EE, Patel NV, Danish SF. Commentary: Anatomic and Thermometric Analysis of Cranial Nerve Palsy after Laser Amygdalohippocampotomy for Mesial Temporal Lobe Epilepsy. *Operative Neurosurgery* 2020; 18 (6) E219-E220.

Giuliani A, Gatto ML, Gobbi L, Mangano FG, Mangano C. Integrated 3D information for custom-made bone grafts: Focus on biphasic calcium phosphate bone substitute biomaterials. *International Journal of Environmental Research and Public Health* 2020; 17 (14) art. no. 4931 1-16.

Giurazza F, Massaroni C, Silvestri S, Zobel BB, Schena E, Preliminary analysis of ultrasound elastography imaging-based thermometry on non-perfused ex vivo swine liver. *Journal of Ultrasound* 2020; 23 (1) 69-75.

Glavinic U, Varga J, Paslaru AI, Hauri J, Torgerson P, Schaffner F, Veronesi E. Assessing the role of two populations of *Aedes japonicus japonicus* for Zika virus transmission under a constant and a fluctuating temperature regime. *Parasites and Vectors* 2020; 13 (1) art. no. 479.

Glik J, Cholewka A, Stanek A, Englisz B, Sieroń K, Mikuś-Zagórska K. Thermal imaging and planimetry evaluation of the results of chronic wounds treatment with hyperbaric oxygen therapy. "Advances in Clinical and Experimental Medicine" (2019, 28(2). 229-236

Gluck O, Mizrahi Y, Ganer Herman H, Bar J, Kovo M, Weiner E. The correlation between the number of vaginal examinations during active labor and febrile morbidity a retrospective cohort study. *BMC Pregnancy and Childbirth* 2020; 20 (1) art. no. 246.

Gobron B, Bouvard B, Legrand E, Chappard D, Mabilleau G. GLP-2 administration in ovariectomized mice enhances collagen maturity but did not improve bone strength. *Bone Reports* 2020; 12 art. no. 100251.

Goeckenjan M, Schiwek E, Wimberger P. Continuous body temperature monitoring to improve the diagnosis of female infertility. *Geburtshilfe und Frauenheilkunde* 2020; 80 (7) 702-712.

Gogna A, Punamiya S, Gopinathan A, Irani F, Toh LHW, Wen Cheong LH, Babu S, Wee B, Goh P, Tan BP, Damodharan K, Venkatanarasimha N, Chan SJM, Chandramohan S, Too CW, Chung R, Ong SJ, Tan A, Tan BS, Tay KH. Preparing IR for COVID-19: The Singapore Experience. *Journal of Vascular and Interventional Radiology* 2020; 31 (6) 869-875.

Gómez-Carmona P, Fernández-Cuevas I, Sillero-Quintana M, Arnaiz-Lastras J, Navandar A. Infrared thermography protocol on reducing the incidence of soccer injuries. *Journal of Sport Rehabilitation* 2020; 29 (8) 1222-1227.

Gómez-Romero FJ, Fernández-Prada M, Fernández-Suárez, FE, Gutiérrez-González, C, Estrada-Martínez, M, Cachero-Martínez, D, Suárez-Fernández, S, García-González, N, Picatto-Hernández, MD, Martínez-Ortega C, Navarro-Gracia JF. Intra-operative temperature monitoring with two non-

invasive devices (3M Spoton® and Dräger Tcore®) in comparison with the Swan-Ganz catheter. Cirugia Cardiovascular 2019; 26 (4): 191-196.

Gonçalves M, Matos LC, Duarte L, Machado J, Greten HJ, Franconi G. Problems of scientific methodology related to placebo control in Qigong studies: A systematic review. Journal of Bodywork and Movement Therapies 2020; 24 (4) 261-270.

Gong G, Yang L. Association between prolonged postoperative inflammatory response after radical gastrectomy and poor prognosis of gastric cancer patients. Journal of Practical Oncology 32019; 4 (1): 52-56.

Gong Z, Zhang X, Su K, Jiang R, Sun Z, Chen W, Forno E, Goetzman ES, Wang J, Dong HH, Dutta P, Muzumdar R. Deficiency in AIM2 induces inflammation and adipogenesis in white adipose tissue leading to obesity and insulin resistance. Diabetologia 2019; 62 (12): 2325-2339.

Gonzales J, Pirovano G, Chow CY, de Souza Franca PD, Carter LM, Klint JK, Guru N, Lewis JS, King GF, Reiner T. Fluorescence labeling of a NaV1.7-targeted peptide for near-infrared nerve visualization. EJNMMI Research 2020; 10 (1) art. no. 49.

Goodacre S, Horspool K, Nelson-Piercy C, Knight M, Shephard N, Lecky F, Thomas S, Hunt BJ, Fuller G, the DiPEP research group. The DiPEP study: an observational study of the diagnostic accuracy of clinical assessment D-dimer and chest x-ray for suspected pulmonary embolism in pregnancy and postpartum. BJOG: An International Journal of Obstetrics and Gynaecology 2019; 126 (3): 383-392.

Gooday C, Game F, Woodburn J, Poland F, Sims E, Dhataria K, Shepstone L, Hardeman W. A randomised feasibility study of serial magnetic resonance imaging to reduce treatment times in Charcot neuroarthropathy in people with diabetes (CADOM): A protocol. Pilot and Feasibility Studies 2020; 6 (1) art. no. 85.

Gooday C, Gray K, Game F, Woodburn J, Poland F, Hardeman W. Systematic review of techniques to monitor remission of acute Charcot neuroarthropathy in people with diabetes. Diabetes/Metabolism Research and Reviews 2020; 36 (7) art. no. e3328.

Goodman GJ, Liew S, Callan P, Hart S, Somia N, Sullivan J, Heydenrych I. Re Facial aesthetic injections in clinical practice: Pretreatment and post-treatment consensus recommendations to minimise adverse outcome Region-specific changes in line with the Covid-19 pandemic. Australasian Journal of Dermatology 2020; 61 (4) 362-366.

Gorajek L, Gontar P, Jabczynski J, Firak J, Stefaniak M, Dabrowski M, Orzanowski T, Trzaskawka P, Sosnowski T, Firmanty K, Miczuga M, Barela J, Kopczynski K. Characterization of absorption losses and transient Thermo-optic effects in a High-power laser system. Photonics 2020; 7 (4) art. no. 94 1-11.

Gordon IL, Rothenberg GM, Lepow BD, Petersen BJ, Linders DR, Bloom JD, Armstrong DG. Accuracy of a foot temperature monitoring mat for predicting diabetic foot ulcers in patients with recent wounds or partial foot amputation. Diabetes Research and Clinical Practice 2020; 161 art. no. 108074.

Gorny KR, Favazza CP, Lu A, Felmlee JP, Hangiandreou NJ, Browne JE, Stenzel WS, Muggli JL, Anderson AG, Thompson SM, Woodrum DA. Practical implementation of robust MR-thermometry during clinical MR-guided microwave ablations in the liver at 1.5 T. (2019) Physica Medica 2019; 67: 91-99.

Gough H, Faulknall-Mills S, King M-F, Luo Z. Assessment of overheating risk in gynaecology scanning rooms during near-heatwave conditions: A case study of the royal berkshire hospital in the UK. International Journal of Environmental Research and Public Health 2019; 16 (18), art. no. 3347.

Grand J, Hassager C, Kjaergaard J. Who should manage comatose post-cardiac arrest patients? Kardiologia Polska 2020; 78 (1) 4-5.

Gray MD, Lyon PC, Mannaris C, Folkes LK, Stratford M, Campo L, Chung DYF, Scott S, Anderson M, Goldin R, Carlisle R, Wu F, Middleton MR, Gleeson FV, Coussios CC. Focused ultrasound hyperthermia for targeted drug release from thermosensitive liposomes: Results from a phase i trial. Radiology 2019; 291 (1): 232-238.

- Greenwood HE, Nyitrai Z, Mocsai G, Hobor S, Witney TH. High-throughput PET/CT imaging using a multiple-mouse imaging system. *Journal of Nuclear Medicine* 2020; 61 (2) 292-297.
- Grewal SS, Tatum WO. Laser thermal ablation in epilepsy. *Expert Review of Neurotherapeutics* 2019; 19 (12): 1211-1218.
- Griffin MO, Kulkarni NM, O'Connor SD, Sudakoff GS, Lea WB, Tutton SM. Magnetic Resonance-Guided Focused Ultrasound: A Brief Review With Emphasis on the Treatment of Extra-abdominal Desmoid Tumors. *Ultrasound quarterly* 2019; 35 (4): 346-354.
- Grissom WA, Allen S. Reducing temperature errors in transcranial MR-guided focused ultrasound using a reduced-field-of-view sequence. *Magnetic Resonance in Medicine* 2020; 83 (3) 1016-1024.
- Grobler L, Derman W, Racinais S, Ngai ASH, van de Vliet P. Illness at a Para Athletics Track and Field World Championships under Hot and Humid Ambient Conditions. *PM and R*, 2019; 11 (9): 919-925.
- Groene P, Zeuzem C, Baasner S, Hofmann-Kiefer K. The influence of body mass index on temperature management during general anaesthesia—A prospective observational study. *Journal of Evaluation in Clinical Practice* 2019; 25 (2): 340-345
- Grote R, Wetz A, Bräuer A, Menzel M. Short interruptions between pre-warming and intraoperative warming are associated with low intraoperative hypothermia rates. *Acta Anaesthesiologica Scandinavica* 2020; 64 (4) 489-493.
- Gu C, Zheng C, Liu B, Feng T, Ma J, Sun H. Synthesis of a dithieno[3'2-b:2'3'-d]silole-based conjugated polymer and characterization of its short wave near-infrared fluorescence properties. *Journal of Innovative Optical Health Sciences* 2020; 13 (5) art. no. 2041002.
- Guan W, Liu J, Yu C. CT findings of coronavirus disease (CoVid-19) severe pneumonia. *American Journal of Roentgenology* 2020; 214 (5) W85-W86.
- Gudkov AG, Leushin VY, Vesnin SG, Sidorov IA, Sedankin MK, Solov'ev YV, Agasieva SV, Chizhikov SV, Gorbachev DA, Vidyakin SI. Studies of a Microwave Radiometer Based on Integrated Circuits. *Biomedical Engineering* 2020; 53 (6) 413-416.
- Guens GP, Oleynikova IN, Sirota NA, Moiseeva NI, Shikina VE, Kirkin VV. Distress and neoangiogenesis in ovarian cancer patients. *Siberian Journal of Oncology* 2019; 18 (2): 22-27
- Guisle I, Gratuze M, Petry S, Morin F, Keraudren R, Whittington RA, Hébert SS, Mongrain V, Planel E. Circadian and sleep/wake-dependent variations in tau phosphorylation are driven by temperature. *Sleep* 2020; 43 (4): zsz266.
- Gulsen M, Pekyavas NO, Atici E, Sahin FN, Güler Ö. Effects of kinesio taping on postural stability in young soccer players. *Acta Medica Mediterranea* 2019; 35 (1): 169-174.
- Gumenyuk SA, Shchikota AM, Vechorko VI. Work of scientific and practical centre for emergency medical care of moscow city health department in context of covid-19 pandemic *Medicina Katastrof*, 2020; (4)13-15.
- Gunn A. The colonisation of remains by the sarcophagid fly *Sarcophaga argyrostoma* (Robineau-Desvoidy) (Diptera: Sarcophagidae). *Forensic Science International* 2020; 315 art. no. 110465.
- Gupta K, Cabaniss B, Kheder A, Gedela S, Koch P, Hewitt KC, Alwaki A, Rich C, Ramesha S, Hu R, Drane DL, Gross RE, Willie JT. Stereotactic MRI-guided laser interstitial thermal therapy for extratemporal lobe epilepsy. *Epilepsia* 2020; 61 (8) 1723-1734.
- Ha FJ, Han H-C, Sanders P, Teh AW, O'Donnell D, Farouque O, Lim HS. Prevalence and prevention of oesophageal injury during atrial fibrillation ablation: A systematic review and meta-analysis. *Europace* 2019; 21 (1): 80-90
- Habek N, Dobrivojević Radmilović M, Kordić M, Ilić K, Grgić S, Farkaš V, Bagarić R, Škokić S, Švarc A, Dugandžić A. Activation of brown adipose tissue in diet-induced thermogenesis is GC-C dependent, *Pflugers Archiv European Journal of Physiology* 2020; 472 (3) 405-417.

- Hadi F, Ghader A, Shakeri-Zadeh A, Asgari H, Farashahi A, Behruzi M, Ghaznavi H, Ardakani AA. Magneto-plasmonic nanoparticle mediated thermo-radiotherapy significantly affects the nonlinear optical properties of treated cancer cells. *Photodiagnosis and Photodynamic Therapy* 2020; 30 art. no. 101785.
- Hadžić V, Širok B, Malneršič A, Čoh M. Can infrared thermography be used to monitor fatigue during exercise? A case study. *Journal of Sport and Health Science* 2019; 8 (1): 89-92.
- Haimovich AD, Taylor RA, Krumholz HM, Venkatesh AK. Performance of Temporal Artery Temperature Measurement in Ruling Out Fever: Implications for COVID-19 Screening. *Journal of General Internal Medicine* 2020; 35 (11) 3398-3400.
- Haines A, Ebi K. The imperative for climate action to protect health. *New England Journal of Medicine* 2019; 380 (3): 263-273.
- Hakim A, Awale RN. Thermal Imaging - An Emerging Modality for Breast Cancer Detection: A Comprehensive Review. *Journal of Medical Systems* 2020; 44 (8) art. no. 136.
- Hallock GG. Smartphone Thermal Imaging Can Enable the Safer Use of Propeller Flaps. *Seminars in Plastic Surgery* 2020; 34 (3) 161-164.
- Hallock GG. The use of smartphone thermography to more safely unmask and preserve circulation to keystone advancement flaps in the lower extremity. *Injury* 2020; 51 S121-S125.
- Hamadouche M, Allouche S. Assessment of preventive measures application against covid-19 in the workplace. *Tunisie Medicale* 2020; 98 (8) 625-632.
- Hamann D, Ricks HA. Response to: Thermography: High sensitivity and specificity diagnosing contact dermatitis in patch testing, *Allergology International* 2020; 69 (1) 161-162.
- Hamidpour SSF, Firouzmand M, Navid M, Eghbal M, Alikhassi A. Extraction of vessel structure in thermal images to help early breast cancer detection. *Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization* 2020; 8 (1) 103-108.
- Hamzah Airlangga PS, Machin A, Rehatta NM. Anesthesia and intensive care management in acute ischemic stroke patient. *Critical Care and Shock* 2019; 22 (3): 131-146.
- Han H, Eigenthaler TW, Wang S, Kretov E, Winter L, Hoffmann W, Grass E, Niendorf T. Design implementation evaluation and application of a 32-channel radio frequency signal generator for thermal magnetic resonance based anti-cancer treatment. *Cancers* 2020; 12 (7) art. no. 1720 1-25.
- Han JW, Kim JJ, Jeong SC, Kim YH, Kim IS. Sympathotomy for severe compensatory hyperhidrosis in the trunk due to traumatic cervical spinal cord injury. *Journal of Thoracic Disease* 2020; 12 (3) 1115-1117.
- Han L-H. Mass-producing wearable sensors: No sweat. *Science Translational Medicine* 2019; 11 (522), art. no. eaaz9766.
- Han SB, Liu Y-C, Mohamed-Noriega K, Tong L, Mehta JS. Objective Imaging Diagnostics for Dry Eye Disease. *Journal of Ophthalmology* 2020 art. no. 3509064.
- Händel P, Wahlström J. Digital contraceptives based on basal body temperature measurements. *Biomedical Signal Processing and Control* 52: 141-151
- Hankir MK, Seyfried F. Do Bariatric Surgeries Enhance Brown/Beige Adipose Tissue Thermogenesis? *Frontiers in Endocrinology* 2020; 11 art. no. 275.
- Hao Y, Wang R-R, Han L, Wang H, Zhang X, Tang Q-L, Yan L, He J. Time series analysis of mumps and meteorological factors in Beijing China. *BMC Infectious Diseases* 2019; 19 (1), art. no. 435.
- Haobin Huyahui Zhengqinchun Xin H, Chao C. Design of Cortical Bone Drilling Temperature Measurement Instrument in Virtual reality system. *IEEE MTT-S 2019 International Microwave Biomedical Conference IMBioC 2019 - Proceedings* art. no. 8777826.
- Hara A, Amano R, Yokote H, Iijima M, Zeniya S, Uchihara T, Yada S, Masumura M, Takei H, Nishino I, Toru S. Secondary cardiac involvement in anti-SRP-antibody-positive myopathy: An 87-year-old

woman with heart failure symptoms as the first clinical presentation. *BMC Neurology* 2020; 20 (1) art. no. 29.

Harding C, Pompei F, Bordonaro SF, McGillicuddy DC, Burmistrov D, Sanchez LD. Fever incidence is much lower in the morning than the evening: Boston and US national triage data. *Western Journal of Emergency Medicine* 2020; 21 (4) 908-916.

Harkin TJ, Rurak KM, Martins J, Eber C, Szporn AH, Beasley MB. Delayed diagnosis of COVID-19 in a 34-year-old man with atypical presentation. *The Lancet Respiratory Medicine* 2020; 8 (6) 644-646.

Hart D, Rischall M, Durgin K, Donoghue M, Pham T, Wyatt T, Stang J, DeVries P, Driver B. Non-invasive zero-heat-flux technology compared with traditional core temperature measurements in the emergency department. *American Journal of Emergency Medicine* 2020; 38 (11) 2383-2386.

Hartimath SV, El-Sayed A, Makhlouf A, Bernhard W, Gonzalez, C, Hill W, Parada AC, Barreto K, Geyer CR, Fonge H. Therapeutic potential of nimotuzumab PEGylated-maytansine antibody drug conjugates against EGFR positive xenograft. *Oncotarget* 2019; 10 (10): 1031-1044.

Hashemi B, Hasanaj F, Akbari ME, Mirzaei HR, Mojtabah M, Bakhshandeh M. Assessment of computer regulation thermography (Crt) as a complementary diagnostic tool for breast cancer patient. *Journal of Biomedical Physics and Engineering* 2019; 9 (6): 621-628.

Hassoun A, Prasad N, Pugh S, Merced I, Abularage J, Sharma M. Parental Coronavirus Disease 2019 Testing of Hospitalized Children: Rethinking Infection Control in a Pandemic. *Journal of the Pediatric Infectious Diseases Society* 2020; 9 (5) 564-565.

Hayami M, Watanabe M, Mine S, Imamura Y, Okamura A, Yuda M, Yamashita K, Shoji Y, Toihata T, Kozuki R, Ishizuka N. Steam induced by the activation of energy devices under a wet condition may cause thermal injury. *Surgical Endoscopy* 2020; 34 (5) 2295-2302.

Hayami M, Watanabe M, Mine S, Imamura Y, Okamura A, Yuda M, Yamashita K, Toihata T, Shoji Y, Ishizuka N. Lateral thermal spread induced by energy devices: a porcine model to evaluate the influence on the recurrent laryngeal nerve. *Surgical Endoscopy* 2019; 33 (12): 4153-4163.

Hayashi A, Shichiri M. Use of Noncontact Infrared Skin Thermometer for Peripheral Arterial Disease Screening in Patients With and Without Diabetes. *Angiology* 2020; 71 (7) 650-657.

Hayward G, Verbakel JY, Ismail FA, Edwards G, Wang K, Fleming S, Holtman GA, Glogowska M, Morris E, Curtis K, van den Bruel A. Non-contact infrared versus axillary and tympanic thermometers in children attending primary care: A mixed-methods study of accuracy and acceptability. *British Journal of General Practice* 2020; 70 (693) E236-E244.

Hazenberg CEVB, aan de Stegge WB, Van Baal SG, Moll FL, Bus SA. Telehealth and telemedicine applications for the diabetic foot: A systematic review. *Diabetes/Metabolism Research and Reviews* 2020; 36 (3) art. no. e3247.

He K, Wu Z, Fujiwara H, Whitesall S, Zajac CK, Choi SW, Reddy P, Tewari M. Computational analysis of continuous body temperature provides early discrimination of graft-versus-host disease in mice. *Blood Advances* 2019; 3 (23): 3977-3981.

He L, Gajee R, Mangaraj R, Waldron MP, Brown KS. Validation and clinical application of dried blood spot assay for quantitative assessment of edoxaban in healthy adults. *Bioanalysis* 2020; 12 (6) 393-407.

He S-X, Li R, Yang H-H, Wang Z-Q, Peng Y-M, Huang J-H, Ma Q. Optimization of a Rhabdomyolysis Model in Mice With Exertional Heat Stroke Mouse Model of EHS-Rhabdomyolysis, *Frontiers in Physiology* 2020; 11 art. no. 642.

He Y, Huang NT, Caspi A, Roy A, Montezuma SR. Trade-off between field-of-view and resolution in the thermal-integrated argus II system. *Translational Vision Science and Technology* 2019; 8 (4), art. no. 29.

- He Y, Inoue T, Nomura S, Maruta Y, Kida H, Yamakawa T, Hirayama Y, Imoto H, Suzuki M. Limitations of local brain cooling on generalized motor seizures from unknown foci in awake rats. *Neurologia Medico-Chirurgica* 2019; 59 (4): 147-153.
- He Y, Xie J, Zhang H, Wang J, Su X, Liu D. Delayed Diagnosis of Langerhans Cell Histiocytosis Presenting with Thyroid Involvement and Respiratory Failure: A Pediatric Case Report. *Journal of Pediatric Hematology/Oncology* 2020; 42 (8) e810-e812.
- Hegmann KT, Travis R, Belcourt RM, Donelson R, Eskay-Auerbach M, Galper J, Haldeman S, Hooper PD, Lessenger JE, Mayer T, Mueller KL, Murphy DR, Tellin WG, Thiese MS, Weiss MS. Diagnostic Tests for Low Back Disorders. *Journal of Occupational and Environmental Medicine* 2019; 61 (4) E155-E168.
- Heilbronner C, Berteloot L, Tremolieres P, Dupic L, de Saint Blanquat L, Lesage F, Odièvre M-H, de Marcellus C, Fourgeaud J, de Montalembert M, Grimaud M, Moulin F, Renolleau S, Allali S, Oualha M. Patients with sickle cell disease and suspected COVID-19 in a paediatric intensive care unit. *British Journal of Haematology* 2020; 190 (1) e21-e24.
- Hellgren RJ, Sundbom AE, Czene K, Izhaky D, Hall P, Dickman PW. Does three-dimensional functional infrared imaging improve breast cancer detection based on digital mammography in women with dense breasts? *European Radiology* 2019; 29 (11): 6227-6235.
- Henderson AD, Ramulu PY, Lawler JF. Teaching NeurolImages: Thermal imaging in Horner syndrome. *Neurology* 2019; 93 (13): e1324-e1325.
- Henderson CE, Jackman JM, Rezai S. Screening all pregnant women admitted to labor and delivery for the virus responsible for coronavirus disease 2019. *American Journal of Obstetrics and Gynecology* 2020; 223 (3) 470-471.
- Hennessy O, McLoughlin R, McInerney N, Hussey A, Potter S. Smartphone thermal imaging for preoperative perforator mapping in DIEP flap breast reconstruction, *European Journal of Plastic Surgery* 2020; 43 (6) 743-750.
- Hennessy O, Potter SM. Use of infrared thermography for the assessment of free flap perforators in autologous breast reconstruction: A systematic review. *JPRAS Open* 2020; 23: 60-70.
- Henry S, Mendonça FA. Past present and future vulnerability to dengue in jamaica: A spatial analysis of monthly variations. *International Journal of Environmental Research and Public Health* 2020; 17 (9) art. no. 3156.
- Herliana L, Cahyati A. The influence of massage therapy on children body temperature which fever. *Medico-Legal Update* 2020; 20 (1) art. no. A223 1235-1240.
- Heroes A-S, Ndalingosu N, Kalema J, Luyindula A, Kashitu D, Akele C, Kabinda J, Lagrou K, Vandekerckhove P, Jacobs J, Lunguya O. Bacterial contamination of blood products for transfusion in the Democratic Republic of the Congo: temperature monitoring qualitative and semi-quantitative culture. *Blood Transfusion* 2020; 18 (5) 348-358.
- Herrmann B, Harder L, Oelkrug R, Chen J, Gachkar S, Nock S, Resch J, Korkowski M, Heuer H, Mittag J. Central hypothyroidism impairs heart rate stability and prevents thyroid hormone-induced cardiac hypertrophy and pyrexia. *Thyroid* 2020; 30 (8) 1205-1216.
- Hetzer B, Vogel G-F, Entenmann A, Heil M, Schullian P, Putzer D, Meister B, Cazzolara R, Kropshofer G, Salvador C, Straub S, Karall D, Niederwanger C, Cortina G, Janecke A, Freund-Unsinn K, Maurer K, Schweigmann G, Oberhuber G, Renz O, Schneeberger S, Müller T, Bale R. Stereotactic radiofrequency ablation of a variety of liver masses in children. *International Journal of Hyperthermia* 2020; 37 (1) 1074-1081.
- Hill L, Gilbert AE, Coetzee M. Modeling Temperature Variations Using Monte Carlo Simulation: Implications for Estimation of the Postmortem Interval Based on Insect Development Times* †. *Journal of Forensic Sciences* 2020; 65 (6) 2160-2164.
- Hillen B, Pfirrmann D, Nägele M, Simon P. Infrared Thermography in Exercise Physiology: The Dawning of Exercise Radiomics. *Sports Medicine* 2020; 50 (2) 263-282.

Hirai J, Kinjo T, Haranaga S, Fujita J. A case report of cerebral meningitis caused by penicillin-non-susceptible group B streptococcus in an immunocompromised adult patient. *Infection and Drug Resistance* 2020; 13: 2155-2160.

Hirschmann JV. The Discovery of Q Fever and Its Cause. *American Journal of the Medical Sciences* 2019; 358 (1): 3-10.

Hodges GJ, Ferguson SAH, Cheung SS. Cardiac autonomic function during hypothermia and its measurement repeatability. *Applied Physiology Nutrition and Metabolism* 2019; 44 (1): 31-36.

Hodges GJ, Mallette MM, Rigby A, Klentrou P, Cheung SS, Falk B. Comparison of different wheelchair seating on thermoregulation and perceptual responses in thermoneutral and hot conditions in children. *Journal of Tissue Viability* 2019; 28 (3): 144-151.

Hodorowicz-Zaniewska D, Zurrida S, Kotlarz A, Kasprzak P, Skupień J, Ćwierz A, Popiela TJ, Maciejewski A, Basta P. A Prospective Pilot Study on Use of Liquid Crystal Thermography to Detect Early Breast Cancer. *Integrative Cancer Therapies* 2020; 19: 1534735420915778.

Hoefnagel AL, Vanderhoef KL, Anjum A, Damalanka V, Shah SJ, Diachun CA, Mongan PD. Improving intraoperative temperature management in elective repeat cesarean deliveries: A retrospective observational cohort study. *Patient Safety in Surgery* 2020; 14 (1) art. no. 14.

Hoenig LJ, Pereira FA. Eruption as a clinical manifestation of COVID-19: photographs of a patient. *Clinics in Dermatology* 2020; 38 (4): 502-505.

Hofer IMJ, Hart AJ, Martín-Vega D, Hall MJR. Estimating crime scene temperatures from nearby meteorological station data. *Forensic Science International* 2020; 306 art. no. 110028.

Hoffmann SM, Kappel D, Fech A, Enderle MD, Weiss M, Hahn M, Brucker SY, Kraemer B. Thermal effects of a novel electrosurgical device for focused preparation in breast surgery tested in a specified porcine tissue ex vivo breast model using infrared measurement. *Archives of Gynecology and Obstetrics* 2019; 299 (3): 835-840.

Hohenauer E, Deliens T, Clarys P, Clijsen R. Perfusion of the skin's microcirculation after cold-water immersion (10°C) and partial-body cryotherapy (-135°C). *Skin Research and Technology* 2019; 25 (5): 677-682.

Hollandsworth HM, Lwin TM, Amirfakhri S, Filemoni F, Batra SK, Hoffman RM, Dhawan P, Bouvet M. Anti-Claudin-1 Conjugated to a Near-Infrared Fluorophore Targets Colon Cancer in PDX Mouse Models. *Journal of Surgical Research* 2019; 242: 145-150.

Hollandsworth HM, Amirfakhri S, Filemoni F, Hoffman RM, Molnar J, Yazaki PJ, Bouvet M. Humanized Anti-Tumor-Associated Glycoprotein-72 for Submillimeter Near-Infrared Detection of Colon Cancer in Metastatic Mouse Models. *Journal of Surgical Research* 2020; 252: 16-21.

Holliday CM, Porter WR, Vliet KA, Witmer LM. The Frontoparietal Fossa and Dorsotemporal Fenestra of Archosaurs and Their Significance for Interpretations of Vascular and Muscular Anatomy in Dinosaurs. *Anatomical Record* 2020; 303 (4): 1060-1074.

Holm A, Kirkegaard H, Taccone F, Søreide E, Grejs A, Duez C, Jeppesen A, Toome V, Hassager C C, Rasmussen BS, Laitio T, Storm C, Hästbacka J, Skrifvars MB. Cold fluids for induction of targeted temperature management: A sub-study of the TTH48 trial. *Resuscitation* 2020; 148: 90-97.

Holmberg A, Ho AV, Fernand D, Toska K, Wester T, Klaastad Ø, Drægni T, Sauter AR. Microcirculation and haemodynamics after infraclavicular brachial plexus block using adrenaline as an adjuvant to lidocaine: a randomised double-blind crossover study in healthy volunteers. *Anaesthesia* 2019; 74 (11): 1389-1396.

Holt RIG. Diabetes-related foot ulcers and the mind. *Diabetic Medicine* 2020; 37 (8): 1223-1224.

Holt SG, Yo JH, Karschimkus C, Volpato F, Christov S, Smith ER, Hewitson TD, Worth LJ, Champion De Crespigny P. Monitoring skin temperature at the wrist in hospitalised patients may assist in the detection of infection. *Internal Medicine Journal* 2020; 50 (6): 685-690.

- Holzer JCJ, Tiffner K, Kainz S, Reisenegger P, Bernardelli de Mattos I, Funk M, Lemarchand T, Laaff H, Bal A, Birngruber T, Kotzbeck P, Kamolz L-P. A novel human ex-vivo burn model and the local cooling effect of a bacterial nanocellulose-based wound dressing. *Burns* 2020; 46 (8) 1924-1932.
- Hong YK, Carpenter J, Spitz FR. Elective Surgery Recovery Plan in Post-COVID-19 Era. *American Surgeon* 2020; 86 (7) 878-882.
- Horáček J, Novotný J. Thermal response of hands to computer work: comparison of three assessment procedures. *Studia sportiva*, 2019, 13(1), 27-39.
- Horioka K, Tanaka H, Isozaki S, Konishi H, Addo L, Takauji S, Druid H. Rewarming from accidental hypothermia enhances whole blood clotting properties in a murine model. *Thrombosis Research* 2020; 195 114-119.
- Hosoda C, Ishiguro T, Morimoto Y, Furube A, Isono T, Shimizu Y, Takayanagi N. Remitting seronegative symmetrical synovitis with pitting edema syndrome complicated with organizing pneumonia. *Internal Medicine* 2020; 59 (8) 1065-1069.
- Hosokawa Y, Nagata T, Hasegawa M. Inconsistency in the standard of care-toward evidence-based management of exertional heat stroke. *Frontiers in Physiology* 2019; 10 (2), art. no. 108.
- Howell K. Missed reference in the article published in Thermology international 2020, 30(3) 89-901. *Thermology international* 2020; 30(4): 147
- Howell K. The European Association of Thermology: promoting the science of temperature measurement in medicine and biology across Europe. *Thermology international* 2019, 29(2) 67
- Howell K. The Thermal Human Body -Review of the book "The Thermal Human Body: A Practical Guide to Thermal Imaging by Kurt Ammer and Francis Ring (Jenny Stanford Publishing, Singapore). *Thermology international* 2019, 29(3) 116
- Howell KJ. Care required in comparing thermographic methods to other thermological techniques. *Thermology International* 2020; 30 (3) 89-90.
- Howell KJ, Mercer JB, Smith RE. Infrared thermography for mass fever screening: Repeating the mistakes of the past? *Thermology International* 2020; 30 (1) 5-6.
- Hozain AE, Tipograf Y, Pinezich MR, Cunningham KM, Donocoff R, Queen D, Fung K, Marboe CC, Guenthart BA, O'Neill JD, Vunjak-Novakovic G, Bacchetta M. Multiday maintenance of extracorporeal lungs using cross-circulation with conscious swine. *Journal of Thoracic and Cardiovascular Surgery* 2020; 159 (4) 1640-1653.e18.
- Hsiao S-H, Chen T-C, Chien H-C, Yang C-J, Chen Y-H. Measurement of body temperature to prevent pandemic COVID-19 in hospitals in Taiwan: repeated measurement is necessary. *Journal of Hospital Infection* 2020; 105 (2) 360-361.
- Hu Q, Wang Q, Wang C, Tai Y, Liu B, Shao X, Fang J, Liu B. TRPV1 channel contributes to the behavioral hypersensitivity in a rat model of complex regional pain syndrome type 1. *Frontiers in Pharmacology* 2019; 10 (4), art. no. 453.
- Hu S, Belcaro G, Hosoi M, Cesarone MR, Scipione V, Scipione C, Dugall M, Feragalli B, Cotellese R, Maione C, Luzzi R. An open supplement registry study Arborvitae® for prevention of arthrosis-related pain during exercise, *Minerva Ortopedica e Traumatologica* 2020; 71 (3) 117-123.
- Hu S, Hosoi M, Belcaro G, Dugall M, Feragalli B, Cotellese R, Luzzi R. Management of mild primary Raynaud Syndrome: supplementation with Pycnogenol®. *Minerva cardioangiologica* 2019; 67 (5): 392-398
- Hu X, An T, Situ B, Hu Y, Ou Z, Li Q, He X, Zhang Y, Tian P, Sun D, Rui Y, Wang Q, Ding D, Zheng L. Heat inactivation of serum interferes with the immunoanalysis of antibodies to SARS-CoV-2. *Journal of Clinical Laboratory Analysis* 2020; 34 (9) art. no. e23411.
- Hu Y, Fragkostefanakis S, Schleiff E, Simm S. Transcriptional basis for differential thermosensitivity of seedlings of various tomato genotypes, *Genes* 2020; 11 (6) art. no. 655 1-21.

- Huang D-W, Sun J-M, Chen Y-H, Huang K-C. A rare presentation of spontaneous spinal epidural hematoma mimicking acute stroke. *Neurosciences* 2020; 25 (4) 316-319.
- Huang F, Magnin C, Brouqui P. Ingestible sensors correlate closely with peripheral temperature measurements in febrile patients. *Journal of Infection* 2020; 80 (2) 161-166.
- Huang L, Development of Temperature Measurement Device by Percutaneous Laser Ablation. *Chinese Journal of Medical Instrumentation* 2020; 44 (5) 399-402.
- Huang L, Li H, Liu T, Chen J. Potential Infection Risk Control in the Radiology Department during Economic Recovery after the COVID-19 Pandemic. *Journal of Medical Imaging and Radiation Sciences* 2020; 51 (3) 503-504.
- Huang NT, Georgiadis C, Gomez J, Tang PH, Drayna P, Koozekanani DD, van Kuijk FJGM, Montezuma SR. Comparing fundus autofluorescence and infrared imaging findings of peripheral retinoschisis schisis detachment and retinal detachment. *American Journal of Ophthalmology Case Reports* 2020; 18 art. no. 100666.
- Huang Q, Li J. The effects of the dynamic thermophysical properties of clothing and the walking speed input parameter on the heat strain of a human body predicted by the PHS model. *International Journal of Environmental Research and Public Health* 2020; 17 (18) art. no. 6475 1-15.
- Huang Q, Liu G, Wang J, Duan T, Feng Y, Lin X, Zhu Y, Wang H, Cui Y, He S, Zhu Y, Li P, Rong L, Liu Y. Control measures to prevent Coronavirus disease 2019 pandemic in endoscopy centers: Multi-center study. *Digestive Endoscopy* 2020; 32 (6) 914-920.
- Huang Y, Leung SA, Parker JJ, Ho AL, Wintermark M, Patel SH, Pauly KB, Kakusa BW, Beres SJ, Henderson JM, Grant GA, Halpern CH. Anatomic and Thermometric Analysis of Cranial Nerve Palsy after Laser Amygdalohippocampotomy for Mesial Temporal Lobe Epilepsy. *Operative Neurosurgery* 2020; 18 (6) 684-691.
- Huang Y-H, Wu Y-W, Chuang J-Y, Chang Y-C, Chang H-F, Tao P-L, Loh HH, Yeh S-H. Morphine produces potent antinociception sedation and hypothermia in humanized mice expressing human mu-opioid receptor splice variants. *Pain* 2020; 161 (6) 1177-1190.
- Hübner F, Schreiner R, Panahi B, Vogl TJ. Evaluation of the thermal sensitivity of porcine liver in CT-guided cryoablation: an initial study. *Medical Physics* 2020; 47 (10) 4997-5005.
- Huertas T, Jurado C, Salguero M, Soriano T, Gamero J. Stability studies in biological fluids during post-analysis custody. Opiate compounds derived from heroin consumption. *Forensic Science International* 2019; 297: 326-334.
- Huggins J, Rakobowchuk M. Utility of lacrimal caruncle infrared thermography when monitoring alterations in autonomic activity in healthy humans. *European Journal of Applied Physiology* 2019; 119 (2): 531-538.
- Hughes M, Allanore Y, Chung L, Pauling JD, Denton CP, Matucci-Cerinic M. Raynaud phenomenon and digital ulcers in systemic sclerosis. *Nature Reviews Rheumatology* 2020; 16 (4) 208-221.
- Hughes M, Matucci-Cerinic M. Impact and associates of digital pitting in patients with systemic sclerosis: a pilot study. Comment on the article by Nolan et al. *Scandinavian Journal of Rheumatology* 2020; 49 (3) 256-257.
- Hung C-L. Computational algorithms on medical image processing. *Current Medical Imaging Reviews* 2020; 16 (5) 467-468.
- Huong LT, Huong TT, Huong NTT, Hung NH, Dat PTT, Luong NX, Ogunwande IA, Chemical composition and larvicidal activity of essential oils from zingiber montanum (J, koenig) link ex, a, dietr, against three mosquito vectors. *Boletin Latinoamericano y del Caribe de Plantas Medicinales y Aromaticas* 2020; 19 (6) 569-579.
- Husain R, Zhang X, Aung T. Challenges and Lessons for Managing Glaucoma during COVID-19 Pandemic: Perspectives from Asia. *Ophthalmology* 2020; 127 (9) e63-e64.

Hussein Abdulkadhim A, Naser NA, Ghafil FA, Al-Nafakh RT, Alhaidary KK. Assessment of transdermal vasodilatory effect of a combined panthenol amlodipine isosorbide dinitrate and betahistine HCL on peripheral vessels. Indian Journal of Forensic Medicine and Toxicology 2020; 14 (2) 426-432.

Hutcherson TC, Cieri-Hutcherson NE, Donnelly PJ, Jr, Feneziani ML, Grisanti KMR. Evaluation of Mobile Applications Intended to Aid in Conception Using a Systematic Review Framework. Annals of Pharmacotherapy 2020; 54 (2) 178-186.

Hwang HS, Kim YJ, Song MS. Kawasaki disease with tsutsugamushi disease: Two case reports. Cardiology in the Young 2020; 30 (6) 877-879.

Hwang K. A safe distance between doctor and patient. Archives of Plastic Surgery 2020; 47 (3) 201-202.

Hyder A, May AA. Translational data analytics in exposure science and environmental health: A citizen science approach with high school students. Environmental Health: A Global Access Science Source 2020; 19 (1) art. no. 73.

Hyman MC, Marchlinski FE. Persistent atrial fibrillation: When the pulmonary veins are no longer the answer. Journal of Cardiovascular Electrophysiology 2020; 31 (7) 1861-1863.

Hysi I, Fabre O. Atrio-oesophageal fistula after the cryomaze procedure: The devil is in the details. European Journal of Cardio-thoracic Surgery 2020; 57 (2) 410-411.

Ibarra Estupiñán A, Pons Playa G, Ferández Garrido M, Zamora Alarcon P, Olivares Dominguez L, Vega García C, Masia Ayala J, Correlation between Indocyanine green lymphography and thermography to evaluate areas of dermal backflow in lymphedema. Journal of Plastic Reconstructive and Aesthetic Surgery 2020; 73 (10) 1897-1916.

Igai H, Kamiyoshihara M, Matsuura N, Yazawa T, Ohsawa F, Furusawa S. Dorsal (S2) segmentectomy of right upper lobe via a uniportal approach using near infrared imaging and indocyanine green administration. Multimedia manual of cardiothoracic surgery. Multimed Man Cardiothorac Surg.2020: 2020.058.

Igarawi M, Nouizi F, Luk A, Mehrabi M, Erkol H, Ünlu MB, Gulsen G, Ha S. High-resolution chromophore concentration recovery using multi-wavelength photo-magnetic imaging. Progress in Biomedical Optics and Imaging - Proceedings of SPIE 2019; 10871, art. no. 108710F.

Iguchi A, Aoki Y, Kitazawa K. Prepatellar septic bursitis in an 8-year-old boy. BMJ Case Reports 2019; 12 (1), art. no. e228564.

Ihsan M, Deldicque L, Molphy J, Britto F, Cherif A, Racinais S. Skeletal Muscle Signaling Following Whole-Body and Localized Heat Exposure in Humans. Frontiers in Physiology 2020; 11 art. no. 839.

Iljaž J, Wrobel LC, Hriberšek M, Marn J. The use of Design of Experiments for steady-state and transient inverse melanoma detection problems. International Journal of Thermal Sciences 2019, 135, 256-275.

Ilo A, Romsi P, Mäkelä J. Infrared Thermography as a Diagnostic Tool for Peripheral Artery Disease, Advances in Skin and Wound Care 2020; 33 (9) 482-488.

Ing AJ, Cocks C, Green JP. COVID-19: In the footsteps of Ernest Shackleton. Thorax 2020; 75 (8) 693-694.

Iqbal R, Bhandare D, St Louis M, Ruchi R. Think before you leap: Cutaneous hypersensitivity to polytetrafluoroethylene arteriovenous graft masquerading as infection. BMJ Case Reports 2019, 12 (9), art. no. e230401

Irajirad R, Ahmadi A, Najafabad BK, Abed Z, Sheervailou R, Khoei S, Shiran MB, Ghaznavi H, Shakeri-Zadeh A. Combined thermo-chemotherapy of cancer using 1 MHz ultrasound waves and a cisplatin-loaded sonosensitizing nanoplatform: an in vivo study. Cancer Chemotherapy and Pharmacology 2019; 84 (6): 1315-1321.

Ishimaru T, Ando S, Umishio W, Kubo T, Murakami S, Fujino Y, Ikaga T. Impact of Cold Indoor Temperatures on Overactive Bladder: A Nationwide Epidemiological Study in Japan. *Urology* 2020; 145 60-65.

Ishimaru T, Ishimaru H. Thermography for the Diagnosis of Acute Inflammation in the Paranasal Sinus. *International Archives of Otorhinolaryngology* 2020; 24 (2) E215-E220.

Islam MN, Mita Y, Maruyama K, Tanida R, Zhang W, Sakoda H, Nakazato M. Liver-expressed antimicrobial peptide 2 antagonizes the effect of ghrelin in rodents. *Journal of Endocrinology* 2020; 244 (1) 13-23.

Ismail HM, Pretty CG, Signal MK, Hadders M, Chase JG. Attributes performance and gaps in current & emerging breast cancer screening technologies. *Current Medical Imaging Reviews* 2019; 15 (2): 122-131.

Issaoui M, Balandraud X, Grédiac M, Blaysat B, Ouchchane L, Delabaere A, Sauvant-Rochat M-P, Lemery D. Temperature Rise Caused by Shear Wave Elastography Pulse Doppler and B-Mode in Biological Tissue: An Infrared Thermographic Approach. *Ultrasound in Medicine and Biology* 2020; 46 (2) 325-335.

Issaoui M, Miloro P, Balandraud X, Rivens I, Grédiac M, Blaysat B, Ouchchane L, Delabaere A, Sauvant-Rochat M-P, Lemery D. Temperature Elevation in an Instrumented Phantom Insonated by B-Mode Imaging Pulse Doppler and Shear Wave Elastography. *Ultrasound in Medicine and Biology* 2020; 46 (12) 3317-3326.

Iwasawa J, Koruth JS, Mittnacht AJ, Tran VN, Palaniswamy C, Sharma D, Bhardwaj R, Naniwadekar A, Joshi K, Sofi A, Syros G, Choudry S, Miller MA, Dukkipati SR, Reddy VY. The impact of mechanical oesophageal deviation on posterior wall pulmonary vein reconnection. *Europace* 2020; 22 (2) 232-239.

Izmailov A, Beylerli O, Pavlov V, Gareev I, Zabelin M, Ayupov R, Musin S, Sultanbaev A. Management strategy for cancer patients in the context of the COVID-19 epidemic. *Seminars in Oncology* 2020; 47 (5) 312-314.

Jack JM, Ellicott H, Jones CI, Bremner SA, Densham I, Harper CM. Determining the accuracy of zero-flux and ingestible thermometers in the peri-operative setting. *Journal of Clinical Monitoring and Computing* 2019; 33 (6): 1113-1118.

Jafari R, Cegolon L, Jafari A, Kashaki M, Otoukesh B, Ghahderijani BH, Izadi M, Saadat SH, Einollahi B, Javanbakht M. Large saddle pulmonary embolism in a woman infected by COVID-19 pneumonia. *European Heart Journal* 2020; 41 (22) p, 2133.

Jahan Y, Rahman S, Rahman A. COVID-19: A case report from Bangladesh perspective. *Respiratory Medicine Case Reports* 2020; 30 art. no. 101068.

Jahodová A, Beňová B, Kudr M, Ježdík P, Janča R, Bělohlávková A, Liby P, Leško R, Tichý M, Čelakovský P, Kršek P. A novel effective paradigm of intraoperative electrical stimulation mapping in children. *Journal of Neurosurgery: Pediatrics* 2020; 26 (2) 150-156.

Jain S, Hummel JP. Atrioesophageal fistula after catheter ablation: The more things change the more they stay the same. *PACE - Pacing and Clinical Electrophysiology* 2020; 43 (7) 625-626.

Jang H, Ma Y, Searleman AC, Carl M, Corey-Bloom J, Chang EY, Du J. Inversion recovery UTE based volumetric myelin imaging in human brain using interleaved hybrid encoding. *Magnetic Resonance in Medicine* 2020; 83 (3) 950-961.

Janowitz T, Gablenz E, Pattinson D, Wang TC, Conigliaro J, Tracey K, Tuveson D. Famotidine use and quantitative symptom tracking for COVID-19 in non-hospitalised patients: A case series. *Gut* 2020; 69 (9) 1592-1597.

Jason Wang C, Bair H, Yeh C-C. How to prevent and manage hospital-based infections during coronavirus outbreaks: Five lessons from Taiwan. *Journal of Hospital Medicine* 2020; 15 (6) 370-371.

Jaspers MEH, van Haasterecht L, van Zuijlen PPM, Mokkink LB. A systematic review on the quality of measurement techniques for the assessment of burn wound depth or healing potential. *Burns* 45 (2): 261-281

Jensen B, James R, Hong Y, Omoyinmi E, Pilkington C, Sebire NJ, Howell KJ, Brogan PA, Eleftheriou D. A case of Myhre syndrome mimicking juvenile scleroderma. *Pediatric Rheumatology* 2020; 18 (1) art. no. 72.

Jeon FHK, Griffin M, Denton CP, Butler PEM. Feasibility study of stem-cell enriched autologous lipotransfer to treat oro-facial fibrosis in systemic sclerosis (Sys-Stem): Protocol for open-label randomised controlled trial. *International Journal of Surgery Protocols* 2020; 23: 6-10.

Jeremiasse B, van den Bosch CH, Wijnen MWHA, Terwisscha van Scheltinga CEJ, Fiocco MF, van der Steeg AFW. Systematic review and meta-analysis concerning near-infrared imaging with fluorescent agents to identify the sentinel lymph node in oncology patients. *European Journal of Surgical Oncology* 2020; 46 (11) 2011-2022.

Jermakowicz, WJ, Mahavadi AK, Cajigas I, Dan L, Guerra S, Farooq G, Shah AH, D'Haese PF, Ivan ME, Jagid JR, Komotor RJ. Predictive modeling of brain tumor laser ablation dynamics. *Journal of Neuro-Oncology* 2019; 144 (1): 193-203.

Ji Y, Winter L, Navarro L, Ku M-C, Periquito JS, Pham M, Hoffmann W, Theune LE, Calderón M, Niendorf T. Controlled release of therapeutics from thermoresponsive nanogels: A thermal magnetic resonance feasibility study. *Cancers* 2020; 12 (6) art. no. 1380.

Jian BL, Chen CL, Huang MW, Yau HT. Emotion-specific facial activation maps based on infrared thermal image sequences. *IEEE Access* 2019, 7, 48046-48052.

Jiang J, She B, Zheng R. Bacteremia caused by the *eggerthella lenta* in a previously healthy 30-year-old man with acute suppurative appendicitis: A case report from china. *Infection and Drug Resistance* 2020; 13 3695-3698.

Jiang L, Liu X, Yin H, Liang Y, Liu H, Miao B, Peng Q, Meng D, Wang S, Yang J, Guo Z. The utilization of biomimetic technique based on microbial induced phosphate precipitation in remediation of potentially toxic ions contaminated soil: A mini review. *Ecotoxicology and Environmental Safety* 2020; 91 art. no. 110009.

Jiang M, Li Y, Han M, Wang Z, Zhang Y, Du X. Recurrent PCR positivity after hospital discharge of people with coronavirus disease 2019 (COVID-19). *Journal of Infection* 2020; 81 (1) 147-178.

Jiang M, Zhang W, Zhang T, Liang G, Hu B, Han P, Gong W. Assessing transfer of pesticide residues from chrysanthemum flowers into tea solution and associated health risks. *Ecotoxicology and Environmental Safety* 2020; 187 art. no. 109859.

Jiang Q-R, Li J-S, Chen S-H, Li X-P, Liu X-W, Yu J, Li W. Orthogonal test on local temperature influenced by different parameters and manipulation types of An-pressing Xinshu (BL 15) *Journal of Acupuncture and Tuina Science* 2019; 17 (3): 147-154.

Jiang R, Jia S, Qiao Y, Chen Q, Wen J, Liang D, Liu X, Zheng H, Zou C. Real-time volumetric MR thermometry using 3D echo-shifted sequence under an open source reconstruction platform. *Magnetic Resonance Imaging* 2020; 70 22-28.

Jiang R, Zei PC, Jiang C. Prevention of left atrium esophagus fistula: Appraisal of existing technologies and strategies. *PACE - Pacing and Clinical Electrophysiology* 2020; 43 (7) 646-654.

Jimenez-Pavon D, Corral-Perez, J, Sánchez-Infantes D, Villarroya F, Ruiz, JR, Martinez-Tellez, B. Infrared Thermography for Estimating Supraclavicular Skin Temperature and BAT Activity in Humans: A Systematic Review. *Obesity* 2019; 27 (12): 1932-1949.

Jin H, Liu J, Cui M, Lu L. Novel coronavirus pneumonia emergency in Zhuhai: impact and challenges. *Journal of Hospital Infection* 2020; 104 (4) 452-453.

Jin H, Reed JC, Liu STH, Ho H-E, Lopes JP, Ramsey NB, Waqar O, Rahman F, Aberg JA, Bouvier NM, Cunningham-Rundles C, Lin H-M, Abrams-Downey A, Cascetta KP, Glatt AE, Koshy SC, Kojic E,

- Mazo DS, Perlman D, Rudolph S, Steinberg J, Schneider T, Baine I, Wajnberg A, Gumprecht JP, Rodriguez D, Sanki C, Dupper A, Altman DR, Krammer F, Mendum DR, Firpo-Betancourt A, Cordon-Cardo C, Jhang JS, Arinsberg SA, Reich DL. Three patients with X-linked agammaglobulinemia hospitalized for COVID-19 improved with convalescent plasma. *Journal of Allergy and Clinical Immunology: In Practice* 2020; 8 (10) 3594-3596.e3.
- Joko T, Yamada H, Kimura T, Teraoka M, Hato N. Non-recovery animal model of severe facial paralysis induced by freezing the facial canal. *Auris Nasus Larynx* 2020; 47 (5) 778-784.
- Jones EL, Halpern AL, Carmichael H, Wikiel KJ, Jones TS, Moore JT, Robinson TN, Barnett CC. Hepatic Ablation Promotes Colon Cancer Metastases in an Immunocompetent Murine Model. *Annals of Surgery* 2019; 270 (4): 675-680.
- Jones P, Bibb R, Davies M, Khunti K, McCarthy M, Webb D, Zaccardi F. Prediction of Diabetic Foot Ulceration: The Value of Using Microclimate Sensor Arrays. *Journal of Diabetes Science and Technology* 2020; 14 (1) 55-64.
- Jones RM, Huang Y, Meng Y, Scantlebury N, Schwartz ML, Lipsman N, Hynnen K. Echo-Focusing in Transcranial Focused Ultrasound Thalamotomy for Essential Tremor: A Feasibility Study. *Movement Disorders* 2020; 35 (12) 2327-2333.
- Jones RM, Kamps S, Huang Y, Scantlebury N, Lipsman N, Schwartz ML, Hynnen K. Accumulated thermal dose in MRI-guided focused ultrasound for essential tremor: Repeated sonication with low focal temperatures. *Journal of Neurosurgery* 2020; 132 (6) 1802-1809.
- Jones TW, Shillabeer BC, Cardinale M. Skin temperature training load and subjective muscle soreness in junior endurance athletes: A case study. *International Journal of Sports Physiology and Performance* 2020; 15 (9) 1349-1352.
- Joof E, Andrus PS, Sowunmi K, Onyango VM, Wade CM. Comparing PCR techniques against conventional cercarial shedding methods for detecting *Schistosoma mansoni* infection in Biomphalaria snails. *Acta Tropica* 2020; 212 art. no. 105716.
- Jorge A, Fish EJ, Dixon CE, Hamilton KD, Balzer J, Thirumala P. The Effect of Prophylactic Hypothermia on Neurophysiological and Functional Measures in the Setting of Iatrogenic Spinal Cord Impact Injury. *World Neurosurgery* 2019; 129: e607-e613.
- Jørgensen E, Bay L, Skovgaard LT, Bjarnsholt T, Jacobsen S. An equine wound model to study effects of bacterial aggregates on wound healing. *Advances in Wound Care* 2019; 8 (10): 487-498.
- Jouffroy R, Saade A, Durand S, Philippe P, Carli P, Vivien B. Predicting value of prehospital body temperature for ICU admission of septic shock patients. *Acute Medicine* 2019; 18 (1): 56-58.
- Juang S-F, Chiang H-C, Tsai M-J, Huang M-K. Integrated Hospital Quarantine System against COVID-19. *Kaohsiung Journal of Medical Sciences* 2020; 36 (5) 380-381.
- Kadado AJ, Akar JG, Hummel JP. Luminal esophageal temperature monitoring to reduce esophageal thermal injury during catheter ablation for atrial fibrillation: A review. *Trends in Cardiovascular Medicine* 2019; 29 (5): 264-271.
- Kaiser LG, Russell D, Maschmeyer T, Redfern RL, Inglis BA. Methylsulfonylmethane (MSM): A chemical shift reference for ¹H MRS of human brain. *Magnetic Resonance in Medicine* 2020; 83 (4) 1157-1167.
- Kakileti ST, Madhu HJ, Manjunath G, Wee L, Dekker A, Sampangi S. Personalized risk prediction for breast cancer pre-screening using artificial intelligence and thermal radiomics. *Artificial Intelligence in Medicine* 2020; 105 art. no. 101854.
- Kalev G, Egglseder T, Marquardt C, Schiedek T. Influence of Local Insufflation of Warm Humidified CO₂ on the Wound Surface and Body Core Temperature as well as on Wound Healing in Open Colorectal Surgery. *Zentralblatt für Chirurgie - Zeitschrift für Allgemeine Viszeral- und Gefäßchirurgie* 2020; 145 (2) 188-199.

- Kaliszan M, Wujtewicz, M. Eye temperature measured after death in human bodies as an alternative method of time of death estimation in the early post-mortem period. A successive study on new series of cases with exactly known time of death. *Legal Medicine* 2019; 38: 10-13.
- Kalmar CL, Reed CM, Peery CL, Salzberg AD. Intraluminal indocyanine green for intraoperative staple line leak testing in bariatric surgery. *Surgical Endoscopy* 2020; 34 (9) 4194-4199.
- Kamenidou I, Stavrianea A, Liava C, Achieving a Covid-19 free country: Citizens preventive measures and communication pathways. *International Journal of Environmental Research and Public Health* 2020; 17 (13) art. no. 4633 1-18.
- Kaminski J, Delpech P-O, Kaaki-Hosni S, Promeyrat X, Hauet T, Hannaert P. Oxygen Consumption by Warm Ischemia-Injured Porcine Kidneys in Hypothermic Static and Machine Preservation. *Journal of Surgical Research* 2019; 242: 78-86.
- Kampmeier J, Werner JU, Wagner P, Lang GK, Russ D. In Vitro Study of Subablative Er:YAG Laser and Diode Laser Therapy vs Thermal Cautery in Microbial Keratitis. *Klinische Monatsblätter für Augenheilkunde* 2019; 236 (11): 1331-1338.
- Kanbayashi Y, Sakaguchi K, Ishikawa T, Ouchi Y, Nakatsukasa K, Tabuchi Y, Kanehisa F, Hiramatsu M, Takagi R, Yokota I, Katoh N, Taguchi T. Comparison of the efficacy of cryotherapy and compression therapy for preventing nanoparticle albumin-bound paclitaxel-induced peripheral neuropathy: A prospective self-controlled trial. *Breast* 2020; 49: 219-224.
- Kandala SK, Liapi E, Whitcomb LL, Attaluri A, Ivkovic R. Temperature-controlled power modulation compensates for heterogeneous nanoparticle distributions: a computational optimization analysis for magnetic hyperthermia. *International Journal of Hyperthermia* 2019; 36 (1): 115-129.
- Kang JY, Yenokyan G, Hwang BY, Chen M, Penn R, Mampre D, Sperling MR, Kamath V. Odor identification predicts postoperative seizure control following magnetic resonance-guided laser interstitial thermal therapy. *Epilepsia* 2020; 61 (9) 1949-1957.
- Kantamneni H, Barkund S, Donzanti M, Martin D, Zhao X, He S, Rimani RE, Tan MC, Pierce MC, Roth CM, Ganapathy V, Moghe PV. Shortwave infrared emitting multicolored nanoprobes for biomarker-specific cancer imaging in vivo. *BMC Cancer* 2020; 20 (1) art. no. 1082.
- Kapek Cholewka A, Szurko A, Sieroń K, Sieroń A, Kwiatek S, Stanek A. Monitoring PDT effects in basal cell carcinoma treatment using thermal imaging. *Photodiagnosis and Photodynamic Therapy* 2020; 31 art. no. 101845.
- Kapek Ł, Cholewka A, Szlag M, Wojcieszek P, Stanek A, Kellas-Ślęczka S, Ślosarek K, Cholewka A. Thermal evaluation of skin temperature due to brachytherapy treatment on basal cell carcinoma. *Thermology international* 2019, 29(2) 84
- Kapito-Tembo A, Mathanga D, Bauleni A, Nyirenda O, Pensulo P, Ali D, Valim C, Taylor TE, Laufer MK, Prevalence and clinical management of non-malarial febrile illnesses among outpatients in the era of universal malaria testing in Malawi. *American Journal of Tropical Medicine and Hygiene* 2020; 103 (2) 887-893.
- Kaps L, Leber N, Klefenz A, Choteschovsky N, Zentel R, Nuhn L, Schuppan D. In Vivo siRNA Delivery to Immunosuppressive Liver Macrophages by α-Mannosyl-Functionalized Cationic Nanohydrogel Particles. *Cells* 2020; 9(8), 1905
- Karaaslan MB, Deniz A, Eray IC, Kurancı S, Yücel SP, Sönmez ÖS, Çelik AI, Deveci OS, Demir M, Kanadaşı M, Usal A. Determination of the effects of cryoablation for atrial fibrillation on esophageal functions. *Anatolian Journal of Cardiology* 2020; 23 (4) 223-227.
- Karakitsios I, Mihcin S, Melzer A. Reference-less MR thermometry on pre-clinical thiell human cadaver for liver surgery with MRgFUS. (2019) *Minimally Invasive Therapy and Allied Technologies* 2019; 28 (1): 15-21
- Karim AS, Shaum K, Gibson ALF. Indeterminate-Depth Burn Injury—Exploring the Uncertainty. *Journal of Surgical Research* 2020; 245 183-197.

- KarisAllen JJ, Veres SP. Effect of testing temperature on the nanostructural response of tendon to tensile mechanical overload. *Journal of Biomechanics* 2020; 104 art. no. 109720.
- Kartoglu UH, Moore KL, Lloyd JS. Logistical challenges for potential SARS-CoV-2 vaccine and a call to research institutions developers and manufacturers. *Vaccine* 2020; 38 (34) 5393-5395.
- Kasprzyk T, Cholewka A, Kucewicz M, Sieroń K, Sillero-Quintana M, Morawiec T, Stanek A. A quantitative thermal analysis of cyclists' thermo-active base layers. *Journal of Thermal Analysis and Calorimetry* 2019, 136(4), 1689-1699.
- Kasprzyk T, Stanek A, Sieroń K, Cholewka A. Application of thermal imaging in athlete's thermoregulation mechanisms assessment after dynamic training. *Thermology international* 2019, 29(2) 82-83
- Kasprzyk-Kucewicz T, Szurko A, Stanek A, Sieroń K, Morawiec T, Cholewka A. Usefulness in developing an optimal training program and distinguishing between performance levels of the athlete's body by using of thermal imaging. *International Journal of Environmental Research and Public Health* 2020; 17 (16) art. no. 5698 1-13.
- Kath N, Handels H, Mastmeyer A. Robust GPU-based virtual reality simulation of radio-frequency ablations for various needle geometries and locations. *International Journal of Computer Assisted Radiology and Surgery* 2019; 14 (11): 1825-1835.
- Kaushik A, Mahajan R, De D, Handa S. Paediatric morphoea: a holistic review, Part 2: diagnosis measures of disease activity management and natural history. *Clinical and Experimental Dermatology* 2020; 45 (6) 679-684.
- Kawali AA, Sanjay S, Mahendradas P, Shetty R. Thermography in posterior scleritis. *Russian Journal of Clinical Ophthalmology* 2020; 20 (4) 204-208.
- Kawamori A, Fukaya K, Kitazawa M, Ishiguro M. A self-excited threshold autoregressive state-space model for menstrual cycles: Forecasting menstruation and identifying within-cycle stages based on basal body temperature. *Statistics in Medicine* 2019; 38 (12): 2157-2170.
- Kawamura R, Mizutani K, Lin T, Lin T, Lin T, Kakizaki S, Mimata A, Watanabe K, Saito N, Meinzer W, Iwata T, Izumi Y, Izumi Y, Aoki A. Ex Vivo Evaluation of Gingival Ablation with Various Laser Systems and Electroscalpel. *Photobiomodulation Photomedicine and Laser Surgery* 2020; 38 (6) 364-373.
- Kazi DS, Martin LM, Litmanovich D, Pinto DS, Clerkin KJ, Zimetbaum PJ, Dudzinski DM. Case 18-2020: A 73-year-old man with hypoxemic respiratory failure and cardiac dysfunction. *New England Journal of Medicine* 2020; 382 (24) 2354-2364.
- Kem DC, Li H, Yu X, Weedin E, Reynolds AC, Forsythe E, Beel M, Fischer H, Hines B, Guo Y, Deng J, Liles JT, Nuss Z, Elkossseifi M, Aston CE, Burks HR, Craig LB. The role of GnRH receptor autoantibodies in polycystic ovary syndrome. *Journal of the Endocrine Society* 2020; 4 (8) art. no. bva078.
- Kennedy EM, Dowall SD, Salguero FJ, Yeates P, Aram M, Hewson R. A vaccine based on recombinant modified Vaccinia Ankara containing the nucleoprotein from Lassa virus protects against disease progression in a guinea pig model. *Vaccine* 2019; 37 (36): 5404-5413.
- Keserci B, Duc NM, Nadarajan C, Huy HQ, Saizan A, Wan Ahmed WA, Osman K, Abdullah MS. Volumetric MRI-guided high-intensity focused ultrasound ablation of uterine leiomyomas: ASEAN preliminary experience. *Diagnostic and Interventional Radiology* 2020; 26 (3) 207-215.
- Khabadze Z, Kulikova A, Abdulkerimova S, Bakaev Y, Bakaev Y, Todua D, Mordanov O, Adzhieva A, Davreshyan G, Solimanov S, Nazhmudinov S. The substantiation of the pre-polymerization heating efficiency of the dental nanocomposite material. *Pesquisa Brasileira em Odontopediatria e Clinica Integrada* 2020; 20 art. no. e0030 1-9.
- Khadir Fall A, Lemoine C, Besnier P, Sauleau R, Le Dréan Y, Zhadobov M. Exposure Assessment in Millimeter-Wave Reverberation Chamber Using Murine Phantoms. *Bioelectromagnetics* 2020; 41 (2) 121-135.

- Khan S, Jan F, Iqbal MS, Khan MF, Qayyum W, Waqas M. Leucocytosis in acute ischemic stroke and its effect on short term morbidity. *Medical Forum Monthly* 2020; 31 (4) 6-9.
- Khan UM, Rittenberg A. Fisherman's Dilemma: Disseminated *Mycobacterium marinum* in an Immunosuppressed Patient. *American Journal of Medicine* 2020; 133 (10) e549-e551.
- Khanam F, Rajib NH, Tonks S, Khalequzzaman Md, Pollard AJ, Clemens JD, Qadri F. Case report: *Salmonella enterica* serovar paratyphi B infection in a febrile ill child during enhanced passive surveillance in an urban slum in Mirpur Dhaka. *American Journal of Tropical Medicine and Hygiene* 2020; 103 (1) 231-233.
- Kharina VI, Berezhnova TA. Evaluation of the effectiveness of pharmacotherapy for brain and heart diseases by monitoring the effects of drugs. *Research Results in Pharmacology* 2020; 6 (2) 43-55.
- Khera B, Chang C, Koshy K. A commentary on 'Effects of preoperative warming on the occurrence of surgical site infection: A systematic review and meta-analysis' (Int J Surg 2020; 77:40-47). *International Journal of Surgery* 2020; 84 184-185.
- Kiera D, Baic A, Stankiewicz M, Lange B, Stanek A, Śłosarek K, Cholewka A. Correlation of isotherms with isodoses for patients with breast cancer treated by radiotherapy. *Thermology international* 2019, 29(2) 84
- Kiera D, Baic A, Stankiewicz M, Lange B, Stanek A, Śłosarek K, Kowalczyk A, Cholewka A. Thermal imaging for monitoring chemotherapy in breast cancer patients -preliminary results. *Thermology international* 2019, 29(2) 85
- Kim DH, Kim YS, Shin SJ, Kang H, Kim S, Shin HY. Retrospective outcome evaluation of cervical nucleoplasty using digital infrared thermographic imaging. *Neurospine* 2019; 16 (2): 325-331.
- Kim HK, Quan YH, Oh CH, Jung D, Lim J-Y, Choi BH, Rho J, Choi Y, Han KN, Kim B-M, Kim C, Park J-H. Evaluation of Intraoperative Near-Infrared Fluorescence Visualization of the Lung Tumor Margin with Indocyanine Green Inhalation. *JAMA Surgery* 2020; 155 (8) 732-740.
- Kim J, Kwon JH, Kim E, Yoo SK, Shin C-S. Respiratory measurement using infrared thermography and respiratory volume monitor during sedation in patients undergoing endoscopic urologic procedures under spinal anesthesia. *Journal of Clinical Monitoring and Computing* 33 (4): 647-656
- Kim JH, Park JH, Shin SD, Song KJ, Hong KJ, Kim TH, Kim KH. Effects of moderate hypothermia versus normothermia on survival outcomes according to the initial body temperature in out-of-hospital cardiac patients: A nationwide observational study. *Resuscitation* 2020; 151 157-165.
- Kim K, Breton E, Gangi A, Vappou J. Simultaneous fat-referenced proton resonance frequency shift thermometry and MR elastography for the monitoring of thermal ablations. *Magnetic Resonance in Medicine* 2020; 84 (1) 339-347.
- Kim NE, Park B, Moon YR, Lee SY, Gil HY, Kim S, Lee S, Chang HS, Jeong HW, Park H, Lee AR, Ahn S, Kim TK, Kim JE, Choi JB. Changes in facial temperature measured by digital infrared thermal imaging in patients after transnasal sphenopalatine ganglion block: Retrospective observational study. *Medicine* 2019; 98 (15), p. e15084
- Kim NJ, Choe PG, Park S-J, Lim J, Lee WJ, Kang CK, Park WB, Seong M-W, Oh M-D. A cluster of tertiary transmissions of 2019 novel coronavirus (SARS-CoV-2) in the community from infectors with common cold symptoms. *Korean Journal of Internal Medicine* 2020; 35 (4) 758-764.
- Kim SH, Yoo HW, Kim YM, Kim H-Y. Wells' syndrome related to *Mycoplasma pneumoniae* in a 5-year-old boy. *Pediatrics International* 2020; 62 (5) 635-637.
- Kim T, Lee E. Nose region detection for measurement of non-contact respiration rate using convolutional neural network. *Indian Journal of Public Health Research and Development* 2019; 10 (5): 949-954.
- Kimia AA, Rudloe TF, Aprahamian N, McNamara J, Roberson D, Landschaft A, Vaughn J, Harper MB. Predictors of a drainable suppurative adenitis among children presenting with cervical adenopathy. *American Journal of Emergency Medicine* 2019; 37 (1): 109-113.

Kimura T, Tabata S, Togawa T, Onchi H, Iida A, Sato Y, Goi T. Pancreatic acinar cell carcinoma with a ductal adenocarcinoma component: A case report and analysis of the histogenesis of the tumor. *World Journal of Surgical Oncology* 2020; 18 (1) art. no. 238.

Kingma CF, Hofman II, Daanen HAM. Relation between finger cold-induced vasodilation and rewarming speed after cold exposure. *European Journal of Applied Physiology* 2019; 119 (1): 171-180.

Kirtsman M, Diambomba Y, Poutanen SM, Malinowski AK, Vlachodimitropoulou E, Parks WT, Erdman L, Morris SK, Shah PS. Probable congenital sars-cov-2 infection in a neonate born to a woman with active sars-cov-2 infection. *CMAJ* 2020; 192 (24) E647-E650.

Kishore Kumar S, Thulasiram E, Sreenivasan P. Role of thermography in diagnosis of patients with temporomandibular disorder. *Indian Journal of Public Health Research and Development* 2019; 10 (8): 1771-1774.

Klama-Baryła A, Kitala D, Łabuś W, Kraut M, Szapski M, Smętek W. Infrared Thermal Imaging as a Method of Improving Skin Graft Qualification Procedure and Skin Graft Survivability. *Transplantation Proceedings* 2020; 52 (7) 2223-2230.

Klementieva O, Sandt C, Martinsson I, Kansiz M, Gouras GK, Borondics F. Super-Resolution Infrared Imaging of Polymorphic Amyloid Aggregates Directly in Neurons. *Advanced Science* 2020; 7 (6) art. no. 1903004.

Knapik JJ, Reynolds KL, Castellani JW. Frostbite: Pathophysiology Epidemiology Diagnosis Treatment and Prevention. *Journal of Special Operations Medicine* 2020; 20 (4) 123-135.

Knudsen JB, Pinder M, Jatta E, Jawara M, Yousuf MA, Søndergaard AT, Lindsay SW. Measuring ventilation in different typologies of rural Gambian houses: A pilot experimental study. *Malaria Journal* 2020; 19 (1) art. no. 273.

Ko ER, Philipson CW, Burke TW, Cer RZ, Bishop-Lilly KA, Voegtle LJ, Tsalik EL, Woods CW, Clark DV, Schully KL. Direct-from-blood RNA sequencing identifies the cause of post-bronchoscopy fever. *BMC Infectious Diseases* 2019; 19 (1), art. no. 905.

Ko G-A, Kang HR, Moon JY, Ediriweera MK, Eum S, Bach TT, Cho SK. *Annona squamosa* L, leaves inhibit alpha-melanocyte-stimulating hormone (α -MSH) stimulated melanogenesis via p38 signaling pathway in B16F10 melanoma cells. *Journal of Cosmetic Dermatology* 2020; 19 (7) 1785-1792.

Ko Y, Sun S-H, Han I-S, Go H-Y, Kim T-H, Lee J-M, Jang J-B, Park KS, Song Y-K, Lee K-Y, Jeon C-Y, Ko S-G. The efficacy and safety of Sipjeondaebatang in Korean patients with cold hypersensitivity in the hands and feet: A protocol for a pilot randomized double-blind placebo-controlled parallel-group clinical trial. *Trials* 2019; 20 (1), art. no. 217.

Kocak B, Arpalı E, Akyolu B, Yelken B, Tekin S, Kanbay M, Turkmen A, Kalayoglu M. Oligosymptomatic Kidney Transplant Patients With COVID-19: Do They Pose a Risk to Other Recipients? *Transplantation Proceedings* 2020; 52 (9) 2663-2666.

Kodera S, Rashed EA, Hirata A. Correlation between COVID-19 morbidity and mortality rates in Japan and local population density temperature and absolute humidity. *International Journal of Environmental Research and Public Health* 2020; 17 (15) art. no. 5477 1-14.

Koenig C, Bodmer N, Agyeman PKA, Niggli F, Adam C, Ansari M, Eisenreich B, Keller N, Leibundgut K, Nadal D, Roessler J, Scheinemann K, Simon A, Teuffel O, von der Weid NX, Zeller M, Zimmermann K, Ammann RA. 39.0°C versus 38.5°C ear temperature as fever limit in children with neutropenia undergoing chemotherapy for cancer: a multicentre cluster-randomised multiple-crossover non-inferiority trial. *The Lancet Child and Adolescent Health* 2020; 4 (7) 495-502.

Koerner S, Adams D, Harper SL, Black JM, Langemo DK. Use of Thermal Imaging to Identify Deep-Tissue Pressure Injury on Admission Reduces Clinical and Financial Burdens of Hospital-Acquired Pressure Injuries. *Advances in Skin and Wound Care* 2019; 32 (7): 312-320.

- Kok HP, Cressman ENK, Ceelen W, Brace CL, Ivkov R, Grüll H, ter Haar G, Wust P, Crezee J. Heating technology for malignant tumors: a review. *International Journal of Hyperthermia* 2020; 37 (1) 711-741.
- Kolkowitz ID, Marcou MA, Kuttab HI. Middle-Aged Man with a Leg Rash: Exercise-Induced Vasculitis. *Journal of Emergency Medicine* 2020; 59 (3) 442-443.
- Kollmann Camaiora A, Brogly N, Alsina E, Celis ID, Huercio I, Gilsanz, F. Validation of the Zero-Heat-Flux thermometer (SpotOn®) in major gynecological surgery to monitor intraoperative core temperature: A comparative study with esophageal core temperature. *Minerva Anestesiologica* 2019; 85 (4): 351-357.
- Komagata H, Hattori T, Ohshima R, Kakinuma E, Ishikawa M, Shinoda K, Kobayashi N. Development of human behavior monitoring system around bed using infrared depth sensor. 2019 IEEE 1st Global Conference on Life Sciences and Technologies LifeTech 2019, art. no. 8884068: 117-118.
- Kong KH, Chong WT, Koh VL. Human behaviour-dependent and variable-flow-reversible mechanical ventilation system design in an underground parking facility. *Indoor and Built Environment* 2019; 28 (10): 1324-1340.
- Konieczka K, Koch S, Hauenstein D, Chackathayil TN, Binggeli T, Schoetzau A, Flammer J. Effects of the glaucoma drugs latanoprost and brimonidine on corneal temperature. *Translational Vision Science and Technology* 2019; 8 (3), art. no. 47
- Kontsek E, Pesti A, Björnstedt M, Üveges T, Szabó E, Garay T, Gordon P, Gergely S, Kiss A. Mid-Infrared Imaging Is Able to Characterize and Separate Cancer Cell Lines. *Pathology and Oncology Research* 2020; 26 (4) 2401-2407.
- Koonce SL, Sarik JR, Forleiter CM, Newman MI. A classification system and treatment algorithm for mastectomy flap ischemia in alloplastic breast reconstruction. *Journal of Plastic Reconstructive and Aesthetic Surgery* 2020; 73 (10) 1854-1861.
- Kopec KT, Kim T, Mowry J, Aks S, Kao L. Role of dantrolene in dinitrophenol (DNP) overdose: A continuing question? *American Journal of Emergency Medicine* 2019; 37 (6): 1216.e1-1216.e2.
- Korakaki D, Mouroutsos S, Tripsianis G, Nikolettos N, Asimakopoulos B. Temperature decline in embryological culture dishes outside incubator. *International Journal of Fertility and Sterility* 2020; 14 (1) 63-67.
- Kornicka-Garbowska K, Pedziwiatr R, Woźniak P, Kucharczyk K, Marycz, K. Microvesicles isolated from 5-azacytidine-and-resveratrol-treated mesenchymal stem cells for the treatment of suspensory ligament injury in horse - A case report. *Stem Cell Research and Therapy* 2019; 10 (1), art. no. 394
- Kose D, Cadirci E, Halici Z, Sirin B, Dincer B. The investigation of possible roles of central 5-HT₇ receptors in antipyretic effect mechanism of paracetamol in LPS-induced hyperthermia model of mice. *Inflammopharmacology* 2019; 27 (6): 1169-1178.
- Kosiński S, Podsiadło P, Pasquier M, Darocha T. Temperature measurement in severely traumatized patients. *Journal of Trauma and Acute Care Surgery* 2019; 86 (4), p. 759.
- Kotelnikova LP, Fedachuk AN. Endothelial dysfunction in patients with adrenal tumors during skin thermometry with local heating. *Novosti Khirurgii* 2019; 27 (1): 66-71.
- Kotsirilos C, Elntib S. Temperature fluctuations at sympathetic preganglionic neuron sites in the thoracolumbar section of the spinal column as cues to deception: a preliminary study. *Journal of Forensic Psychiatry and Psychology* 2019; 30 (4): 706-725.
- Kotsopoulou M, Papadaki C, Anargyrou K, Spyridonidis A, Baltadakis I, Papadaki HA, Angelopoulou M, Pappa V, Liakou K, Tzanetakou M, Moustaka M, Vassilopoulos G. Effectiveness and Safety of Micafungin in Managing Invasive Fungal Infections among Patients in Greece with Hematologic Disorders: The ASPIRE Study. *Infectious Diseases and Therapy* 2019; 8 (2): 255-268.

- Kovalov GO, Gordiyenko EYu, Fomenko YV, Shustakova GV, Kiporenko PV, Olefirenko OO. Dynamics of freezing and warming of soft tissues with short-term effect on skin with cryoapplicator. Problems of Cryobiology and Cryomedicine 2020; 30 (4) 359-368.
- Kraft CS, Mehta AK, Varkey JB, Lyon GM, Vanairsdale S, Bell S, Burd EM, Sexton ME, Cassidy LA, Olinger P, Rengarajan K, Raabe VN, Davis E, Henderson S, Desroches P, Xu Y, Mulligan MJ, Ribner BS. Serosurvey on healthcare personnel caring for patients with Ebola virus disease and Lassa virus in the United States. Infection Control and Hospital Epidemiology 2020; 41 (4) 385-390.
- Král Z, Adam Z, Folber F, Moulis M, Tomíška M, Říhová, L, Štork M, Buliková, A, Pour L, Krejčí, M, Sandecká, V, Koukalová, R, Řehák Z, Čermáková, Z. Systemic inflammatory response with high CRP values as the dominant symptom of multiple myeloma. Vnitřní Lekarství 2019; 65 (1): 37-44.
- Krase AA, Flouris AD, Karatzafiri C, Giannaki CD, Stefanidis I, Sakkas GK. Separate and combined effects of cold dialysis and intradialytic exercise on the thermoregulatory responses of hemodialysis patients: a randomized-cross-over study. BMC Nephrology 2020; 21 (1) art. no. 524.
- Krauthammer A, Harel T, Zevit N, Shouval DS, Shamir R, Weiss B. Knowledge of disease and self-management of adolescents with inflammatory bowel diseases. Acta Paediatrica International Journal of Paediatrics 2020; 109 (10) 2119-2124.
- Kravchuk B, Getman V, Sokur P, Bilokon O. Clinical and diagnostics aspects of benign mediastinal formations in children. Georgian medical news 2019; (289): 55-61.
- Kremers I, Hohberger B, Bergua A. Infrared thermography: different options of thermal eyelid warming. Graefe's Archive for Clinical and Experimental Ophthalmology 2020; 258 (7) 1515-1522.
- Krepkogorskiĭ NV, Ignat'ev IM, Bredikhin RA. Use of thermal imager in preparation of non-reversed autovein for femoropopliteal bypass grafting. Angiologiya i sosudistaia khirurgija = Angiology and Vascular Surgery 2019; 25 (2): 118-123
- Krishna V, Sammartino F, Agrawal P, Changizi BK, Bourekas E, Knopp MV, Rezai A. Prospective tractography-based targeting for improved safety of focused ultrasound thalamotomy. Clinical Neurosurgery 2019; 84 (1): 160-168.
- Kroesen M, Mulder HT, Van Holthe JML, Aangeenbrug AA, Mens JWM, Van Doorn HC, Paulides MM, Oomen-de Hoop E, Vernhout RM, Lutgens LC, Van Rhoon GC, Franckena M. The effect of the time interval between radiation and hyperthermia on clinical outcome in 400 locally advanced cervical carcinoma patients. Frontiers in Oncology 2019; 9 (3), art. no. 134.
- Kryukov AI, Ivoylov AY, Bokshanskiy VB, Sakharov AA, Arzamazov SG, Panasov SA, Gorovaya EV, Tsarapkin GY. Features of thermal effect at high-frequency laser impact on biological tissue (experiment). Technique of laser ablation of a pharyngeal tonsil. Vestnik Otorinolaringologii 2019; 84 (4): 13-16
- Kubicek J, Vilimek D, Krestanova A, Penhaker M, Kotalova E, Faure-Brac B, Noel C, Scurek R, Augustynek M, Cerny M, Kantor T. Prediction model of alcohol intoxication from facial temperature dynamics based on K-means clustering driven by evolutionary computing. Symmetry 2019, 11(8), 995
- Kuderer S, Helmert E, Szöke H, Joos S, Kohl M, Svaldi J, Beissner F, Andrasik F, Vagedes J. Increasing Warmth in Adolescents with Anorexia Nervosa: A Randomized Controlled Crossover Trial Examining the Efficacy of Mustard and Ginger Footbaths. Evidence-based Complementary and Alternative Medicine 2020 art. no. 2416582.
- Kumar A, Martin DP, Dhanorker SR, Brandt SR, Schroeder DR, Hanson AC, Cima RR, Dowdy SC. Improving the rate of surgical normothermia in gynecologic surgery. Gynecologic Oncology 2019; 154 (3): 590-594.
- Kumar N, Dubey PK, Kumar A, Singh V. Core body temperature monitoring using Baska airway. Trends in Anaesthesia and Critical Care 2019; 25: 36-37.
- Kümin M, Deery J, Turney S, Price C, Vinayakam P, Smith A, Filippa A, Wilkinson-Guy L, Moore F, O'Sullivan M, Dunbar M, Gaylard J, Newman J, Harper CM, Minney D, Parkin C, Mew L, Pearce O, Third K, Shirley H, Reed M, Jefferies L, Hewitt-Gray J, Scarborough C, Lambert D, Jones CI, Bremner

S, Fatz, D, Perry N, Costa M, Scarborough M. Reducing Implant Infection in Orthopaedics (RIIIO): Results of a pilot study comparing the influence of forced air and resistive fabric warming technologies on postoperative infections following orthopaedic implant surgery. *Journal of Hospital Infection* 2019; 103 (4): 412-419.

Kuo C-Y, Chan C-K, Wu C-Y, Phan D-V, Chan C-L. The short-term effects of ambient air pollutants on childhood asthma hospitalization in Taiwan: A national study. *International Journal of Environmental Research and Public Health* 2019; 16 (2), art. no. 203.

Kurosawa Y, Kuroiwa M, Nagata M, Kime A, Fuse S, Kime R, Hamaoka T. A Single-dose of oral nattokinase activates natural killer cells in healthy individuals -A randomized double-blind placebo-controlled crossover study. *Japanese Pharmacology and Therapeutics* 2019; 47 (9): 1463-1469.

Kushwaha S, Bogoch II, Mak S, Rogalla P, Detsky AS. In the absence of proof. *New England Journal of Medicine* 2020; 383 (19) 1878-1884.

Kwak H, Koh J, Min K. Botulinum toxin treatment for intractable allodynia in a patient with complex regional pain syndrome: A case report. *Neurology Asia* 2020; 25 (2) 215-219.

Labani A, Germain P, Douchet M-P, Beghi M, Von Hunolstein JJ, Zeyons F, Roy C, El Ghannudi S. Acute Myopericarditis in a Patient With Mild SARS-CoV-2 Respiratory Infection. *CJC Open* 2020; 2 (5) 435-437.

Lai THT, Tang EWH, Chau SKY, Fung KSC, Li KK. Stepping up infection control measures in ophthalmology during the novel coronavirus outbreak: an experience from Hong Kong. *Graefe's Archive for Clinical and Experimental Ophthalmology* 2020; 258 (5) 1049-1055.

Lana G, Zacarias-Garcia J, Distefano G, Gentile A, Rodrigo MJ, Zacarias L. Transcriptional analysis of carotenoids accumulation and metabolism in a pink-fleshed lemon mutant. *Genes* 2020; 11 (11) art. no. 1294 1-16.

Landry GJ, Liem TK, Abraham CZ, Jung E, Moneta GL. Predictors of perioperative morbidity and mortality in open abdominal aortic aneurysm repair. *American Journal of Surgery* 2019; 217 (5): 943-947.

Lane DJ, Wunsch H, Saskin R, Cheskes S, Lin S, Morrison LJ, Oleynick CJ, Scales DC. Epidemiology and patient predictors of infection and sepsis in the prehospital setting. *Intensive Care Medicine* 2020; 46 (7) 1394-1403.

Lanier OL, Korotych OI, Monsalve AG, Wable D, Savliwala S, Grooms NWF, Nacea C, Tuitt OR, Dobson J. Evaluation of magnetic nanoparticles for magnetic fluid hyperthermia. *International Journal of Hyperthermia* 2019; 36 (1): 687-701

Lanska DJ. The development and evolution of "cerebral thermometry": The physiology underlying a nineteenth-century approach to cerebral localization and neurological diagnosis. *Journal of the History of the Neurosciences* 2019; 28 (2): 195-225.

Lanska DJ. The development and evolution of "cerebral thermometry": Clinical applications of a nineteenth-century approach to cerebral localization and neurological diagnosis. *Journal of the History of the Neurosciences* 2019; 28 (2): 226-261.

Lara P, Ramírez V, Castrillón F, Peñuela GA. Presence of disinfection byproducts in public swimming pools in medellín Colombia. *International Journal of Environmental Research and Public Health* 2020; 17 (13) art. no. 4659.

Larrea Prieto J, Núñez Orduña E, Bendito Guilarte B, Alberto Gianella C, Iglesias Aguilar C, Miñón Santamaría C. Correlation between smartphone thermography and angio-CT to detect perforators in DIEP flaps. *Cirugia Plastica Ibero-Latinoamericana* 2020; 46 (1) 53-56.

Laschke MW, Heß, A, Scheuer C, Karschnia P, Menger MD. Subnormothermic short-term cultivation improves the vascularization capacity of adipose tissue-derived microvascular fragments. *Journal of Tissue Engineering and Regenerative Medicine* 2019; 13 (2): 131-142.

- Lassche G, Frenzel T, Mignot MH, Jonker MA, van der Hoeven JG, van Herpen CML, Scheffer GJ. Thermal distribution physiological effects and toxicities of extracorporeally induced whole-body hyperthermia in a pig model. *Physiological Reports* 2020; 8 (4) art. no. e14366.
- Latteri S, Stella G, Gueli AM, Mazzaglia S, Palumbo V, Guastella T. Safety Profile of the New Harmonic Focus: Different Emissivity and Temperature Behavior between the Active and the Inactive Blade. *Surgical Laparoscopy Endoscopy and Percutaneous Techniques* 2019; 29 (5): E79-E83
- Lau JWY. Editor's perspectives – July 2019. *International Journal of Surgery* 2019; 67, p. 130.
- Lazo-Porras M, Bernabe-Ortiz A, Taype-Rondan A, Gilman RH, Malaga G, Manrique H, Neyra L, Calderon J, Pinto M, Armstrong DG, Montori VM, Miranda JJ. Foot thermometry with mHealth-based supplementation to prevent diabetic foot ulcers: A randomized controlled trial, *Wellcome Open Research* 2020; 5 art. no. 23.
- Lee B-C, Kim S-B, Moon J-K, Park S-Y. Evaluation of reaction spontaneity for acidic and reductive dissolutions of corrosion metal oxides using HyBRID chemical decontamination. *Journal of Radioanalytical and Nuclear Chemistry* 2020; 323 (1) 91-103.
- Lee B-W, Park J-G, Ha TKQ, Pham HTT, An J-P, Noh J-R, Lee C-H, Oh W-K. Constituents of the Edible Leaves of *Melicope pteleifolia* with Potential Analgesic Activity. *Journal of Natural Products* 2019; 82 (8): 2201-2210.
- Lee B-W, Park J-G, Ha TKQ, Pham HTT, An J-P, Noh J-R, Lee C-H, Oh W-K. Constituents of the Edible Leaves of *Melicope pteleifolia* with Potential Analgesic Activity. *Journal of Natural Products* 2019; 82 (8): 2201-2210.
- Lee EJ, Fomenko A, Lozano AM. Magnetic resonance-guided focused ultrasound: Current status and future perspectives in thermal ablation and blood-brain barrier opening. *Journal of Korean Neurosurgical Society* 2019; 62 (1): 10-26.
- Lee NH, Nam SK, Lee J, Jun YH. Clinical impact of admission hypothermia in very low birth weight infants: Results from Korean neonatal network. *Korean Journal of Pediatrics* 2019; 62 (10): 386-394.
- Lee WC, Ong CY. Overview of rapid mitigating strategies in Singapore during the COVID-19 pandemic. *Public Health* 2020; 185 15-17.
- Lee W-S, Kim W-S, Lim Y-H, Hong Y-C. High temperatures and kidney disease morbidity: A Systematic Review and Meta-analysis. *Journal of Preventive Medicine and Public Health* 2019; 52 (1): 1-13.
- Lee WS, Koh CT. Serosal surface small vessel vasculitis in Henoch-Schonlein purpura. *Pediatrics and Neonatology* 2020; 61 (4) 447-448.
- Leeungurasati T, Paungmali A, Tantraworasin A. Efficacy of wheat hot pack (dry heat) and pottery hot pack (moist heat) on eyelid temperature and tissue blood flow in healthy eyes: a randomized control trial. *International Ophthalmology* 2020; 40 (6) 1347-1357.
- Leidenberger T, Winkel A, Philipp C, Rump J, De Bucourt M, Böning G, Teichgräber U, Streitparth F. MR-Guided Percutaneous Intradiscal Thermotherapy (MRgPIT): Evaluation of a New Technique for the Treatment of Degenerative Disc Disease in Cadaveric Lumbar Spine. *CardioVascular and Interventional Radiology* 2020; 43 (3) 505-513.
- Leng B, Yan G, Li T, Hou N. Vancomycin-induced reversible pancytopenia and rash in a 16-month-old boy with osteomyelitis: A case report. *International Journal of Clinical Pharmacology and Therapeutics* 2020; 58 (4) 242-246.
- Leow VM, Mohamad IS, Subramaniam M. Use of aerosol protective barrier in a patient with impending cholangitis and unknown COVID-19 status undergoing emergency ERCP during COVID-19 pandemic. *BMJ Case Reports* 2020; 13 (7) art. no. e236918.
- Leppla IE, Nucifora FC, Sedlak TW. Extended Requirement of Granulocyte Colony-Stimulating Factor for Clozapine-Associated Neutropenia. *Journal of Clinical Psychopharmacology* 2019; 39 (2): 169-172.

- Leung B, Dharmaratne P, Yan W, Chan BCL, Lau CBS, Fung K-P, Ip M, Leung SSY. Development of thermosensitive hydrogel containing methylene blue for topical antimicrobial photodynamic therapy. *Journal of Photochemistry and Photobiology B: Biology* 2020; 203 art. no. 111776.
- Leung LW, Gallagher MM, Santangeli P, Tschabrunn C, Guerra JM, Campos B, Hayat J, Atem F, Mickelsen S, Kulstad E. Esophageal cooling for protection during left atrial ablation: a systematic review and meta-analysis. *Journal of Interventional Cardiac Electrophysiology* 2020; 59 (2) 347-355.
- Levata L, Dore R, Jöhren O, Schwaninger M, Schulz, C, Lehnert H. Nesfatin-1 Acts Centrally to Induce Sympathetic Activation of Brown Adipose Tissue and Non-Shivering Thermogenesis. *Hormone and Metabolic Research* 2019; 51 (10): 678-685.
- Levy SB. Field and laboratory methods for quantifying brown adipose tissue thermogenesis. *American Journal of Human Biology* 2019; 31 (4), art. no. e23261.
- Lewallen M, Burggren W. Metabolic physiology of the freshwater planaria girardia dorotocephala and Schmidtea mediterranea: Reproductive mode specific dynamic action and temperature. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology* 2020; 319 (4) R428-R438.
- Lewis T, Levin M, Sommer DD. Too Hot to Handle—Quantifying Temperature Variations in the Nasal Endoscope Ocular Assembly and Light Post. *American Journal of Rhinology and Allergy* 2020; 34 (2) 262-268.
- Li CL, Fisher CJ, Shi RB, Wilson BC, He J, Zheng G, Weersink RA. Pre-clinical validation of transrectal diffuse optical tomography for monitoring photocoagulation progression during photothermal therapy of prostate cancer. *Progress in Biomedical Optics and Imaging - Proceedings of SPIE* 2019; 10871, art. no. 1087115.
- Li L, Tong X, Chen H, He R, Lv Q, Yang R, Zhao L, Wang J, Xu H, Liu C, Chen G, Chen S, Li C, Qiao J, Yang J, Wu Y, Liu Z. Characteristics and serological patterns of COVID-19 convalescent plasma donors: optimal donors and timing of donation. *Transfusion* 2020; 60 (8) 1765-1772.
- Li L, Yang R, Wang J, Lv Q, Ren M, Zhao L, Chen H, Xu H, Xie S, Xie J, Lin H, Li W, Fang P, Gong L, Wang L, Wu Y, Liu Z. Feasibility of a pilot program for COVID-19 convalescent plasma collection in Wuhan China. *Transfusion* 2020; 60 (8) 1773-1777.
- Li S, Mohamedi AH, Senkowsky J, Nair A, Tang L. Imaging in Chronic Wound Diagnostics, *Advances in Wound Care* 2020; 9 (5) 245-263.
- Li T-Y, Pan L-J, Jia C-S, Zhang X-Q, She Y-F, Xu Y-Y, Song X-D. Study on the body surface temperature variation patterns of the meridian acupoints related to the physiological status of the uterus. *Journal of Acupuncture and Tuina Science* 2020; 18 (5) 337-344.
- Li W, Liu J, Huang T-Y, Zhong X, Yang D-P, Xie X-H, Liu D-H, Xie X-Y, Zhuang B-W. Lesion outline and thermal field distribution of ablative in vitro experiments in myocardia: comparison of radiofrequency and laser ablation. *BMC Cardiovascular Disorders* 2020; 20 (1) art. no. 454.
- Li W, Zheng J, Zhang Y, Yuan F, Lyu P. Temperature and depth evaluation of the in vitro effects of femtosecond laser on oral soft tissue with or without air-cooling. *Lasers in Medical Science* 2019; 34 (4): 649-658.
- Li X, Chen M, Jiang Z, Liu Y, Lu L, Gong X. Visualized identification of the maximal surgical delay effect in a rat flap model. *Wound Repair and Regeneration* 2019; 27 (1): 39-48.
- Li X, Fan K, Li Q, Pan D, Hai R, Du C. Melanocortin 4 receptor-mediated effects of amylin on thermogenesis and regulation of food intake. *Diabetes/Metabolism Research and Reviews* 2019; 35 (5), art. no. e3149
- Li X, Nie C, Liu Y, Chen Y, Lv X, Wang L, Zhang J, Yang W, Li K, Zheng C, Jia Y, Ning Z, Qu L. The Genetic Architecture of Early Body Temperature and Its Correlation With *Salmonella Pullorum* Resistance in Three Chicken Breeds. *Frontiers in Genetics* 2020; 10 art. no. 1287.
- Li X, Yan S, Yu CWF. How far is demand-oriented ventilation from us? *Indoor and Built Environment* 2020; 29 (7) 917-920.

- Li X, Zhang Y, Sun H, Jiang Y, Lou J, He X, Fang J. Infrared thermography in the diagnosis of musculoskeletal injuries: A protocol for a systematic review and meta-analysis. *Medicine* 2020; 99 (49) p, e23529.
- Li X. In situ measurement of neutron temperature for the extended k 0 NAA at FRM II. *Journal of Radioanalytical and Nuclear Chemistry* 2020; 326 (2) 1391-1397.
- Li Y, Chen R, Yang J, Mo S, Quek K, Kok CH, Cheng X-D, Tian S, Zhang W, Qin J-J. Integrated Bioinformatics Analysis Reveals Key Candidate Genes and Pathways Associated with Clinical Outcome in Hepatocellular Carcinoma, *Frontiers in Genetics* 2020; 11 art. no. 814.
- Li Y, Guo H, Shi Y, Liu Y, Sun X. Early outcome of aortic balloon occlusion during total aortic arch replacement with the frozen elephant trunk technique for aortic dissection. *Interactive Cardiovascular and Thoracic Surgery* 2020; 30 (1) 91-98.
- Li Y, Han X, Dagvadorj B-U, Zhao Y, Zhang X, Zhu X, Li T, Zhang P, Chen Y, Li G, Jambaljav L. An effective cooling device for minimal-incision kidney transplantation. *Annals of Transplantation* 2020; 25 art. no. e928773 e928773-1-e928773-7.
- Li Y, Lee J, Long X, Qiao Y, Ma T, He Q, Cao P, Zhang X, Zheng H, A Magnetic Resonance-Guided Focused Ultrasound Neuromodulation System with a Whole Brain Coil Array for Nonhuman Primates at 3 T. *IEEE Transactions on Medical Imaging* 2020; 39 (12) art. no. 9175018 4401-4412.
- Li Z-Z, Wan L-J, Wang J-L, Wei S-C, Liu X-X, Shi P-Q, Sun X-Y. Effect of temperature and time on rheological properties of Daphnes Giraldii Cortex post-crosslinking gel plaster. *Chinese Traditional and Herbal Drugs* 2020; 51 (13) 3457-3464.
- Liang AS, Munier SM, Patel NV, Danish SF. Characterization of ablation dimensions in magnetic resonance-guided laser interstitial thermal therapy via a semi-automated algorithm. *Interdisciplinary Neurosurgery: Advanced Techniques and Case Management* 2020; 21 art. no. 100782.
- Liang ZC, Wang W, Murphy D, Po Hui JH. Novel coronavirus and orthopaedic surgery early experiences from Singapore. *Journal of Bone and Joint Surgery - American Volume* 2020; 102 (9) 745-749.
- Lier AJ, Tuan JJ, Davis MW, Paulson N, McManus D, Campbell S, Peaper DR, Topal JE. Case report: Disseminated strongyloidiasis in a patient with COVID-19. *American Journal of Tropical Medicine and Hygiene* 2020; 103 (4) 1590-1592.
- Lier MCI, Vlek SL, Ankermans M, van de Ven PM, Dekker JJML, Bleeker MCG, Mijatovic V, Tuynman JB. Comparison of enhanced laparoscopic imaging techniques in endometriosis surgery: a diagnostic accuracy study. *Surgical Endoscopy* 2020; 34 (1) 96-104.
- Lim CC, Hayes RB, Ahn J, Shao Y, Silverman DT, Jones RR, Garcia C, Bell ML, Thurston GD. Long-term exposure to ozone and cause-specific mortality risk in the United States. *American Journal of Respiratory and Critical Care Medicine* 2019; 200 (8): 1022-1031
- Lim R, Arshad W. Underlying serotonin syndrome masked by community-acquired pneumonia and myocardial ischemia. *American Journal of Case Reports* 2020; 21 art. no. e924109 1-3.
- Lin P, Jin H, Yi K-C, He X-S, Lin S-F, Wu G, Zhang Z-Q. A Case Report of Sporadic Adult Neuronal Intranuclear Inclusion Disease (NIID) With Stroke-Like Onset. *Frontiers in Neurology* 2020; 11 art. no. 530.
- Lin P-T, Ni T-Y, Chen T-Y, Su C-P, Sun H-F, Chen M-K, Chou C-C, Wang P-Y, Lin Y-R. Reducing the consumption of personal protective equipment by setting up a multifunctional sampling station in the emergency department to screen for COVID-19 infection in Taiwan. *Environmental Health and Preventive Medicine* 2020; 25 (1) art. no. 34.
- Lin RJ, Lee TH, Lye DCB. From SARS to COVID-19: the Singapore journey. *Medical Journal of Australia* 2020; 212 (11) 497-502.e1.
- Lin Z, Li J, Luan Y, Dai W. Application of algae for heavy metal adsorption: A 20-year meta-analysis. *Ecotoxicology and Environmental Safety* 2020; 190 art. no. 110089.

Lin Z, Shu H, Jiang D, He Y, Xia H, Liu Y, Xie N. Ward renovation and PPE use procedures to protect medical staff from COVID-19 infection. *Journal of Infection in Developing Countries* 2020; 14 (6) 554-558.

Linde LD, Srbely JZ. The Acute Effect of Skin Preheating on Capsaicin-Induced Central Sensitization in Humans. *Pain Practice* 2019; 19 (8): 811-820.

Link CWM, Rau CN, Udoye CC, Ragab M, Korkmaz RU, Comdühr S, Clauder A-K, Lindemann T, Frehse B, Hofmann K, Almeida LN, Laumonnier Y, Beidaq AE, Finkelman FD, Manz RA. IL-2-Agonist-Induced IFN- γ Exacerbates Systemic Anaphylaxis in Food Allergen-Sensitized Mice. *Frontiers in Immunology* 2020; 11 art. no. 596772.

Lipski M, Woźniak K, Szyszka-Sommerfeld L, Borawski M, Drożdzik A, Nowicka A. In Vitro Infrared Thermographic Assessment of Temperature Change in the Pulp Chamber during Provisionalization: Effect of Remaining Dentin Thickness. *Journal of Healthcare Engineering* 2020 art. no. 8838329.

Lis-Świety A. Recent advances in the workup and management of Raynaud phenomenon. *Polish Archives of Internal Medicine* 2019; 129 (11) 798-808.

Liu H, Liu F, Li J, Zhang T, Wang D, Lan W. Clinical and CT imaging features of the COVID-19 pneumonia: Focus on pregnant women and children. *Journal of Infection* 2020; 80 (5) e7-e13.

Liu H, Liu J, Xie X, Li X. Development of photo-magnetic drug delivery system by facile-designed dual stimuli-responsive modified biopolymeric chitosan capped nano-vesicle to improve efficiency in the anesthetic effect and its biological investigations. *Journal of Photochemistry and Photobiology B: Biology* 2020; 202 art. no. 111716.

Liu H, Yang Y, Jiang J, Wang X, Zhang C, Jiang Y, Hong L, Huang H. Coexistence of a huge venous thromboembolism and bleeding tendency in cytokine release syndrome during CAR-T therapy. *OncoTargets and Therapy* 2019; 12: 8955-8960

Liu H-M, Yao Y-G, Ma Y-X, Wang X-D. Ultrasound-assisted desolvantizing of fragrant oil from red pepper seed by subcritical propane extraction. *Ultrasonics Sonochemistry* 2020; 63 art. no. 104943.

Liu K, Duan Z, Chen L, Wen Z, Zhu S, Qu Q, Chen W, Zhang S, Yu B. Short-Term Effect of Different Taping Methods on Local Skin Temperature in Healthy Adults. *Frontiers in Physiology* 2020; 11 art. no. 488.

Liu L, Gisselman AS, Tumilty S. Thermal profiles over the Patella tendon in a cohort of non-injured collegiate athletes over the course of a cross-country season. *Physical Therapy in Sport* 2020; 44 47-52.

Liu P, Yu Q, Xue Y, Chen J, Ma F. Adsorption performance of U(VI) by amidoxime-based activated carbon. *Journal of Radioanalytical and Nuclear Chemistry* 2020; 324 (2) 813-822.

Liu Q, Li C. Predictive value of myoglobin and D-dimer on severe heat stroke: A clinical analysis of 38 patients with severe heat stroke. *Zhonghua Wei Zhong Bing Ji Jiu Yi Xue* 2019; 31 (5): 594-597.

Liu Q, Zhou X, Feng W, Pu T, Li X, Li F, Kang Y, Zhang X, Xu C. Gonadotropin-Releasing Hormone Receptor-Targeted Near-Infrared Fluorescence Probe for Specific Recognition and Localization of Peritoneal Metastases of Ovarian Cancer. *Frontiers in Oncology* 2020; 10 art. no. 266.

Liu R, Hu S, Zhang Y, Che D, Cao J, Wang J, Zhao T, Jia Q, Wang N, Zhang T. Mast cell-mediated hypersensitivity to fluoroquinolone is MRGPRX2 dependent. *International Immunopharmacology* 2019; 70: 417-427.

Liu S, Luo H, Wang Y, Cuevas LE, Wang D, Ju S, Yang Y. Clinical characteristics and risk factors of patients with severe COVID-19 in Jiangsu province China: A retrospective multicentre cohort study. *BMC Infectious Diseases* 2020; 20 (1) art. no. 584.

Liu S, Zhou F, Zhao Y, Liu L, Qu J, Chen WR. Temperature detection by photoacoustic for nanoprobe-mediated photothermal therapy. *Progress in Biomedical Optics and Imaging - Proceedings of SPIE* 2019; 10879, art. no. 108790R.

Liu X, Ellens N, Williams E, Burdette EC, Karmarkar P, Weiss CR, Kraitchman D, Bottomley PA. High-resolution intravascular MRI-guided perivascular ultrasound ablation, Magnetic Resonance in Medicine 2020; 83 (1) 240-253.

Liu X, Feng J, Luan J, Dong C, Fu H, Wu Z. Intra- And Interrater Reliability of Infrared Image Analysis of Facial Acupoints in Individuals with Facial Paralysis. Evidence-based Complementary and Alternative Medicine 2020: art. no. 9079037.

Liu X, Zhang Y, Wang Y, Zhu W, Li G, Ma X, Zhang Y, Chen S, Tiwari S, Shi K, Zhang S, Fan HM, Zhao YX, Liang X-J. Comprehensive understanding of magnetic hyperthermia for improving antitumor therapeutic efficacy. Theranostics 2020; 10 (8) 3793-3815.

Liu Y, Liu C, Gao M, Wang Y, Bai Y, Xu R, Gong R. Evaluation of a wearable wireless device with artificial intelligence iThermonitor WT705 for continuous temperature monitoring for patients in surgical wards: A prospective comparative study. BMJ Open 2020; 10 (11) art. no. 039474.

Ijaž, J, Wrobel LC, Hriberšek M, Marn J. Numerical modelling of skin tumour tissue with temperature-dependent properties for dynamic thermography. Computers in Biology and Medicine 2019; 112, art. no. 103367

Loarce-Martos J, Bachiller-Corral J., Cuevas IF, Quintana MS, Díaz MV. Utility of infrared thermography for the evaluation of rheumatoid arthritis. Ann Rheum Dis 2019, 78 (Suppl 2) 313-314

Loehr J. Creating a Sustainable Vaccine Delivery Practice. Primary Care - Clinics in Office Practice 2020; 47 (3) 407-418.

Loh TP, Horvath AR, Wang C-B, Koch D, Adeli K, Mancini N, Ferrari M, Hawkins R, Sethi S, Lippi G. International Federation of Clinical Chemistry and Laboratory Medicine Taskforce on COVID-19 Operational considerations and challenges of biochemistry laboratories during the COVID-19 outbreak: An IFCC global survey. Clinical Chemistry and Laboratory Medicine 2020; 58 (9) 1441-1449.

Lohani M, Payne BR, Strayer DL. A review of psychophysiological measures to assess cognitive states in real-world driving. Frontiers in Human Neuroscience 2019; 13, art. no. 57.

Löke DR, Helderman RFCPA, Sijbrands J, Rodermond HM, Tanis PJ, Franken NAP, Oei AL, Kok HP, Crezee J. A four-inflow construction to ensure thermal stability and uniformity during hyperthermic intraperitoneal chemotherapy (HIPEC) in rats. Cancers 2020; 12 (12) art. no. 3516 1-14.

Longbottom J, Caminade C, Gibson HS, Weiss DJ, Torr S, Lord JS. Modelling the impact of climate change on the distribution and abundance of tsetse in Northern Zimbabwe. Parasites and Vectors 2020; 13 (1) art. no. 526.

López-De-Celis C, Hidalgo-García C, Pérez-Bellmunt A, Fanlo-Mazas P, González-Rueda V, Tricás-Moreno JM, Ortiz S, Rodríguez-Sanz J. Thermal and non-thermal effects off capacitive-resistive electric transfer application on the Achilles tendon and musculotendinous junction of the gastrocnemius muscle: A cadaveric study. BMC Musculoskeletal Disorders 2020; 21 (1) art. no. 46.

López-Gatius F, Hunter RHF. Pre-ovulatory follicular cooling correlates positively with the potential for pregnancy in dairy cows: Implications for human IVF. (2019) Journal of Gynecology Obstetrics and Human Reproduction 2019; 48 (6): 419-422

Lorton O, Guillemin P, Holman R, Desgranges S, Gui L, Crowe LA, Terraz S, Nastasi A, Lazeyras F, Contino-Pépin C, Salomir R. Enhancement of HIFU thermal therapy in perfused tissue models using micron-sized FTAC-stabilized PFOB-core endovascular sonosensitizers. International Journal of Hyperthermia 2020; 37 (1) 1116-1130.

Loskutov O, Markov Y, Todurov B, Druzhyna O, Kolesnykov V, Maruniak S. The Case of Myocardial Infarction in a Fifteen-Year-Old Adolescent Caused by Toxic Substances. Cardiovascular Toxicology 2020; 20 (5) 520-524.

Lotfi A, Klein LW, Hira RS, Mallidi J, Mehran R, Messenger JC, Pinto DS, Mooney MR, Rab T, Yannopoulos D, van Diepen S. SCAI expert consensus statement on out of hospital cardiac arrest, Catheterization and Cardiovascular Interventions 2020; 96 (4) 844-861.

- Lotfi M, Hamblin MR, Rezaei N. COVID-19: Transmission prevention and potential therapeutic opportunities. *Clinica Chimica Acta* 2020; 508 254-266.
- Lou B, Zhong L, Zheng Y, Lin X. COVID-19 screening in patients with eye emergencies: practical experience from a tertiary eye hospital. *Graefe's Archive for Clinical and Experimental Ophthalmology* 2020; 258 (12) 2861-2863.
- Lou J, Jiang Y, Hu H, Li X, Zhang Y, Fang J. Intrarater and Interrater Reliability of Infrared Image Analysis of Forearm Acupoints before and after Moxibustion. *Evidence-based Complementary and Alternative Medicine* 2020 art. no. 6328756.
- Louie JK, Stoltzey J, Scott HM, DuBois A, Golden L, Philip S, Aragón TJ. Early COVID-19 Successes in Skilled Nursing Facilities in San Francisco. *Journal of the American Geriatrics Society* 2020; 68 (12) 2744-2745.
- Lozano III A, Hassanipour F. Infrared imaging for breast cancer detection: An objective review of foundational studies and its proper role in breast cancer screening. *Infrared Physics & Technology*, 2019, 97, 244-257.
- Lu A, Woodrum DA, Felmlee JP, Favazza CP, Gorny KR. Improved MR-thermometry during hepatic microwave ablation by correcting for intermittent electromagnetic interference artifacts. *Physica Medica* 2020; 71 100-107.
- Lu JJ. Experience of a Radiation Oncology Center Operating During the COVID-19 Outbreak. *Advances in Radiation Oncology* 2020; 5 (4) 548-549.
- Lu X, Wang L, Tian S, Zhang P, Liu W, Cai M, Wang G, Li W, Tao K, Wang G, Wang Z. Demobilization strategy for general surgery departments during the recovery period of the COVID-19 pandemic: experience and recommendations from frontline surgeons in Wuhan. *British Journal of Surgery* 2020; 107 (9) e339-e340.
- Lubkowska A, Gajewska E. Temperature distribution of selected body surfaces in scoliosis based on static infrared thermography. *International Journal of Environmental Research and Public Health* 2020; 17 (23) art. no. 8913 1-16.
- Lucia M-H, Manuel P-SJ, Angel L-IJ, Gabriel G-S, Javier G-C. Lumbar Salmonella osteomyelitis with psoas muscle abscess in a patient with prostate cancer. *IDCases* 2020; 21 art. no. e00887.
- Ludhwani D, Li J, Huang EE, Sikora A, Thomas G, Aerococcus urinae aortic valve endocarditis with kissing aortic wall ulcer: A case report and literature review. *American Journal of Case Reports* 2020; 21 art. no. e920974.
- Ludovico G, Cafarelli A, de Cobelli O, de Marco F, Ferrari G, Pecoraro S, Porreca A, Tuzzolo D, Leonardi R, Falcone L, Grasso V, Bellinzoni P, Broglia L, de Marchi D, Giusti G, Passaretti G, Proietti S, Russo A, Saitta G, Smelzo S, Gaboardi F, Colombo R, Mantica G, Suardi N. UrOP Executive Committee Hospital care in Departments defined as Covid-free: A proposal for a safe hospitalization protecting healthcare professionals and patients not affected by Covid 19. *Archivio Italiano di Urologia e Andrologia* 2020; 92 (1) 67-72.
- Lung C-W, Wu F-L, Liao F, Pu F, Fan Y, Jan Y-K. Emerging technologies for the prevention and management of diabetic foot ulcers. *Journal of Tissue Viability* 2020; 29 (2) 61-68.
- Luo Y, Chen L, Shih AJ. Hollow Notched K-Wires for Bone Drilling With Through-Tool Cooling. *Journal of Orthopaedic Research* 2019; 37 (11): 2297-2306.
- Lusczeck ER, Parsons LS, Elder J, Harvey SB, Skube M, Muratore S, Beilman G, Cornelissen-Guillaume G. Metabolomics Pilot Study Identifies Desynchronization of 24-H Rhythms and Distinct Intra-patient Variability Patterns in Critical Illness: A Preliminary Report, *Frontiers in Neurology* 2020; 11 art. no. 533915.
- Lv C, Wang X, Chen J, Yang N, Fisk I. A non-invasive measurement of tongue surface temperature. *Food research international* 2019, 116, 499-507.

- Ma H, Lundy JD, O'malley KJ, Klimstra WB, Hartman AL, Reed DS. Electrocardiography abnormalities in macaques after infection with encephalitic alphaviruses. *Pathogens* 2019; 8 (4), art. no. 240.
- Ma Y, Hsu G, Zhang F. The applicability and efficacy of magnetic resonance-guided high intensity focused ultrasound system in the treatment of primary trigeminal neuralgia. *Medical Hypotheses* 2020; 139 art. no. 109688.
- Ma Y, Li H, Ji X, Lu C, Huang N, Zhang M, Ge H. Experimental study of water/tissue conductivity variation under 1 MHz HIFU radiation. *Biomedical Signal Processing and Control* 2020; 62 art. no. 102065.
- Macdonald A, Petrova N, Ainarker S, Allen J, Lomas C, Tang W, Plassmann P, Whittam A, Bevans J, Ring F, Kluwe B, Simpson R, Rogers L, Machin G, Edmonds M. Between visit variability of thermal imaging of feet in people attending podiatric clinics with diabetic neuropathy at high risk of developing foot ulcers. *Physiological Measurement* 2019; 40 (8), art. no. 084004
- Machin G, Howell K, Allen J, Simpson R. Focus collection on thermal imaging in medicine. *Physiological Measurement* 2019; 40 (10), art. no. 100301.
- Machin G, Simpson R, McEvoy HC, Whittam A. NPL contributions to the standardisation and validation of contemporary medical thermometry methods. *Physiological Measurement* 2019; 40 (5), art. no. 05TR01.
- MacHoy M, Szyszka-Sommerfeld L, Rahnama M, Koprowski R, Wilczyński S, Woźniak K. Diagnosis of Temporomandibular Disorders Using Thermovision Imaging. *Pain Research and Management* 2020 art. no. 5481365.
- Macianskyte D, Monastyreckiene E, Basevicius A, Adaskevicius R. Comparison of segmented thermal images versus a CT scanning for detection of maxillofacial pathology. *Dentomaxillofacial Radiology* 2019; 48 (4), art. no. 20180075.
- Maciejewski A, Jung A, Byszek A, Pykowska A, Jaremek H, Krause-Piorek A, Szczęśniak A, Trzyna M, Ornowski G. A novel tool based on liquid crystal thermography for adjunctive breast cancer detection used by medical professionals. *Thermology international* 2019, 29(2) 83-84
- Madan JR, Khobaragade S, Dua K, Awasthi R. Formulation optimization and in vitro evaluation of nanostructured lipid carriers for topical delivery of Apremilast. *Dermatologic Therapy* 2020; 33 (3) art. no. e13370.
- Madigan CD, O'Sullivan D, O'Neill L, Kavanagh DF. A comparison of two cold atmospheric helium plasma devices which utilise the same RF power generator. *Clinical Plasma Medicine* 2020; 19-20 art. no. 100108.
- Madrid-Navarro CJ, Cuesta FJP, Escamilla-Sevilla F, Campos M, Abellán FR, Rol MA, Madrid JA. Validation of a device for the ambulatory monitoring of sleep patterns: A pilot study on Parkinson's disease. *Frontiers in Neurology* 2019; 10 (4), art. no. 356.
- Magalhães C, Contente P, Vardasca R, Abreu P, Mendes J, Restivo T. Strength and Skin Temperature Assessment: Comparing Active and Geriatric Populations. *International Journal of Engineering and Applied Sciences* 2019,6(5), 36-42.
- Magalhaes C, Vardasca R, Rebelo M, Valenca-Filipe R, Ribeiro M, Mendes J. Distinguishing melanocytic nevi from melanomas using static and dynamic infrared thermal imaging. *Journal of the European Academy of Dermatology and Venereology* 2019; 33 (9): 1700-1705
- Magee CA, Thompson Bastin ML, Graves K, Burgess D, Nestor M, Lamm JR, Cook AM. Fever Burden in Patients With Subarachnoid Hemorrhage and the Increased Use of Antibiotics. *Journal of Stroke and Cerebrovascular Diseases* 2019; 28 (11), art. no. 104313.
- Mahboub P, Aburawi M, Karimian N, Lin F, Karabacak M, Fontan F, Tessier SN, Markmann J, Yeh H, Uygun K. The efficacy of HBOC-201 in ex situ gradual rewarming kidney perfusion in a rat model. *Artificial Organs* 2020; 44 (1) 81-90.

- Mahdi LH, Nazem Abdul-Hur G, Auda IG. Evidence of anti- K, pneumoniae biofilm activity of novel Entrococcus faecalis enterocin GLHM. *Microbial Pathogenesis* 2020; 147 art. no. 104366.
- Mahé A, Birckel E, Krieger S, Merklen C, Bottlaender L. A distinctive skin rash associated with coronavirus disease 2019? *Journal of the European Academy of Dermatology and Venereology* 2020; 34 (6) e246-e247.
- Mahwi TO, Abdulateef DS. Relation of different components of climate with human pituitary-thyroid axis and FT3/FT4 ratio: A study on euthyroid and SCH subjects in two different seasons. *International Journal of Endocrinology* 2019, art. no. 2762978.
- Mai NL, Koo Y-M, Ha SH. Separation characteristics of hydrophilic ionic liquids from ionic liquids-water solution by ultrasonic atomization. *Ultrasonics Sonochemistry* 2019; 53: 187-191.
- Makashova NV, Kolosova OY. Methods of assessing the condition of filtering bleb after glaucoma surgery, *Vestnik Oftalmologii* 2020; 136 (6) 93-99.
- Maki KA, Griza DS, Phillips SA, Wolska BM, Vidovich MI. Altered Hand Temperatures Following Transradial Cardiac Catheterization: A Thermography Study. *Cardiovascular Revascularization Medicine* 2019; 20 (6): 496-502.
- Makrariya A, Pardasani KR. Numerical study of the effect of non-uniformly perfused tumor on heat transfer in women's breast during menstrual cycle under cold environment. *Network Modeling Analysis in Health Informatics and Bioinformatics* 2019; 8 (1), art. no. 9.
- Maliyar K, Persaud-Jaimangal R, Sibbald RG. Associations among Skin Surface pH Temperature and Bacterial Burden in Wounds, *Advances in Skin and Wound Care* 2020; 33 (4) 180-185.
- Malpique R, Gallego-Escuredo JM, Sebastiani G, Villarroya J, López-Bermejo A, de Zegher F, Villaroya F, Ibáñez, L. Brown adipose tissue in prepubertal children: associations with sex birthweight and metabolic profile. *International Journal of Obesity* 2019; 43 (2): 384-391.
- Mandal CC, Panwar MS. Can the summer temperatures reduce COVID-19 cases? *Public Health* 2020; 185 72-79.
- Máñez-Miró JU, Martínez-Fernández R, del Alamo M, Pineda-Pardo JA, Fernández-Rodríguez B, Alonso-Frech F, Álvarez-Cermeño JC, Obeso JA. Focused ultrasound thalamotomy for multiple sclerosis-associated tremor. *Multiple Sclerosis Journal* 2020; 26 (7) 855-858.
- Manna S, Maron SZ, Cedillo MA, Voutsinas N, Toussie D, Finkelstein M, Steinberger S, Chung M, Bernheim A, Eber C, Gupta YS, Concepcion J, Libes R, Jacobi A. Spontaneous subcutaneous emphysema and pneumomediastinum in non-intubated patients with COVID-19. *Clinical Imaging* 2020; 67 207-213.
- Manning JB, Marjanovic E, Moore TL, DInsdale G, Wilkinson S, Dlckinson MR, Herrick AL, Murray AK. A pilot study of cutaneous oxygenation and perfusion in systemic sclerosis-related digital calcinosis. *Rheumatology (United Kingdom)* 2020; 59 (10) 3109-3111.
- Mansor Z, Ismail R, Ismail NH, Hashim JH. Effects of hydration practices on the severity of heat-related illness among municipal workers during a heat wave phenomenon. *Medical Journal of Malaysia* 2019; 74 (4): 275-280.
- Maraghechi B, Kolios MC, Tavakkoli J. Feasibility of detecting change in backscattered energy of acoustic harmonics in locally heated tissues. *International Journal of Hyperthermia* 2019; 36 (1): 964-974.
- Marashly Q, Chelu MG. Ablation Approaches and Imaging Modalities to Lower Risk of Atrioesophageal Injury During Catheter Ablation for Atrial Fibrillation. *Current Cardiovascular Risk Reports* 2020; 14 (2) art. no. 1.
- Margarido C, Ferns J, Chin V, Ribeiro T, Nascimento B, Barrett J, Herer E, Halpern S, Andrews L, Ballatyne G, Chapman M, Gomes J, Callum J. Massive hemorrhage protocol activation in obstetrics: a 5-year quality performance review. *International Journal of Obstetric Anesthesia* 2019; 38: 37-45.

Mariani LPR, Sampaio F, Silveira AB, Bastos LF, Weber SH, Michelotto PV. Pressuring of Acupoints as a Complement to the Diagnosis of Stifle Diseases in Horses. JAMS Journal of Acupuncture and Meridian Studies 2019; 12 (5): 151-159.

Marjanovic E, Moore TL, Manning JB, Dinsdale G, Wilkinson S, Dickinson MR, Herrick AL, Murray AK. Systemic sclerosis-related digital calcinosis; a pilot study of cutaneous oxygenation and perfusion, Reumatologija (Bulgaria) 2020; 59 (11) 3573-3575.

Markota A, Skok K, Burja S, Mori J. Surface Body Temperature and Thermoregulation after Cardiac Arrest. Therapeutic Hypothermia and Temperature Management 2019; 9 (3): 204-208.

Marková I, Tureková I, Jad'ud'ová J, Hroncová E. Analysis of hygrothermal microclimatic (Htm) parameters in specific food storage environments in Slovakia. International Journal of Environmental Research and Public Health 2020; 17 (6) art. no. 2092.

Martínez BB, Touijer K. Re:Intraoperative Near-Infrared Imaging Can Identify Neoplasms and Aid in Real-time Margin Assessment During Pancreatic Resection. European Urology 2020; 77 (4) p, 557.

Martínez-Cuervo N, Silva PZ, Rodríguez-Medina DA, Flores JRL, Fernández AML, Trejo BD. Group cognitive-behavioral therapy on depressive-anxious symptoms and nasal temperature in women with breast cancer: A pilot study. Psicooncologia 2020; 17 (2) 255-271.

Martínez-García M, Bal-Alvarado M, Santos Guerra F, Ares-Rico R, Suárez-Gil R, Rodríguez-Álvarez A, Pérez-López A, Casariego-Vales E, Fernández Rial Á, Rabuñal Rey R, Rodríguez Álvarez A, Pérez López A, Golpe Gómez R, Gil Mouce C, Suárez Ramírez N, Almuña Simón C, José Cereijo Quinteiro M, Daporta Rodríguez L, Fernández Valdivieso E, Vázquez Fernández A, Barcia Losada A, García Martínez A, Portero Vázquez A, Trillo Dono N, Revilla Villegas C, Fernández Rodríguez R, García Armesto I, Giadas Piñeiro R, Rosa Rodríguez Macía A, Carballada González F, Núñez Orjales R, Martín Lázaro J, Alfredo González Guzmán L, Mar Abad García M, Gloria Álvarez Silveiro M, Carmen Coria Abel M, Díaz Sánchez J, Jesús Freire Regueiro M, María Casanova Quiñoá A, José Dobao Feijoo M, Luisa Fernández Rodríguez M, Rey Ponce Á, Monte Secades R, Jesús Pérez Taboada M, Sánchez Fernández R, Pérez Peña J, Pereira M, Conde Freire J. Equipo TELEA COVID-19 (Lugo) Monitoring of COVID-19 patients by telemedicine with telemonitoring. Revista Clinica Espanola 2020; 220 (8) 472-479.

Martinez-Nicolas A, Martinez-Madrid MJ, Almaida-Pagan PF, Bonmati-Carrion M-A, Madrid JA, Rol MA. Assessing Chronotypes by Ambulatory Circadian Monitoring. Frontiers in Physiology 2019; 10, art. no. 1396

Martinez-Tellez, B, Quesada-Aranda A, Sanchez-Delgado G, Fernández-Luna JM, Ruiz, JR. Temperatus ® software: A new tool to efficiently manage the massive information generated by iButtons. International Journal of Medical Informatics 2019; 126: 9-18.

Martini G, Cappella M, Culpo R, Vittadello F, Sprocaci M, Zulian F. Infrared thermography in children: A reliable tool for differential diagnosis of peripheral microvascular dysfunction and Raynaud's phenomenon? Pediatric Rheumatology 2019; 17 (1), art. no. 68

Marzouk S, Frika O, Guermazi M, Snoussi M, Jallouli M, Bahloul Z. Adult still's disease and squamous cell carcinoma in a 69-year-old woman. Pan African Medical Journal 2019; 34, art. no. 17.

Masè M, Micarelli A, Strapazzon G. Hearables: New Perspectives and Pitfalls of In-Ear Devices for Physiological Monitoring, A Scoping Review. Frontiers in Physiology 2020; 11 art. no. 568886.

Massoumi RL, King JC. Abdominal pain and an appendiceal mass, JAMA - Journal of the American Medical Association 2020; 324 (6) 599-600.

Matai I, Kaur G, Soni S, Sachdev A, Vikas Mishra S. Near-infrared stimulated hydrogel patch for photothermal therapeutics and thermoresponsive drug delivery. Journal of Photochemistry and Photobiology B: Biology 2020; 210 art. no. 111960.

Matsugasumi T, Shiraiishi T, Fujihara A, Ohashi M, Yamada Y, Inoue Y, Hongo F, Ukimura O. Targeted Focal Cryoablation for Prostate Cancer With Real-time Transrectal Ultrasound-guided Free-hands Technique: A Step-by-step Technique. Urology 2020; 144 261-262.

- Matsui T, Kobayashi T, Hirano M, Kanda M, Sun G, Otake Y, Okada M, Watanabe S, Hakozaki Y. A Pneumonia Screening System based on Parasympathetic Activity Monitoring in Non-contact Way using Compact Radars Beneath the Bed Mattress. *Journal of Infection* 2020; 81 (2) e142-e144.
- Matsumoto A, Yuda M, Tanaka Y, Tanishima Y, Yano F, Nishikawa K, Ishibashi Y, Yanaga K. Efficacy of percutaneous endoscopic gastrostomy for patients with esophageal cancer during preoperative therapy. *Anticancer Research* 2019; 39 (8): 4243-4248.
- Matsumura K, Toyoda Y, Matsumoto S, Kawai Y, Mori T, Omasa K, Fukada T, Yamada M, Kazamaki T, Furugori S, Hiroe N, Senoo S, Shimizu M, Funabiki T, Yamazaki M. Comparison of the clinical course of COVID-19 pneumonia and acute respiratory distress syndrome in 2 passengers from the cruise ship diamond princess in February 2020. *American Journal of Case Reports* 2020; 21 art. no. e926835 1-6.
- Matteoli S, Vannetti F, Sodi A, Corvi A. Infrared thermographic investigation on the ocular surface temperature of normal subjects. *Physiological Measurement* 2020; 41 (4) art. no. 045003.
- Mauri G, Rossi D, Bonomo G, Camisassi N, Della Vigna P, Maiettini D, Varano GM, Monfardini L, Mascagni L, Orsi F. Image-guided thermal ablation of central renal tumors with retrograde cold pyeloperfusion technique: a monocentric experience. *International Journal of Hyperthermia* 2020; 37 (1) 660-667.
- Maxwell AD, MacConaghy B, Harper JD, Aldoukhi AH, Hall TL, Roberts WW. Simulation of laser lithotripsy-induced heating in the urinary tract. *Journal of Endourology* 2019; 33 (2): 113-119.
- Maxwell AWP, Park WKC, Baird GL, Walsh EG, Dupuy DE. Adjuvant Thermal Accelerant Gel Use Increases Microwave Ablation Zone Temperature in Porcine Liver as Measured by MR Thermometry. *Journal of Vascular and Interventional Radiology* 2020; 31 (8) 1357-1364.
- Mazerolle EL, Seasons GM, Warwaruk-Rogers R, Romo P, Nordal R, Sevick RJ, Martino D, Richardson S, Kiss ZHT, Pike GB. Focused ultrasound resolves persistent radiosurgery related change in a patient with tremor. *Radiology Case Reports* 2019; 14 (10): 1233-1236.
- Mazouni C, Conversano A, Laplace-Builhé C, Abbaci M. Reply—To Letter to the Editor: Prospective evaluation of the limitations of near-infrared imaging in detecting axillary sentinel lymph nodes in primary breast cancer. *Breast Journal* 2020; 26 (2) 345-346.
- McAbee GN, Brosgol Y, Pavlakis S, Agha R, Gaffoor M. Encephalitis Associated with COVID-19 Infection in an 11-Year-Old Child. *Pediatric Neurology* 2020; 109 p, 94.
- McConeghy KW, White E, Panagiotou OA, Santostefano C, Halladay C, Feifer RA, Blackman C, Rudolph JL, Mor V, Gravenstein S. Temperature Screening for SARS-CoV-2 in Nursing Homes: Evidence from Two National Cohorts. *Journal of the American Geriatrics Society* 2020; 68 (12) 2716-2720.
- McCormick PJ, Yeoh C, Vicario-Feliciano RM, Ervin K, Tan KS, Yang G, Mehta M, Tollinche L. Improved Compliance With Anesthesia Quality Measures After Implementation of Automated Monthly Feedback. *Journal of Oncology Practice* 2019; 15 (6): e583-e592.
- McCormick PJ, Yeoh CB, Hannum M, Tan KS, Vicario-Feliciano RM, Mehta M, Yang G, Ervin K, Fischer GW, Tollinche LE. Institution of Monthly Anesthesia Quality Reports Does Not Reduce Postoperative Complications despite Improved Metric Compliance. *Journal of Medical Systems* 2020; 44 (11) art. no. 189.
- McDannold N, Jason White P, Rees Cosgrove G. Using Phase Data from MR Temperature Imaging to Visualize Anatomy during MRI-Guided Focused Ultrasound Neurosurgery. *IEEE Transactions on Medical Imaging* 2020; 39 (12) art. no. 9127973 3821-3830.
- McHugh CT, Garside J, Barkes J, Frank J, Dragicevich C, Yuan H, Branca RT. Differences in [18F]FDG uptake in BAT of UCP1 -/- and UCP1 +/+ during adrenergic stimulation of non-shivering thermogenesis, *EJNMMI Research* 2020; 10 (1) art. no. 136.
- McKay BR, Ta Kim D, Wong DT. Paracentral acute middle maculopathy after meningococcal vaccination in a young female. *Canadian Journal of Ophthalmology* 2020; 55 (6) e192-e195.

- McLaren TA, Gruden JF, Green DB. The bullseye sign: A variant of the reverse halo sign in COVID-19 pneumonia. *Clinical Imaging* 2020; 68: 191-196.
- McLean DR, Scarneo-Miller SE, Lopez RM. Perceptions of secondary school athletic trainers in the diagnosis of exertional heat stroke. *Journal of Athletic Training* 2020; 55 (10) 1070-1080.
- McMenamin AJ, Daughenbaugh KF, Flenniken ML. The heat shock response in the western honey bee (*Apis mellifera*) is antiviral. *Viruses* 2020; 12 (2) art. no. 245.
- McMonnies CW. Reducing the invasive nature of tear stability assessments. *Ocular Surface* 2019; 17 (2): 174-175
- Meggs WJ, Lee SK, Parker-Cote JN. Wernicke encephalopathy associated with hyperemesis gravidarum. *American Journal of Emergency Medicine* 2020; 38 (3) 690.e3-690.e5.
- Meghana V, Vasudevarao S, Kamath S. The effect of combination of warm intravenous fluid infusion and forced air warming versus forced air warming alone on maternal temperature and shivering during cesarian delivery under spinal anesthesia. *Annals of African Medicine* 2020; 19 (2) 137-143.
- Melien R, Garidel P, Hinderberger D, Blech M. Thermodynamic Unfolding and Aggregation Fingerprints of Monoclonal Antibodies Using Thermal Profiling. *Pharmaceutical Research* 2020; 37 (4) art. no. 78.
- Mendonça AC, Júnior JAF, Frade MAC, Barbosa RI, das Neves LMS, de Jesus Guirro RR, de Oliveira Guirro EC. Thermographic Characterization of Cutaneous Ulcers of Different Etiologies. *Journal of Medical Systems* 2020; 44 (9) art. no. 160.
- Menigoz W, Latz TT, Ely RA, Kamei C, Melvin G, Sinatra D. Integrative and lifestyle medicine strategies should include Earthing (grounding): Review of research evidence and clinical observations. *Explore* 2020; 16 (3) 152-160.
- Menzel M, Bräuer A. Temperature monitoring with zero-heat-flux technology in neurosurgical patients. *Journal of Clinical Monitoring and Computing* 2019; 33 (5): 927-929.
- Mercan U, Sumer M, Kaya OA, Keskiner I, Meral DG, Erdogan O. An in-vitro study on thermal changes during implant drilling with different irrigation volumes. *Nigerian Journal of Clinical Practice* 2019; 22 (3): 350-354.
- Mercer DK, Torres MDT, Duay SS, Lovie E, Simpson L, von Köckritz-Blickwede M, de la Fuente-Nunez C, O'Neil DA, Angeles-Boza AM. Antimicrobial Susceptibility Testing of Antimicrobial Peptides to Better Predict Efficacy. *Frontiers in Cellular and Infection Microbiology* 2020; 10 art. no. 326.
- Merrill TL, Mitchell JE, Merrill DR, Gorman JH, III Gorman RC, Gillespie MJ. Myocardial tissue salvage is correlated with ischemic border region temperature at reperfusion, Catheterization and Cardiovascular Interventions 2020; 96 (6) E593-E601.
- Meston CM, Stanton AM. Understanding sexual arousal and subjective–genital arousal desynchrony in women. *Nature Reviews Urology* 2019; 16 (2): 107-120.
- Meyer A, Roof S, Gray ML, Fan CJ, Barber B, Miles BA, Teng M, Genden E, Rosenberg JD. Thermal imaging for microvascular free tissue transfer monitoring: Feasibility study using a low cost commercially available mobile phone imaging system. *Head and Neck* 2020; 42 (10) 2941-2947.
- Michael Brunt L, Deziel DJ, Telem DA, Strasberg SM, Aggarwal R, Asbun H, Bonjer J, McDonald M, Alseidi A, Ujiki M, Riali TS, Hammill C, Moulton C-A, Pucher PH, Parks RW, Ansari MT, Connor S, Dirks RC, Anderson B, Altieri MS, Tsamalaidze L, Stefanidis D, Asbun D, den Baaker C, Boni L, Campagna R, Ceppa E, Crandall M, Davis C, Deal S, Dojels S, Domiguez-Rosado I, van Gastel L, Gerard J, Hashimoto D, Harrison E, Holden S, Ignacio R, Imventarz O, Jeyarajah R, Landin MK, Lawrence C, Mesleh M, Monafred S, Paganini A, Fernando Santos B, Sikora S, Schaffner T, Stoikes N, Su B, Thomas M, Veenstra B, Abdelmoaty W, Zwart E, the Prevention of Bile Duct Injury Consensus Work Group. Safe cholecystectomy multi-society practice guideline and state-of-the-art consensus conference on prevention of bile duct injury during cholecystectomy. *Surgical Endoscopy* 2020; 34 (7) 2827-2855.

Michelangeli F. Imaging the unimaginable: Medical imaging in the realm of photography. *Clinics in Dermatology* 2019; 37 (1): 38-46.

Micic D, Oto A, Charlton MR, Benoit J-L, Siegler M. Hiding in the water. *New England Journal of Medicine* 2020; 382 (19) 1844-1849.

Middleton DRS, Menya D, Kigen N, Oduor M, Maina SK, Some F, Chumba D, Ayuo P, Osano O, Schüz, J, McCormack V. Hot beverages and oesophageal cancer risk in western Kenya: Findings from the ESCCAPE case-control study. *International Journal of Cancer* 2019; 144 (11): 2669-2676.

Middleton DRS, Xie S-H, Bouaoun L, Byrnes G, Song G-H, Schüz, J, Wei W-Q, McCormack VA. Esophageal thermal exposure to hot beverages: A comparison of metrics to discriminate distinct consumption habits. *Cancer Epidemiology Biomarkers and Prevention* 2019; 28 (12): 2005-2013

Mihalopoulos NL, Yap JT, Beardmore B, Holubkov R, Nanjee MN, Hoffman JM. Cold-Activated Brown Adipose Tissue is Associated with Less Cardiometabolic Dysfunction in Young Adults with Obesity, *Obesity* 2020; 28 (5) 916-923.

Miller TR, Zhuo J, Eisenberg HM, Fishman PS, Melhem ER, Gullapalli R, Gandhi D. Targeting of the dentato-rubro-thalamic tract for MR-guided focused ultrasound treatment of essential tremor. *Neuroradiology Journal* 2019; 32 (6): 401-407.

Mills JP, Kaye KS, Mody L. COVID-19 in older adults: Clinical psychosocial and public health considerations, *JCI Insight* 2020; 5 (10) art. no. e139292.

Ming A, Walter I, Alhajjar A, Leuckert M, Mertens PR. Study protocol for a randomized controlled trial to test for preventive effects of diabetic foot ulceration by telemedicine that includes sensor-equipped insoles combined with photo documentation. *Trials* 2019; 20 (1), art. no. 521.

Minnaar CA, Kotzen JA, Naidoo T, Tunmer M, Sharma V, Vangu M-D-T, Baeyens A. Analysis of the effects of mEHT on the treatment-related toxicity and quality of life of HIV-positive cervical cancer patients. *International Journal of Hyperthermia* 2020; 37 (1) 263-272.

Mintzopoulos D, Ratai E-M, He J, Gonzalez, RG, Kaufman MJ. Simian immunodeficiency virus transiently increases brain temperature in rhesus monkeys: detection with magnetic resonance spectroscopy thermometry. *Magnetic Resonance in Medicine* 2019; 81 (5): 2896-2904.

Mironov S, Hwang CD, Nemzek J, Li J, Ranganathan K, Butts JT, Cholok DJ, Dolgachev VA, Wang SC. Hemmila M, Cederna PS, Morris MD, Berenfeld O, Levi B, Short-wave infrared light imaging measures tissue moisture and distinguishes superficial from deep burns, *Wound Repair and Regeneration* 2020; 28 (2) 185-193.

Mishra P, Gupta B, Nath A. Anesthetic considerations and goals in robotic pediatric surgery: a narrative review. *Journal of Anesthesia* 2020; 34 (2) 286-293.

Mitchell D, Kornhuber K, Huntingford C, Uhe P. The day the 2003 European heatwave record was broken. *The Lancet Planetary Health* 2019; 3 (7): e290-e292.

Mitchell EJ, Qureshi ZP, Were F, Daniels J, Gwako G, Osoti A, Opira J, Bradshaw L, Oliver M, Pallotti P, Ojha S. Feasibility of using an Early Warning Score for preterm or low birthweight infants in a low-resource setting: Results of a mixed-methods study at a national referral hospital in Kenya, *BMJ Open* 2020; 10 (10) art. no. e039061.

Mitra B, Luckhoff C, Mitchell RD, O'Reilly GM, Smit DV, Cameron PA. Temperature screening has negligible value for control of COVID-19. *EMA - Emergency Medicine Australasia* 2020; 32 (5) 867-869.

Mitsui Y, Ogawa K, Miyagawa F, Azukizawa H, Yoshikawa T, Asada H. Drug-induced hypersensitivity syndrome/drug reaction with eosinophilia and systemic symptoms or non-drug-related erythroderma with a persistent human herpesvirus 6 infection. *Journal of Dermatology* 2020; 47 (2) e44-e46.

Miura Y, Seifert E, Rehra J, Kern K, Theisen-Kunde D, Denton M, Brinkmann R. Real-time optoacoustic temperature determination on cell cultures during heat exposure: a feasibility study. *International Journal of Hyperthermia* 2019; 36 (1): 466-472.

- Myauchi S, Nakano Y, Ikeuchi Y, Okamura S, Okubo Y, Hironobe N, Tokuyama T, Kihara Y. HotBalloon ablation of atrial fibrillation in patients with dextrocardia and situs inversus by “mirror image” approach. *Journal of Arrhythmia* 2019; 35 (6): 855-857.
- Mizumoto M, Ochi F, Hamada J, Jogamoto T, Eguchi M. Intraluminal duodenal diverticulum with repeated vomiting and acute pancreatitis. *Pediatrics International* 2020; 62 (9) 1109-1110.
- Modrzejewska A, Cieszyński L, Zaborski D, Parafiniuk M. Infrared thermography for the analysis of ocular surface temperature after phacoemulsification. *Arquivos Brasileiros de Oftalmologia* 2020; 83 (3) 202-208.
- Mody P, Kulkarni N, Khera R, Link MS. Targeted temperature management for cardiac arrest. *Progress in Cardiovascular Diseases* 2019; 62 (3): 272-278.
- Moffett BS, Gutierrez, K, Davis K, Sigdel B, Strobel N. Antipyretic Efficacy of Acetaminophen and Ibuprofen in Critically Ill Pediatric Patients. *Pediatric critical care medicine : a journal of the Society of Critical Care Medicine and the World Federation of Pediatric Intensive and Critical Care Societies* 2019; 20 (8): e386-e393.
- Mohammadi A, Ma L-X, Yang Y, Song Y, Wang J-X. Immediate Analgesic Effect of Perpendicular Needling or Transverse Needling at SP 6 in Primary Dysmenorrhea: A Pilot Study. *Medical Acupuncture* 2019; 31 (4): 207-217
- Mohammadnia A, Saeidian B, Pradhan B, Ghaemi Z. Prediction mapping of human leptospirosis using ANN, GWR, SVM and GLM approaches. *BMC Infectious Diseases* 2019; 19 (1), art. no. 971.
- Mohanty R, Agrawal K, Meher B. Thyroid scintigraphy in fever of unknown origin. *Indian Journal of Nuclear Medicine* 2019; 34 (4): 307-308
- Mollie S, Passot S, Morel J, Futier E, Lefrant JY, Constantin JM, Le Manach Y, Pereira B, Bruder N, Vaisse C, Bechis C, Bernard L, Leone M, Poirier M, Vincent A, Abdelkrim N, Paugam C, Lion F, Montravers P, Langeron O, Raux M, Baussier M, Xu K, Bart F, Dagois S, Plaud B, Rabuel C, Roland E, Biais M, Nouette-Gaulain K, Cabart A, Hanouz, JL, Lambert C, Godet T, Thibault S, Bouhemad B, Chambade E, Bouzat P, Garot M, Lebuffe G, Lallemand F, Lemery C, Tavernier B, de Jong A, Jaber S, Verzilli D, Delannoy M, Meistelman C, Carles M, Tran L, Bertran S, Cuvillon P, Ripart J, Simon-Pene S, Boisson M, Debaene B, Beloeil H, Godet G, Collange O, Mertes PM, Diemunsch P, Joganah D, Oehlkern L, Baulieu M, Beauchesne B, Beraud AM, Berthier-Berrada S, Bien JY, Dupont G, Gavory J, Lambert P, Lanoiselée J, Zufferey P, Ferré, F, Martin C, Minville V, Planté, B, Baffeuf B, Ben Abdelkarim M, David JS, Incagnoli P, Khaled M, Laplace MC, Lefevre M, Piriou V, Aubrun F, Cero V, Delsuc C, Faulcon C, Meuret P, Rimmelé, T, Truc C, Opti-Aged group Azurea clinical research Network. A multicentre observational study on management of general anaesthesia in elderly patients at high-risk of postoperative adverse outcomes. *Anaesthesia Critical Care and Pain Medicine* 2019; 38 (1): 15-23.
- Monaghan AJ, Schmidt CA, Hayden MH, Smith KA, Reiskind MH, Cabell R, Ernst KC. A simple model to predict the potential abundance of aedes aegypti mosquitoes one month in advance. *American Journal of Tropical Medicine and Hygiene* 2019; 100 (2): 434-437.
- Montalti A, Belliato M, Gelsomino S, Nalon S, Matteucci F, Parise O, de Jong M, Makhoul M, Johnson DM, Lorusso R. Continuous monitoring of membrane lung carbon dioxide removal during ECMO: experimental testing of a new volumetric capnometer. *Perfusion (United Kingdom)* 2019; 34 (7): 538-543
- Montezuma SR, Sun SY, Roy A, Caspi A, Dorn JD, He Y. Improved localisation and discrimination of heat emitting household objects with the artificial vision therapy system by integration with thermal sensor. *British Journal of Ophthalmology* 2020; 104 (12) 1730-1734.
- Montiel-Esparza R, Reys B, Rogers ZR, Evans AS, Wysocki CA, Timmons C, Dickerson KE. Connecting the Dots from Fever of Unknown Origin to Myelodysplastic Syndrome: GATA2 Haploinsufficiency. *Journal of Pediatric Hematology/Oncology* 2020; 42 (5) e365-e368.

Monzon B, Hegarty K, Rech MA, A knack for “NAC”: Treatment for heat stroke induced acute liver injury. American Journal of Emergency Medicine 2020; 38 (4) 853.e1-853.e3.

Moreira Marques T, Nascimento PO, Almeida A, Tosatto V. Weil's disease in a young homeless man living in Lisbon, BMJ Case Reports 2020; 13 (6) art. no. 2019233543.

Moreira-Marconi E, Moura-Fernandes MC, Lopes- Souza P, Teixeira-Silva Y, Reis-Silva A, Marques Marchon R, de Oliveira Guedes-Aguiar E, Paineiras-Domingos LL, da Cunha de Sa-Caputo D, Soares Morel D, Fontoura Dionello C, Oliveira De-Carvalho S, dos Santos Pereira MJ, Francisca-Santos A, Silva-Costa G, Marcio Olimpio-Souza M, Lemos-Santos TR, Ribeiro Asad N, Layter Xavier V, Taíar R, Sonza A, Seixas A, Cochrane DJ, Bernardo-Filho M. Evaluation of the temperature of posterior lower limbs skin during the whole body vibration measured by infrared thermography: Cross-sectional study analysis using linear mixed effect model. PLoS ONE 2019, 14(3): e0212512

Morettini E, Turchini F, Tofani L, Villa G, Ricci Z, Romagnoli S. Intraoperative core temperature monitoring: accuracy and precision of zero-heat flux heated controlled servo sensor compared with esophageal temperature during major surgery; the ESOSPOT study. Journal of Clinical Monitoring and Computing 2020; 34 (5) 1111-1119.

Morita M, Tomioka H. Infective endocarditis presenting as diffuse alveolar hemorrhage: A case report. Respiratory Medicine Case Reports 2019; 28, art. no. 100931.

Motamarri A, Negussie AH, Rossmann C, Small J, Wolfe AM, Wood BJ, Haemmerich D. Real-time fluorescence imaging for visualization and drug uptake prediction during drug delivery by thermosensitive liposomes. International Journal of Hyperthermia 2019; 36 (1): 817-826.

Motlagh A, Yamrali M, Azghandi S, Azadeh P, Vaezi M, Ashrafi F, Zendehdel K, Mirzaei H, Basi A, Rakhsha A, Seifi S, Tabatabaeefar M, Elahi A, Pirjani P, Moadab Shoar L, Nadarkhani F, Khoshabi M, Bahar M, Esfahani F, Fudazi H, Samiei F, Farazmand B, Ahmari A, Rajabpour MV, Janbabaei G, Raisi A, Ostovar A, Malekzadeh R. COVID19 prevention & care; A cancer specific guideline. Archives of Iranian Medicine 2020; 23 (4) 255-264.

Mouchtouri VA, Christoforidou EP, der Heiden MA, Lemos CM, Fanos M, Rexroth U, Grote U, Belfroid E, Swaan C, Hadjichristodoulou C. Exit and entry screening practices for infectious diseases among travelers at points of entry: Looking for evidence on public health impact. International Journal of Environmental Research and Public Health 2019; 16 (23), art. no. 4638.

Mudra U, Andreychyn S, Hanberher I, Korylchuk N. Indicators of gout interlays and thermography of joints on the background of enterosorption therapy. Georgian Medical News 2020; (303) 97-102.

Muhammad Mashhood Ali Bokhari S, Mahmood F. Case Report: Novel coronavirus—a potential cause of acute pancreatitis? American Journal of Tropical Medicine and Hygiene 2020; 103 (3) 1154-1155.

Mukaigawara M, Kinjo M, Olson APJ, Raita Y, Murthy VK. Past is prologue. Journal of Hospital Medicine 2019; 14 (8): 501-505.

Mukkada S, Hakim H. Fever in neutropenia: time to re-evaluate an old paradigm? The Lancet Child and Adolescent Health 2020; 4 (7) 480-481.

Munier SM, Desai AN, Patel NV, Danish SF. Effects of intraoperative magnetic resonance thermal imaging signal artifact during laser interstitial thermal therapy on thermal damage estimate and postoperative magnetic resonance imaging ablative area concordance. Operative Neurosurgery 2020; 18 (5) 524-530.

Munier SM, Ginalis EE, Desai AN, Danish SF. Understanding the Relationship Between Real-Time Thermal Imaging and Thermal Damage Estimate During Magnetic Resonance–Guided Laser Interstitial Thermal Therapy. World Neurosurgery 2020; 134: e1093-e1098.

Munier SM, Hargreaves EL, Patel NV, Danish SF. Ablation dynamics of subsequent thermal doses delivered to previously heat-damaged tissue during magnetic resonance–guided laser-induced thermal therapy. Journal of Neurosurgery 2019; 131 (6): 1958-1965.

Munier SM, Liang AS, Desai AN, James JK, Danish SF. Characterization of magnetic resonance thermal imaging signal artifact during magnetic resonance guided laser-induced thermal therapy. *Operative Neurosurgery* 2020; 19 (5) 619-624.

Münster T. OrphanAnesthesia - A project of the scientific working group of paediatric anaesthesia of the german society of anaesthesiology and intensive care medicine. *Anasthesiologie und Intensivmedizin* 2020; 61 (5) S125-S130.

Muppudi PR, Murki S, Kiran S, Oleti TP, Kallem VR, Kamineni B, Vardhelli V, Sharma D. Tempwatch for monitoring hypothermia in very-low-birth-weight infants: A randomized controlled trial. *Perinatology* 2020; 20 (4) 108-113.

Murphy ER, Roßmanith J, Sieg J, Fris ME, Hussein H, Kouse AB, Gross K, Zeng C, Hines JV, Narberhaus F, Coschigano PW. Regulation of OmpA translation and shigella dysenteriae virulence by an RNA thermometer. *Infection and Immunity* 2020; 88 (3) art. no. e00871-19.

Murphy TA, Mathews JA, Whitehouse MR, Baker RP. Investigation of thermally induced damage to surrounding nerve tissue when using curettage and cementation of long bone tumours modelled in cadaveric porcine femurs. *Archives of Orthopaedic and Trauma Surgery* 2019; 139 (8): 1033-1038.

Murro V, Mucciolo DP, Giorgio D, Sodi A, Boraldi F, Quaglino D, Virgili G, Giansanti F. Pattern dystrophy-like changes and coquille d'oeuf atrophy in elderly patients affected by pseudoxanthoma elasticum. *Graefe's Archive for Clinical and Experimental Ophthalmology* 2020; 258 (9) 1881-1892.

Nachtigal D, Andrew K, Green BG. Selective Effects of Temperature on the Sensory Irritation but not Taste of NaCl and Citric Acid. *Chemical Senses* 2019; 44 (1): 61-68.

Nagarajan VK, Ward JM, Yu B. Association of Liver Tissue Optical Properties and Thermal Damage. *Lasers in Surgery and Medicine* 2020; 52 (8) 779-787.

Najafi A, Fuchs B, Binkert CA. Mid-term results of MR-guided high-intensity focused ultrasound treatment for relapsing superficial desmoids. *International Journal of Hyperthermia* 2019; 36 (1): 538-542.

Najafi A, Sartoretti E, Binkert CA. Sacroiliac Joint Ablation Using MR-HIFU. (2019) *CardioVascular and Interventional Radiology* 2019; 42 (9): 1363-1365

Najafi B, Reeves ND, Armstrong DG. Leveraging smart technologies to improve the management of diabetic foot ulcers and extend ulcer-free days in remission. *Diabetes/Metabolism Research and Reviews* 2020; 36 (S1) art. no. e3239.

Najafi MT, Abbasi MR, Manshadi SAD, Rahimzadeh S, Shojamoradi MH. Surveillance and isolation based strategies to prevent covid-19 in a dialysis center of tehran a customized approach. *Iranian Journal of Kidney Diseases* 2020; 14 (4) 321-322.

Najafzadeh M, Shahzad F, Ghaderi N, Ansari K, Jacob B, Wright A. Urticaria (angioedema) and COVID-19 infection. *Journal of the European Academy of Dermatology and Venereology* 2020; 34 (10) e568-e570.

Nakagawa Y, Uchida T, Morizane S, iPhone charger-induced chemical burn from overnight contact with sweat: Two cases. *Journal of Dermatology* 2020; 47 (10) 1187-1190.

Nakai A, Minematsu T, Tamai N, Sugama J, Urai T, Sanada H. Prediction of healing in Category I pressure ulcers by skin blotting with plasminogen activator inhibitor 1, interleukin-1 α , vascular endothelial growth factor C, and heat shock protein 90 α : A pilot study. *Journal of Tissue Viability* 2019; 28 (2): 87-93.

Nakajima M, Aso S, Yasunaga H, Shirokawa M, Nakano T, Miyakuni Y, Goto H, Yamaguchi Y. Body temperature change and outcomes in patients undergoing long-distance air medical transport. *American Journal of Emergency Medicine* 2019; 37 (1): 89-93.

Nakamura T, Kawaji T, Harada T, Kato Y, Moriyama K, Hasegawa D, Komura H, Shibata J, Yamashita C, Kuriyama N, Hara Y, Nishida O. Lower blood return temperature than core temperature

as a causal factor of decreased cardiac output assessed by transpulmonary thermodilution during blood purification. *Therapeutic Apheresis and Dialysis* 2020; 24 (5) 476-481.

Namba H, Kawasaki M, Izumi M, Ushida T, Takemasa R, Ikeuchi M. Effects of MRgFUS treatment on musculoskeletal pain: Comparison between bone metastasis and chronic knee/lumbar osteoarthritis. *Pain Research and Management* 2019, art. no. 4867904.

Naser HY, Al-Neami AQ, Ibrahim Y. Study the effect of temperature variable on the patient with jaundice stay period inside the incubator. *Medico-Legal Update* 2020; 20 (1) 613-617.

Navaeifar MR, Ghazaghi MP, Shahbaznejad L, Rouhanizadeh H, Abutalebi M, Varandi MR, Rezai MS. Fever with rash is one of the first presentations of COVID-19 in children: A case report. *International Medical Case Reports Journal* 2020; 13 335-340.

Navascues-Cornago M, Morgan PB, Maldonado-Codina C, Read ML. Characterisation of blink dynamics using a high-speed infrared imaging system. *Ophthalmic and Physiological Optics* 2020; 40 (4) 519-528.

Nawar T, Morjaria S, Kaltsas A, Patel D, Perez-Johnston R, Daniyan AF, Mailankody S, Parameswaran R. Granulocyte-colony stimulating factor in COVID-19: Is it stimulating more than just the bone marrow? *American Journal of Hematology* 2020; 95 (8) E210-E213.

Nazzaro G, Moltrasio C, Marzano AV. Infrared thermography and color Doppler: Two combined tools for assessing inflammation in hidradenitis suppurativa. *Skin Research and Technology* 2020; 26 (1) 140-141.

Nechay TV, Titkova SM, Anurov MV, Mikhachik EV. Melnikov-Makarchyk KY, Ivanova EA, Tyagunov AE, Fingerhut A, Sazhin AV. Thermal effects of monopolar electrosurgery detected by real-time infrared thermography: An experimental appendectomy study. *BMC Surgery* 2020; 20 (1) art. no. 116.

Nee J, Schroeder T, Vornholt F, Schaeuble J, Leithner C, Stockmann M, Storm C, Dynamic determination of functional liver capacity with the LiMAX test in post-cardiac arrest patients undergoing targeted temperature management—A prospective trial. *Acta Anaesthesiologica Scandinavica* 2020; 64 (4) 501-507.

Nelson TS, Nepiyushchikh Z, Hooks JST, Razavi MS, Lewis T, Clement CC, Thoresen M, Cribb MT, Ross MK, Gleason RL, Jr, Santambrogio L, Peroni JF, Dixon JB. Lymphatic remodelling in response to lymphatic injury in the hind limbs of sheep. *Nature Biomedical Engineering* 2020; 4 (6) 649-661.

Németh O, Langenbucher A, Eppig T, Lepper S, Milioti G, Abdin A, Nagy ZZ, Seitz B, Szentháry N. Ocular Surface Disease Index and Ocular Thermography in Keratoconus Patients. *Journal of Ophthalmology* 2020 art. no. 1571283.

Neubauer-Geryk J, Hoffmann M, Wielicka M, Piec K, Kozera G, Brzeziński M, Bieniaszewski L. Current methods for the assessment of skin microcirculation: Part 1. *Postępy Dermatologii i Alergologii* 2019; 36 (3) 247-254.

Neumann W, Uhrig T, Malzacher M, Kossmann V, Schad LR, Zoellner FG. Risk assessment of copper-containing contraceptives: the impact for women with implanted intrauterine devices during clinical MRI and CT examinations. *European Radiology* 2019; 29 (6): 2812-2820.

Nevens D, Billiet C, Weytjens R, Joye I, Machiels M, Vermylen A, Chiari I, Bauwens W, Vemeulen P, Dirix L, Huget P, Verellen D, Dirix P, Meijnders P. The use of simulation-CT's as a coronavirus disease 2019 screening tool during the severe acute respiratory syndrome coronavirus 2 pandemic. *Radiotherapy and Oncology* 2020; 151 17-19.

Ng CZ, Lean YL, Yeoh SF, Lean QY, Lee KS, Suleiman AK, Liew KB, Kassab YW, Al-Worafi YM, Ming LC. Cold chain time-and temperature-controlled transport of vaccines: A simulated experimental study. *Clinical and Experimental Vaccine Research* 2020; 9 (1) 8-14.

Ng O-T, Marimuthu K, Chia P-Y, Koh V, Chiew CJ, de Wang L, Young BE, Chan M, Vasoo S, Ling L-M, Lye DC, Kam K-Q, Thoon K-C, Kurupatham L, Said Z, Goh E, Low C, Lim S-K, Raj P, Oh O, Koh VTJ, Poh C, Mak T-M, Cui L, Cook AR, Lin RTP, Leo Y-S, Lee VJM. SARS-CoV-2 infection among travelers returning from Wuhan China, *New England Journal of Medicine* 2020; 382 (15) 1476-1478.

Nguyen DT, Zheng L, Zipse MM, Borne RT, Tzou WS, Fleeman B, Sauer WH. Bipolar radiofrequency ablation creates different lesion characteristics compared to simultaneous unipolar ablation. *Journal of Cardiovascular Electrophysiology* 2019; 30 (12): 2960-2967

Nguyen H, Kushelev M, Khoury PE, Coffman JC. Determining neuraxial block onset in a patient with complete T6 paraplegia. *International Journal of Obstetric Anesthesia* 2020; 44: 20-21.

Nguyen JMV, Hogen L, Laframboise S, Bouchard-Fortier G, Ferguson SE, Bernardini MQ, May T. The use of indocyanine green fluorescence angiography to assess anastomotic perfusion following bowel resection in surgery for gynecologic malignancies - A report of 100 consecutive anastomoses. *Gynecologic Oncology* 2020; 158 (2) 402-406.

Nguyen KH, Gemmell BJ, Rohr JR. Effects of temperature and viscosity on miracidial and cercarial movement of *Schistosoma mansoni*: ramifications for disease transmission. *International Journal for Parasitology* 2020; 50 (2) 153-159.

Nicolini Y, Manini B, De Stefani E, Coudé G, Cardone D, Barbot A, Bertolini C, Zannoni C, Belluardo M, Zangrandi A, Bianchi B, Merla A, Ferrari PF. Autonomic Responses to Emotional Stimuli in Children Affected by Facial Palsy: The Case of Moebius Syndrome. *Neural Plasticity*, 2019, 7253768.

Niemtzow RC. Acupuncture and Uncertainties in a Changing World: Advice for Practitioners. *Medical Acupuncture* 2020; 32 (4) 172-173.

Niepel AL, Dominik S, Lewicki M, Fuat S, Gerhard K, Helga P, Dirk H, Kömürcü, F. Decision between contralateral and ipsilateral DIEP flap harvesting for unilateral breast reconstruction. *European Journal of Plastic Surgery* 2019; 42 (1): 29-32.

Nieto-Fuentes JC, Osovski S, Rittel D. High-speed infrared thermal measurements of impacted metallic solids. *MethodsX* 2020; 7 art. no. 100914.

Nischwitz SP, Luze H, Kamolz L-P. Thermal imaging via FLIR One – A promising tool in clinical burn care and research. *Burns* 2020; 46 (4) 988-989.

Nishikawa K, Fujita T, Yuda M, Tanaka Y, Matsumoto A, Tanishima Y, Hanyu N, Yanaga K. Quantitative assessment of blood flow in the gastric conduit with thermal imaging for esophageal reconstruction. *Annals of Surgery* 2020; 271 (6) 1087-1094.

Nishimura Y, Hagiya H, Kawano K, Yokota Y, Oka K, Iio K, Hasegawa K, Obika M, Haruma T, Ono S, Masuyama H, Otsuka F. Invasive non-typeable *Haemophilus influenzae* infection due to endometritis associated with adenomyosis. *BMC Infectious Diseases* 2020; 20 (1) art. no. 521.

Nishio N, van den Berg NS, van Keulen S, Martin BA, Fakurnejad S, Zhou Q, Lu G, Chirita SU, Kaplan MJ, Divi V, Colevas AD, Rosenthal EL. Optimal Dosing Strategy for Fluorescence-Guided Surgery with Panitumumab-IRDye800CW in Head and Neck Cancer. *Molecular Imaging and Biology* 2020; 22 (1) 156-164.

Nishitani N, Ohmura Y, Nagayasu K, Shibui N, Kaneko S, Ohashi A, Yoshida T, Yamanaka A, Yoshioka M. CRISPR/Cas9-mediated in vivo gene editing reveals that neuronal 5-HT1A receptors in the dorsal raphe nucleus contribute to body temperature regulation in mice. *Brain Research* 2019; 1719: 243-252.

Nkemngong CA, Voorn MG, Li X, Teska PJ, Oliver HF. A rapid model for developing dry surface biofilms of *Staphylococcus aureus* and *Pseudomonas aeruginosa* for in vitro disinfectant efficacy testing. *Antimicrobial Resistance and Infection Control* 2020; 9 (1) art. no. 134.

Nofal R, Zeinali L, Sawaf H. Splenic infarction induced by epstein–barr virus infection in a patient with sickle cell trait. *Journal of Paediatrics and Child Health* 2019; 55 (2): 249-251.

Nolan E, Manning J, Heal C, Moore T, Herrick AL. Impact and associates of digital pitting in patients with systemic sclerosis: a pilot study. *Scandinavian Journal of Rheumatology* 2020; 49 (3) 239-243.

Nordin ND, Zan MSD, Abdullah F. Comparative analysis on the deployment of machine learning algorithms in the distributed brillouin optical time domain analysis (BOTDA) fiber sensor. *Photonics* 2020; 7 (4) art. no. 79.

- Norrbrand L, Kölegård R, Keramidas ME, Mekjavić IB, Eiken O. Finger- and toe-temperature responses to local cooling and rewarming have limited predictive value identifying susceptibility to local cold injury-a cohort study in military cadets. *Applied Ergonomics* 2020; 82 art. no. 102964.
- Nosrati Z, Bergamo M, Rodríguez-Rodríguez C, Saatchi K, Häfeli UO. Refinement and validation of infrared thermal imaging (IRT): a non-invasive technique to measure disease activity in a mouse model of rheumatoid arthritis. *Arthritis Research and Therapy* 2020; 22 (1) art. no. 281.
- Notter M, Thomsen AR, Nitsche M, Hermann RM, Wolff HA, Habl G, Münch K, Grosu A, Vaupel P. Combined wIRA-hyperthermia and hypofractionated re-irradiation in the treatment of locally recurrent breast cancer: Evaluation of therapeutic outcome based on a novel size classification. *Cancers* 2020; 12 (3) art. no. 606.
- Novak CB, Li Y, von Schroeder HP, Anastakis DJ, McCabe SJ. Effect of Forearm Warming Compared to Hand Warming for Cold Intolerance Following Upper Extremity Trauma. *Journal of Hand Surgery* 2019; 44 (8): 693.e1-693.e6.
- Noviawaty I, Olaru E, Rondello C, Fitzsimmons B, Raghavan M, Noviawaty I. Clinical Reasoning: Ketogenic diet in adult super-refractory status epilepticus. *Neurology* 2020; 94 (12) 541-546.
- Numahata K, Akaiwa Y, Yoshizawa K, Norimine S, Onoue H, Miyamoto T. Cryptococcal meningoencephalitis in an immunocompetent patient caused by late onset exacerbation. *Clinical Neurology* 2019; 59 (4): 190-194.
- Nunes AR. Misdiagnosing vulnerability to heatwaves in the media. *The Lancet Planetary Health* 3 (7), p. e293.
- Nunes B, Lopes J, Relvas-Silva M, Alves H, Vardasca R. Shoulder Infrared Thermography in Chronic Rotator Cuff Tears-Temperature Assessment and Variation in Affected and Non-Affected Shoulders. *Int J Sports Exerc Med* 2019, 5, 120.
- Nwaneri D, Oladipo O, Ifebe I, Oviawe O, Asemota O, Ogbogodo B, Israel-Aina Y, Sadoh A. Haematological parameters and spleen rate of asymptomatic and Malaria negative children in Edo South district Nigeria. *Annals of Global Health* 2020; 86 (1) art. no. 62 1-12.
- Nygaard H, Maschmann C, Ekmann A. Comparison between temporal and rectal temperature measurement, *Danish medical journal* 2020; 67 (11),
- Nygaard H, Maschmann C, Ekmann A. Comparison between temporal and rectal temperature measurement. *Danish Medical Journal* 2020; 67 (11) art. no. A04200270 1-8.
- Nzekwe IT, Okere AC, Okoye IE, Ekere KE, Ezenwa AA, Agubata CO. Bioassay-guided optimization of lipid-based erythromycin microparticles. *Tropical Journal of Pharmaceutical Research* 2020; 19 (7) 1351-1358.
- O'Brien TJ, Bonakdar M, Bhonsle S, Neal RE, II, Aardema CH, Jr Robertson JL, Goldberg SN, Davalos RV. Effects of internal electrode cooling on irreversible electroporation using a perfused organ model. *International Journal of Hyperthermia* 2019; 35 (1) 44-55.
- Obaidat IM, Alaabed S, Al-Omari IA, Narayanaswamy V, Issa B, Khaleel A. Field-dependent morin transition and temperature-dependent spin-flop in synthetic hematite nanoparticles. *Current Nanoscience* 2020; 16 (6) 967-975.
- Oberacker E, Kuehne A, Oezerdem C, Nadobny J, Weihrauch M, Beck M, Zschaeck S, Diesch C, Eigenthaler TW, Waiczies H, Ghadjar P, Wust P, Winter L, Niendorf T. Radiofrequency applicator concepts for thermal magnetic resonance of brain tumors at 297 MHz (7.0 Tesla). *International Journal of Hyperthermia* 2020; 37 (1) 549-563.
- Obioha MA, Omoleke SA, Imafidon CE, Ajibola O, Oriero EC, Amambua-Ngwa A. Beyond SARS-CoV-2: Lessons that African governments can apply in preparation for possible future epidemics. *Journal of Preventive Medicine and Public Health* 2020; 53 (5) 307-310.

- Odebawale AA, Abdel-Rahman M. Design and optical simulation of a sensor pixel for an optical readout-based thermal imager. 2019 8th International Conference on Modeling Simulation and Applied Optimization ICMSAO 2019, art. no. 8880308.
- Odéen H, de Bever J, Hofstetter LW, Parker DL. Multiple-point magnetic resonance acoustic radiation force imaging. Magnetic Resonance in Medicine 2019; 81 (2): 1104-1117.
- Odéen H, Hadley JR, Palomino D, Stroth K, Parker DL. MR thermometry to assess heating induced by rf coils used in MRI. eMagRes 2019; 8 (1): 55-70.
- Odéen H, Parker DL. Improved MR thermometry for laser interstitial thermotherapy. Lasers in Surgery and Medicine 2019; 51 (3): 286-300.
- Odermatt TS, Dedual MA, Borsigova M, Wueest S, Konrad D. Adipocyte-specific gp130 signalling mediates exercise-induced weight reduction. International Journal of Obesity 2020; 44 (3) 707-714.
- Ofodile LN, Nicholas-Okpara NVA, Ani E, Ikegwu EM, Saanu A, Ezenwa PC, Osorinde RT. Production and nutritional composition of juice powder from oyster mushroom Pleurotus ostreatus (Jacq.) Kummer, Functional Foods in Health and Disease 2020; 10 (11) 482-492.
- Oglesby RT, Lam WW, Stanisz GJ. In vitro characterization of the serotonin biosynthesis pathway by CEST MRI, Magnetic Resonance in Medicine 2020; 84 (5) 2389-2399.
- Oh G, Chung E. Label-free tumor detection with active infrared thermal laparoscopic system in a mouse tumor model. Progress in Biomedical Optics and Imaging - Proceedings of SPIE 2019; 11073, art. no. 110731D.
- Oh TK, Ryu J-H, Sohn H-M, Jeon Y-T. Intraoperative Hypothermia Is Associated with Reduced Acute Kidney Injury after Spine Surgery under General Anesthesia: A Retrospective Observational Study. Journal of Neurosurgical Anesthesiology 2020; 32 (1) 63-69.
- Ohya H, Watanabe J, Suwa H, Suwa Y, Ishibe A, Masui H, Nagahori K, Kunisaki C, Endo I. Incidence and risk factors for fluorescence abnormalities on near-infrared imaging using indocyanine green in stapled functional end-to-end anastomosis in laparoscopic colectomy. International Journal of Colorectal Disease 2020; 35 (11) 2011-2018.
- Ohyama S, Takahashi S, Tamai K, Hori Y, Hirakawa Y, Hoshino M, Suzuki A, Nakamura H. Prevention of Nerve Root Thermal Injury Caused by Bipolar Cauterization Near the Nerve Roots. Spine 2019; 44 (6): E321-E328.
- Okada N, Fujita T, Kanamori J, Sato A, Kurita D, Horikiri Y, Sato T, Fujiwara H, Yamamoto H, Daiko H. Efficacy of prewarming prophylaxis method for intraoperative hypothermia during thoracoscopic esophagectomy, Esophagus 2020; 17 (4) 385-391.
- Okano T, Okada A, Tabata H, Kobayashi H, Shoin W, Yoshie K, Oguchi Y, Shoda M, Kuwahara K. Wire perforation causing cardiopulmonary arrest during radiofrequency hot balloon ablation for pulmonary vein isolation. Journal of Cardiology Cases 2019; 19 (5): 169-172.
- Okuwaki H, Kido T, Enomoto Y, Suzuki R, Takada H. A case of cardiac tamponade without cardiac tumor in pediatric lymphoma. Pediatrics International 2020; (10) 1201-1202.
- Oliva-Hernández, R, Fariñas-Medina M, Infante-Bourzac JF, Hernández-Salazar T, Núñez-Martínez, D, Quintero-Pérez, A, Campa-Huergo C, Sierra-González, G. Local tolerance study of the VA-MENGOC-BC® antimeningococcal vaccine in Sprague Dawley rats. Evaluation at 24 and 36 months of shelf. VacciMonitor 2019; 28 (1): 9-18.
- Oliveira PDS, de Carvalho MA, Braga MA, Leite MMP, Medrado AP. Comparative thermographic analysis at pre- and postcryolipolysis treatment: Clinical case report. Journal of Cosmetic Dermatology 2019; 18 (1): 136-141
- Oliver B, Munro A, Gerald SM, Herrington LC. The reliability of an Achilles tendon infrared image analysis method. Thermology international 2019, 29(4) 136-145

Oliver B, Munro A, Herrington L. The effect of distance and angle of a smartphone-compatible infrared thermal imaging camera on skin temperature at the midportion of the Achilles tendon. *Thermology International* 2020; 30 (2) 51-57.

Osseni IA. Benin responds to covid-19: Sanitary cordon without generalized containment or lockdown? *Tropical Medicine and Health* 2020; 48 (1) art. no. 46.

Overstad S, Tjonnfjord E, Garabet L, Fronas S, Bergan J, Aballi S, Ghanima W. Venous thromboembolism and coronavirus disease 2019 in an ambulatory care setting - A report of 4 cases. *Thrombosis Research* 2020; 194 116-118.

Özen AC, Silemek B, Lottner T, Atalar E, Bock M. MR safety watchdog for active catheters: Wireless impedance control with real-time feedback. *Magnetic Resonance in Medicine* 2020; 84 (2) 1048-1060.

Ozene V, Bour P, de Senneville BD, Toupin S, Vaussy A, Lepetit-Coiffé, M, Jaïs P, Cochet H, Quesson B. Assessment of left ventricle magnetic resonance temperature stability in patients in the presence of arrhythmias. *NMR in Biomedicine* 2019; 32 (11), art. no. e4160

Özer Ö, Topal U, Şen M. The effects of specific and non-specific phosphodiesterase inhibitors and n-acetylcysteine on oxidative stress and remote organ injury in two-hit trauma model. *Ulusal Travma ve Acil Cerrahi Dergisi* 2020; 26 (4) 517-525.

Pain CE, Felsenstein S, Cleary G, Mayell S, Conrad K, Harave S, Duong P, Sinha I, Porter D, Hedrich CM. Novel paediatric presentation of COVID-19 with ARDS and cytokine storm syndrome without respiratory symptoms. *The Lancet Rheumatology* 2020; 2 (7) e376-e379.

Pais Clemente M, Pinto A, Milheiro F, Costa TF, Moreira A, Vardasca R, Pereira PA. Mendes J, Dulce Madeira M, Manuel Amarante J, Adhesive dentistry sensory stimulus technique as a neuromechanism for the treatment of orofacial pain associated to temporomandibular disorders: Case study. *Journal of Oral Biology and Craniofacial Research* 2020; 10 (2) 6-12.

Palma AE, Wicks RT, Popli G, Couture DE. Corpus callosotomy via laser interstitial thermal therapy: A case series. *Journal of Neurosurgery: Pediatrics* 2019; 23 (3): 303-307.

Palumbo V, Sofia M, Mattone E, Bonaccorso R, Guastella T, La Greca G, Russello D, Latteri S. Traumatic perforated diverticulum of the fourth duodenal portion: First case report and literature review. *Annals of Medicine and Surgery* 2020; 57 114-117.

Pan M, Qiu Y, Zeng W, Tang S, Wei X, Zhang J. Disseminated *Talaromyces marneffei* infection presenting as multiple intestinal perforations and diffuse hepatic granulomatous inflammation in an infant with STAT3 mutation: A case report. *BMC Infectious Diseases* 2020; 20 (1) art. no. 394.

Pannu J. Nonpharmaceutical measures for pandemic influenza in nonhealthcare settings-international travel-related measures. *Emerging Infectious Diseases* 2020; 26 (9) 2298-2299.

Papathemelis T, Scharl A, Anapolski M, C. Inwald E, Ignatov A, Ortmann O, Gerken M, Klinkhammer-Schalke M, Scharl S. Value of indocyanine green pelvic lymph node mapping in the surgical approach of cervical cancer. *Archives of Gynecology and Obstetrics* 2020; 301 (3) 787-792.

Paradelo R, Villada A, Barral MT. Heavy metal uptake of lettuce and ryegrass from urban waste composts. *International Journal of Environmental Research and Public Health* 2020; 17 (8) art. no. 2887.

Pargana A, Musacchia F, Sanges R, Russo MT, Ferrante MI, Bowler C, Zingone A. Intraspecific diversity in the cold stress response of transposable elements in the diatom *leptocylindrus aporus*. *Genes* 2020; 11 (1) art. no. 9.

Park KH, Kim J, Oh B, Lee E, Hwang-Bo J, Ha J. Evaluation of factors triggering sensitive scalp in Korean adult women. *Skin Research and Technology* 2019; 25 (6): 862-866.

Park K-S, Svennerholm K, Shelke GV, Bandeira E, Lässer C, Jang SC, Chandode R, Gribonika I, Lötvall J. Mesenchymal stromal cell-derived nanovesicles ameliorate bacterial outer membrane vesicle-induced sepsis via IL-10. *Stem Cell Research and Therapy* 2019; 10 (1), art. no. 231.

- Park M, Hur M, Yi A, Kim H, Lee HK, Jeon EY, Oh K-M, Lee MH. Utility of temperature-sensitive indicators for temperature monitoring of red-blood-cell units. *Vox Sanguinis* 2019; 114 (5): 487-494.
- Park S, Hwang J, Park J-E, Ahn Y-C, Kang HW. Application of Ultrasound Thermal Imaging for Monitoring Laser Ablation in Ex Vivo Cardiac Tissue. *Lasers in Surgery and Medicine* 2020; 52 (3) 218-227.
- Park S-H, Berlth F, Choi J-H, Park J-H, Suh Y-S, Kong S-H, Park DJ, Lee H-J, Yang H-K. Near-infrared fluorescence-guided surgery using indocyanine green facilitates secure infrapyloric lymph node dissection during laparoscopic distal gastrectomy. *Surgery Today* 2020; 50 (10) 1187-1196.
- Park TY, Son S, Lim TG, Jeong T. Hyperthermia associated with spinal radiculopathy as determined by digital infrared thermographic imaging. *Medicine* 2020; 99 (11) p, e19483.
- Park Y, Kim J. Anesthetic management of a patient with large atrial septal defect undergoing laparoscopic cholecystectomy: A case report. *Saudi Journal of Anaesthesia* 2020; 14 (2) 249-252.
- Parra-Gimenez, N, Reyna-Bello A. Parasitological Hematological and Immunological Response of Experimentally Infected Sheep with Venezuelan Isolates of Trypanosoma evansi Trypanosoma equiperdum and Trypanosoma vivax. *Journal of Parasitology Research* 2019, art. no. 8528430
- Parsian Z, Rahmani F, Mahmoodpoor A, Pouraghaei M, Jalali MB, Esfanjani RM, Soleimanpour H. Association between core body temperature and mean airway pressure with endotracheal cuff pressure in intubated patients of emergency department. *Pakistan Journal of Medical Sciences* 2019; 35 (5): 1248-1552.
- Pascoe D, Purohit R, Conwell T, Mercer JB, Vardasca R, Howell K, Hoekstra P, Urakov A, Usuki H, Zuber J, Jung A. Memory Notes from around the globe. *Thermology international* 2019, 29(3) 110-114
- Pasquier M, Paal P, Kosinski S, Brown D, Podsiadlo P, Darocha T. Esophageal temperature measurement. *New England Journal of Medicine* 2020; 383 (16) p, E93.
- Pasquinelli C, Hanson LG, Siebner HR, Lee HJ, Thielscher A. Safety of transcranial focused ultrasound stimulation: A systematic review of the state of knowledge from both human and animal studies. *Brain Stimulation* 2019; 12 (6): 1367-1380.
- Paternò L, Dhokia V, Menciassi A, Bilzon J, Seminati E. A personalised prosthetic liner with embedded sensor technology: A case study. *BioMedical Engineering Online* 2020; 19 (1) art. no. 71.
- Pathania YS. Visual Dermatology: Figurate Erythema With Eschar. *Journal of Cutaneous Medicine and Surgery* 2020; 24 (1) p, 99.
- Pauk J, Wasilewska A., Ihnatouski M. Infrared thermography sensor for disease activity detection in rheumatoid arthritis patients. *Sensors* 2019, 19(16), 3444.
- Paul L, Kumar S, Singh S, Jain T. Multiple retinal astrocytic hamartomas in siblings with lebers congenital amaurosis: A case series and review of literature. *BMC Ophthalmology* 2020; 20 (1) art. no. 377.
- Pavlidis I, Garza I, Tsiamyrtzis P, Dcosta M, Swanson JW, Krouskop T, Levine, J. A.. Dynamic Quantification of Migrainous Thermal Facial Patterns—A Pilot Study. *IEEE Journal of Biomedical and Health Informatics*, 2019; 23(3), 1225-1233
- Payne M, Bossmann SH, Basel MT. Direct treatment versus indirect: Thermo-ablative and mild hyperthermia effects, *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology* 2020; 12 (5) art. no. e1638.
- Pearl DJ, Walshe IH, Sweeney EL, James E, Henderson T, O'Doherty AF, McDermott AM. The effect of acute exercise on environmentally induced symptoms of dry eye. *Physiological Reports* 2020; 8 (2) art. no. e14262.
- Peixinho C, Silva AC. Unusual case of spontaneous pyomyoma in a perimenopausal woman. *BMJ Case Reports* 2020; 13 (12) art. no. e240031.
- Pejaver RK, Editorial, 2020; *Perinatology* 20 (4) V,

Pejnović, N, Frančević, B. Testing heat transfer in protective clothing using a thermovision camera. *Sigurnost* 2019; 61 (3): 209-216.

Peko Cohen L, Ovadia-Blechman Z, Hoffer O, Gefen A. Dressings cut to shape alleviate facial tissue loads while using an oxygen mask. *International Wound Journal* 2019; 16 (3) 813-826.

Peng J, Ren N, Wang M, Zhang G. Practical experiences and suggestions for the 'eagle-eyed observer': a novel promising role for controlling nosocomial infection in the COVID-19 outbreak. *Journal of Hospital Infection* 2020; 105 (1) 106-107.

Peng L, Yang J-S, Stebbing J. Lessons to Europe from China for cancer treatment during the COVID-19 pandemic. *British Journal of Cancer* 2020; 123 (1) 7-8.

Peng X, Ding D. Study on the aerosol generation of plutonium metal due to oxidation. *Journal of Radioanalytical and Nuclear Chemistry* 2020; 326 (1) 361-368.

Penouilh-Suzette C, Fourré S, Besnard G, Godiard L, Pecrix Y. A simple method for high molecular-weight genomic DNA extraction suitable for long-read sequencing from spores of an obligate biotroph oomycete. *Journal of Microbiological Methods* 2020; 178 art. no. 106054.

Pereira Covarrubias N, Venegas Navarrete J, Troncoso Olchevskaia E, Kufeke Marchant M, Roa Gutiérrez R. Portable thermography in Plastic Surgery: The new reconstructive surgeon's stethoscope. *Cirugia Plastica Ibero-Latinoamericana* 2020; 46 (3) 319-327.

Pérez JJ, González-Suárez A, Nadal E, Berjano E. Thermal impact of replacing constant voltage by low-frequency sine wave voltage in RF ablation computer modelling. *Computer Methods and Programs in Biomedicine* 2020; 195 art. no. 105673.

Pérez-Guarner A, Priego-Quesada JI, Oficial-Casado F, Cibrián Ortiz De Anda RM, Carpes FP, Palmer RS. Association between physiological stress and skin temperature response after a half marathon. *Physiological Measurement* 2019; 40 (3), art. no. 034009.

Perpetuini D, Cardone D, Chiarelli AM, Filippini C, Croce P, Zappasodi F, Rotunno L, Anzoletti N, Zito M, Merla A. Autonomic impairment in Alzheimer's disease is revealed by complexity analysis of functional thermal imaging signals during cognitive tasks. *Physiological Measurement* 2019; 40 (3), art. no. 034002.

Pesonen E, Silvasti-Lundell M, Niemi TT, Kivilahti R, Hernesniemi J, Mäkinen M-T. In response to: "Temperature monitoring with zero-heat-flux technology in neurosurgical patients". *Journal of Clinical Monitoring and Computing* 2019; 33 (5): 931-932.

Pesonen E, Silvasti-Lundell M, Niemi TT, Kivilahti R, Hernesniemi J, Mäkinen M-T. The focus of temperature monitoring with zero-heat-flux technology (3M Bair-Hugger): a clinical study with patients undergoing craniotomy. *Journal of Clinical Monitoring and Computing* 2019; 33 (5): 917-923

Petrova NL, Donaldson NK, Tang W, MacDonald A, Allen J, Lomas C, Leech N, Ainarkar S, Bevans J, Plassmann P, Kluwe B, Ring F, Whittam A, Rogers L, McMillan J, Simpson R, Donaldson ANA, Machin G, Edmonds ME. Infrared thermography and ulcer prevention in the high-risk diabetic foot: data from a single-blind multicentre controlled clinical trial. *Diabetic Medicine* 2020; 37 (1) 95-104.

Philips BWJ, van Uden MJ, Rietsch SHG, Orzada S, Scheenen TWJ. A multitransmit external body array combined with a 1H and 31P endorectal coil to enable a multiparametric and multimetabolic MRI examination of the prostate at 7T. *Medical Physics* 2019; 46 (9): 3893-3905.

Phillips WW, Colson YL. Coming in the NIR Future! *Annals of Thoracic Surgery* 2020; 110 (4) p, 1436.

Piazena H, Müller W, Pendl W, von Ah S, Cap VH, Hug PJ, Sidler X, Pluschke G, Vaupel P. Thermal field formation during wIRa-hyperthermia: temperature measurements in skin and subcutis of piglets as a basis for thermotherapy of superficial tumors and local skin infections caused by thermosensitive microbial pathogens. *International Journal of Hyperthermia* 2019; 36 (1) 938-952.

Piazena H, Müller W, Vaupel P. wIRa-heating of piglet skin and subcutis *in vivo*: proof of accordance with ESHO criteria for superficial hyperthermia. *International Journal of Hyperthermia* 2020; 37 (1) 887-896.

- Picetti E, Minardi F, Rossi S. How to manage fever in brain-injured patients. *Minerva Anestesiologica* 2020; 86 (1) 88-94.
- Picetti E, Oddo M, Prisco L, Helbok R, Taccone FS. A Survey on Fever Monitoring and Management in Patients with Acute Brain Injury: The SUMMA Study. *Journal of Neurosurgical Anesthesiology* 2019; 31 (4): 399-405.
- Piirsalu M, Taalberg E, Lilleväli K, Tian L, Zilmer M, Vasar E. Treatment With Lipopolysaccharide Induces Distinct Changes in Metabolite Profile and Body Weight in 129Sv and BI6 Mouse Strains. *Frontiers in Pharmacology* 2020; 11 art. no. 371.
- Pijls BG, Sanders IMJG, Kuijper EJ, Nelissen RGHH. Synergy between induction heating antibiotics and N-acetylcysteine eradicates *Staphylococcus aureus* from biofilm. *International Journal of Hyperthermia* 2020; 37 (1) 130-136.
- Pilch W, Czerwińska-Ledwig O, Chitrynewicz-Rostek J, Nastałek M, Krezałek P, Jedrychowska D, Totko-Borkusewicz, N, Uher I, Kaško D, Tota L, Tyka A, Tyka A, Piotrowska A. The Impact of Vibration Therapy Interventions on Skin Condition and Skin Temperature Changes in Young Women with Lipodystrophy: A Pilot Study. *Evidence-based Complementary and Alternative Medicine* 2019, art. no. 8436325.
- Piorkowska K, Waspe AC, Wang T, Mougenot C, Ryan G, Drake JM, Gerstle JT. Noninvasive ablation of rabbit fetal and placental tissue targets in utero using magnetic resonance-guided high-intensity focused ultrasound. *Prenatal Diagnosis* 2019; 39 (5): 394-402.
- Piquer-Garcia I, Cereijo R, Corral-Pérez J, Pellitero S, Martínez E, Taxerås SD, Tarascó J, Moreno P, Balibrea J, Puig-Domingo M, Serra D, Herrero L, Jiménez-Pavón D, Lerin C, Villarroya F, Sánchez-Infantes D. Use of Infrared Thermography to Estimate Brown Fat Activation After a Cooling Protocol in Patients with Severe Obesity That Underwent Bariatric Surgery. *Obesity Surgery* 2020; 30 (6) 2375-2381.
- Pires Bitencourt D, Alves Maia P, Cauduro Roscani R. The heat exposure risk to outdoor workers in Brazil. *Archives of Environmental and Occupational Health* 2020; 75 (5) 281-288.
- Piščević, B, Brdareski Z, Stepić, N, Djordjević, B, Vulović, D, Jovanović, M, Vulović, D. The impact of breast augmentation on the skin temperature of the breast. *Vojnosanitetski Pregled* 2019; 76 (5): 518-523.
- Pitkänen M, Kaikkonen O, Koskelainen A. In vivo monitoring of mouse retinal temperature by ERG photoresponses. *Experimental Eye Research* 2019; 187, art. no. 107675
- Plaksin SA, Farshatova LI, Analysis of endothelial dysfunction in the context of pleural effusions of various origins using skin thermometry. *Khirurgija* 2020; (12) 59-63.
- Plekhanov AN, Bezhnar VF, Epifanova TA, Bezhnar FV, Shishkina YS, Tatarova NA. Tissue thermometric characteristics in the intervention area during electrosurgical vaginal hysterectomy, Akusherstvo i Ginekologiya (Russian Federation) 2020 (5) 98-104.
- Podlasin RB, Kowalska JD, Pihowicz A, Wojtycha-Kwaśnica B, Thompson M, Dyda T, Czeszko-Paprocka H, Horban A. How to follow-up a patient who received tocilizumab in severe COVID-19: A case report, *European Journal of Medical Research* 2020; 25 (1) art. no. 37.
- Podolak Bł, Nowicka A, Woźniak K, Szyszka-Sommerfeld L, Dura Wł, Borawski M, Dembowska E, Lipski M. Root Surface Temperature Increases during Root Canal Filling in Vitro with Nd:YAG Laser-Softened Gutta-Percha. *Journal of Healthcare Engineering* 2020; art. no. 8828272.
- Podsiadło P, Darocha T, Kosiński S, Sanak T, Gałazkowski R. Body temperature measurement in ambulance: A challenge of 21-st century? *BMC Emergency Medicine* 2019; 19 (1), art. no. 44.
- Poerbaningtyas E, Dradjat RS, Endharti AT, Sakti SP, Widjajanto E, Yueniwati Y, Purnomo MH. Optimizing infrared camera resolution for small object detection using subpixel rendering and pifs in multiresolution image analysis. *Journal of Biomedical Physics and Engineering* 2020; 10 (3) 261-272.

Pohlan J, Kress W, Hermann K-G, Mews J, Kroes M, Hamm B, Diekhoff T. Computed tomography thermography for ablation zone prediction in microwave ablation and cryoablation: Advantages and challenges in an ex vivo porcine liver model. *Journal of Computer Assisted Tomography* 2020; 44 (5) 744-749.

Pokhrel B, Daha SK, Shrestha N, Kumar Sah P, Khanal N. Massive gastrointestinal bleeding masquerading coagulopathy in acute viral hepatitis: A case report. *Journal of the Nepal Medical Association* 2020; 58 (226) 419-422.

Pokorna J, Balintova Z, Bernard V, Staffa E, Oslejskowa H, Morstein V. Infrared Thermography: A New Approach For Examination Of Brachial Plexus Injury. *Thermology international* 2019, 29(2) 81-82

Pokorná, J, Staffa E, Čan V, Bernard V, Mornstein V, Farkašová, M, Zetelolová, A, Kala Z. Intestinal resection of a porcine model under thermographic monitoring. *Physiological Measurement* 2019; 40 (1), art. no. 014003

Pokrajac N, Snyder BK. A Large Discrepancy between Oral versus Rectal Temperatures as an Early Warning Sign in a Patient with Acute Infrarenal Aortic Occlusion. *Journal of Emergency Medicine* 2020; 58 (4) e197-e200.

Pollard A, Jones T, Sherratt S, Sharpe RA. Use of simple telemetry to reduce the health impacts of fuel poverty and living in cold homes. *International Journal of Environmental Research and Public Health* 2019; 16 (16), art. no. 2853

Polwiang S. The time series seasonal patterns of dengue fever and associated weather variables in Bangkok (2003-2017). *BMC Infectious Diseases* 2020; 20 (1) art. no. 208.

Ponticorvo A, Rowland R, Baldado M, Burmeister DM, Christy RJ, Bernal NP, Durkin AJ. Evaluating clinical observation versus Spatial Frequency Domain Imaging (SFDI), Laser Speckle Imaging (LSI) and thermal imaging for the assessment of burn depth. *Burns* 2019; 45 (2): 450-460.

Poon YC, Choy CY, Bundele MM, Sadarangani SP. Photo quiz: A 55-year-old-man with rectal bleeding and a rectal mass. *Journal of Clinical Microbiology* 2020; 58 (5) art. no. e02003-18.

Poorman ME, Braškuté, I, Bartels LW, Grissom WA. Multi-echo MR thermometry using iterative separation of baseline water and fat images. *Magnetic Resonance in Medicine* 2019; 81 (4): 2385-2398.

Portaluri M, Bambace S, Tramacere F, Errico A, Carbone S, Portaluri T. Staff and Patient Protection in Radiation Oncology Departments During Coronavirus Disease 2019 (COVID-19) Pandemic, Advances in Radiation Oncology 2020; 5 (4) 628-630.

Portnoy J, Waller M, Elliott T, Telemedicine in the Era of COVID-19. *Journal of Allergy and Clinical Immunology: In Practice* 2020; 8 (5) 1489-1491.

Post A, den Deurwaarder ESG, Bakker SJL, de Haas RJ, van Meurs M, Gansevoort RT, Berger SP, Kidney Infarction in Patients With COVID-19. *American Journal of Kidney Diseases* 2020; 76 (3) 431-435.

Potter AW, Looney DP, Santee WR, Gonzalez JA, Welles AP, Srinivasan S, Castellani MP, Rioux TP, Hansen EO, Xu X. Validation of new method for predicting human skin temperatures during cold exposure: The Cold Weather Ensemble Decision Aid (CoWEDA). *Informatics in Medicine Unlocked* 2020; 18 art. no. 100301.

Prabha S. Thermal imaging techniques for breast screening-a survey. *Current Medical Imaging* 2020; 16 (7) 855-862.

Prada F, Kalani MYS, Yagmurlu K, Norat P, Del Bene M, DiMeco F, Kassell NF. Applications of Focused Ultrasound in Cerebrovascular Diseases and Brain Tumors. *Neurotherapeutics* 2019; 16 (1): 67-87.

Pradhan B, Kjellstrom T, Atar D, Sharma P, Kayastha B, Bhandari G, Pradhan PK. Heat Stress Impacts on Cardiac Mortality in Nepali Migrant Workers in Qatar. *Cardiology (Switzerland)* 2019; 143 (1): 37-48.

- Prasad B, Kim JK, Kim S. Role of simulations in the treatment planning of radiofrequency hyperthermia therapy in clinics. *Journal of Oncology* 2019; art. no. 9685476.
- Prasil P, Ryskova L, Plisek S, Bostik P. A rare case of purulent meningitis caused by Capnocytophaga canimorsus in the Czech Republic - Case report and review of the literature. *BMC Infectious Diseases* 2020; 20 (1) art. no. 100.
- Prescott HC. Identifying sepsis subtypes from routine clinical data. *American Journal of Respiratory and Critical Care Medicine* 2019; 200 (3): 272-273.
- Prevot AA, Wisner EL. Fever after influenza diphtheria-tetanus- acellular pertussis and pneumococcal vaccinations. *Pediatrics* 2020; 146 p, S379.
- Price KN, Thiede R, Shi VY, Curiel-Lewandrowski C. Strategic dermatology clinical operations during the coronavirus disease 2019 (COVID-19) pandemic. *Journal of the American Academy of Dermatology* 2020; 82 (6) e207-e209.
- Priego-Quesada JI, De la Fuente C, Kunzler MR, Perez-Soriano P, Hervás-Marín D, Carpes FP. Relationship between skin temperature electrical manifestations of muscle fatigue and exercise-induced delayed onset muscle soreness for dynamic contractions: A preliminary study. *International Journal of Environmental Research and Public Health* 2020; 17 (18) art. no. 6817 1-13.
- Priego-Quesada JI, Oficial-Casado F, Gandia-Soriano A, Carpes FP. A preliminary investigation about the observation of regional skin temperatures following cumulative training loads in triathletes during training camp. *Journal of Thermal Biology* 2019, 84, 431-438.
- Priego-Quesada JI, Pérez-Guarner A, Gandia-Soriano A, Oficial-Casado F, Galindo C, Cibrián Ortiz de Anda RM, Piñeiro-Ramos JD, Sánchez-Illana Á, Kuligowski J, Gomes Barbosa MA, Vento M, Palmer RS. Effect of a marathon on skin temperature response after a cold-stress test and its relationship with perceptive performance and oxidative-stress biomarkers. *International Journal of Sports Physiology and Performance* 2020; 15 (10) 1467-1475.
- Pürerfellner H, Deneke T. Esophageal Temperature Monitoring: The Faster the World Turns the Less Latency Will Be Acceptable. *JACC: Clinical Electrophysiology* 2019; 5 (11): 1289-1291.
- Purup MMØ, Knudsen K, Karlsson P, Terkelsen AJ, Borghammer P. Skin Temperature in Parkinson's Disease Measured by Infrared Thermography, *Parkinson's Disease* 2020; art. no. 2349469.
- Pyarali FF, Iordanov R, Palacio A, Tamariz L. Excess mortality risk from sepsis in patients with HIV – A meta-analysis. *Journal of Critical Care* 2020; 59 101-107.
- Qi H, Luo X, Zheng Y, Zhang H, Li J, Zou L, Feng L, Chen D, Shi Y, Tong C, Baker PN. Safe delivery for pregnancies affected by COVID-19. *BJOG: An International Journal of Obstetrics and Gynaecology* 2020; 127 (8) 927-929.
- Qian PC, Barry MA, Tran VT, Lu J, McEwan A, Thiagalingam A, Thomas SP. Irrigated Microwave Catheter Ablation Can Create Deep Ventricular Lesions through Epicardial Fat with Relative Sparing of Adjacent Coronary Arteries, *Circulation: Arrhythmia and Electrophysiology* 2020; 13 (5),
- Qian W, Shan J, Shen C, Yang R, Xie T, Di L. Brain metabolomics reveal the antipyretic effects of jixin oral liquid in young rats by using gas chromatography–mass spectrometry. *Metabolites* 2019; 9 (1).
- Qiao Y, Zou C, Cheng C, Tie C, Wan Q, Peng H, Liang D, Liu X, Zheng H. Simultaneous acoustic radiation force imaging and MR thermometry based on a coherent echo-shifted sequence, Quantitative Imaging in Medicine and Surgery 2020; 10 (9) 1823-1836.
- Qiu X-S, Li X-G, Chen Y-X. Pulsed electromagnetic field (PEMF): A potential adjuvant treatment for infected nonunion. *Medical Hypotheses* 2020; 136 art. no. 109506.
- Quaglino P, Fava P, Brizio M, Marra E, Rubatto M, Agostini A, Tonella L, Ribeiro S, Fierro MT. Metastatic melanoma treatment with checkpoint inhibitors in the COVID-19 era: experience from an Italian Skin Cancer Unit. *Journal of the European Academy of Dermatology and Venereology* 2020; 34 (7) 1395-1396.

Quah K, Poorman ME, Allen SP, Grissom WA. Simultaneous multislice MRI thermometry with a single coil using incoherent blipped-controlled aliasing. *Magnetic Resonance in Medicine* 2020; 83 (2) 479-491.

Quarto G, Miletta A, Furino E, Calemma F, De Palma GD, Benassai G. Outpatient vascular clinic management in COVID-19 pandemic. *Annali Italiani di Chirurgia* 2020; 91 (4) 345-351.

Quraishi SA, Berra L, Nozari A. Indoor temperature and relative humidity in hospitals: Workplace considerations during the novel coronavirus pandemic. *Occupational and Environmental Medicine* 2020; 77 (7) p. 508.

Rabbani MJ, Ilyas A, Rabbani A, Ul Abidin Z, Tarar MN. Accuracy of thermal imaging camera in identification of perforators. *Journal of the College of Physicians and Surgeons Pakistan* 2020; 30 (5) 512-515.

Raccuglia M, Heyde C, Lloyd A, Hodder S, Havenith G. The use of infrared thermal imaging to measure spatial and temporal sweat retention in clothing. *International Journal of Biometeorology* 2019, 63(7), 885-894

Radziejowska M, Radziejowski P, Rutkowska K. Effectiveness of chinese cupping massage during the initial stage of lipodystrophy (Case report). *Journal of Physical Education and Sport* 2020; 20 art. no. 300 2239-2245.

Rafiq T, Duren RM, Thorpe AK, Foster K, Patarsuk R, Miller CE, Hopkins FM. Attribution of methane point source emissions using airborne imaging spectroscopy and the Vista-California methane infrastructure dataset. *Environmental Research Letters* 2020; 15 (12) art. no. 124001.

Raiko J, Koskensalo K, Sainio T. Imaging-based internal body temperature measurements: The journal Temperature toolbox. *Temperature* 2020; 7 (4) 363-388.

Rajagopal MC, Brown JW, Gelda D, Valavala KV, Wang H, Llano DA, Gillette R, Sinha S. Transient heat release during induced mitochondrial proton uncoupling. *Communications Biology* 2019; 2 (1), art. no. 279.

Ramalho JFCB, Correia SFH, Fu L, António LLF, Brites CDS, André, PS, Ferreira RAS, Carlos LD. Luminescence Thermometry on the Route of the Mobile-Based Internet of Things (IoT): How Smart QR Codes Make It Real. *Advanced Science* 2019; 6 (19), art. no. 1900950

Ramani S, Kohar HT, Pratt O, Denon YE, Reed CM, Thomas P, Powell SE, Aidoo M. Stability testing of dried Plasmodium falciparum positive quality control samples for malaria rapid diagnostic tests in Liberia and Benin. *Malaria Journal* 2020; 19 (1) art. no. 288.

Ramos L, Bertani AL, Oltramari JD, Dhein W. Thermal behavior of the skin region of the wrist and finger extensor muscles during a typing task. *Revista Brasileira de Medicina do Trabalho* 2020; 18 (1) 74-81.

Ramtohul P, Comet A, Denis D. Optical Coherence Tomography Angiography Recovery Pattern of Acute Macular Neuroretinopathy. *JAMA Ophthalmology* 2020; 138 (2) 221-223.

Ramya Devi R, Anandhamala GS. Analysis of Breast Thermograms Using Asymmetry in Infra-Mammary Curves. *Journal of Medical Systems* 2019; 43 (6), art. no. 146.

Ranosz-Janicka I, Lis-Święty A, Skrzypek-Salamon A, Brzezińska-Wcisło L. Detecting and quantifying activity/inflammation in localized scleroderma with thermal imaging. *Skin Research and Technology* 2019; 25 (2): 118-123.

Rashidi A, Abtahi SMM, Saeedzadeh E, Akbari ME. A new formulation of polymer gel dosimeter with reduced toxicity: Dosimetric characteristics and radiological properties, *Zeitschrift fur Medizinische Physik* 2020; 30 (3) 185-193.

Rashmi R, Snehalatha U. Evaluation of body composition parameters using various diagnostic methods: A metaanalysis study. *Obesity Medicine* 2019; 16, art. no. 100150

- Rathi S, Patel D, Shah S. Physicochemical characterization and in-vitro dissolution behavior of artemether and lumefantrine: Hydroxypropyl-B-cyclodextrin inclusion complex. Research Journal of Pharmacy and Technology 2020; 13 (3) 1137-1141.
- Rathjen NA, Shahbodaghi SD, Brown JA. Hypothermia and Cold Weather Injuries. American family physician 2019; 100 (11): 680-686.
- Ratko M, Habek N, Kordić M, Dugandžić A. The use of infrared technology as a novel approach for studies with female laboratory animals. Croatian Medical Journal 2020; 61 (4) 346-353.
- Raturi M, Kusum A. The active role of a blood center in outpacing the transfusion transmission of COVID-19. Transfusion Clinique et Biologique 2020; 27 (2) 96-97.
- Raupov RK, Kostik MM, Juvenile localized scleroderma, Questions of treatment. Voprosy Sovremennoi Pediatrii - Current Pediatrics 2020; 19 (3) 228-234.
- Ravi VM, Sharma AK, Arunachalam K. Pre-Clinical Testing of Microwave Radiometer and a Pilot Study on the Screening Inflammation of Knee Joints. Bioelectromagnetics 2019; 40 (6): 402-411
- Reddy VY, Grimaldi M, De Potter T, Vijgen JM, Bulava A, Duytschaever MF, Martinek M, Natale A, Knecht S, Neuzil P, Pürerfellner H. Pulmonary Vein Isolation With Very High Power Short Duration Temperature-Controlled Lesions: The QDOT-FAST Trial. JACC: Clinical Electrophysiology 2019; 5 (7): 778-786.
- Renaud-Picard B, Gallais F, Riou M, Zouzou A, Porzio M, Kessler R. Delayed pulmonary abscess following COVID-19 pneumonia: A case report. Respiratory Medicine and Research 2020; 78 art. no. 100776.
- Rendón-Medina MA, Rendón-Pimentel MA, Palacios-Juárez J. The accuracy of an automatic free flap temperature monitor: a proof-of-concept study, European Journal of Plastic Surgery 2020; 43 (2) 185-188.
- Reymond B, Huette P, Roger P-A, Tredez, E, Gagneur O, Sanguin S, Guihéneuf R, Dupont H, Mahjoub Y, Abou Arab O. Fatal Fusobacterium necrophorum infection with gynecological Lemierre's syndrome. Medecine et Maladies Infectieuses 2019; 49 (1): 72-74.
- Reza G, Fatemeh H. Covid-19 and Iran: Swimming with hands tied! Swiss Medical Weekly 2020; 150 (15-16) art. no. w20242.
- Rezaei M, Rampazzo A, Bassiri Gharb B. Machine preservation of extremities. Artificial Organs 2020; 44 (4) 361-366.
- Rezgui N, Simić D, Boulahbal C, Micković D. Fullerene-like nanoparticles of WS₂ as a promising protection from erosive wear of gun bore nozzles. Current Nanoscience 2020; 16 (1) 62-70.
- Rezvanifar SC, Conklin S, Davis BL. Experimental thermal analysis of a novel prosthetic socket along with silicone and PCM liners. Journal of Biomechanics 2020; 104 art. no. 109788.
- Riera J, Argudo E, Ruiz-Rodríguez JC, Rodríguez-Lecoq R, Ferrer R. Full neurological recovery 6 h after cardiac arrest due to accidental hypothermia, The Lancet 2020; 395 (10236) p, e89.
- Rigante D, Stellacci E, Leoni C, Onesimo R, Radio FC, Pizzi S, Giorgio V, Tornesello A, Tartaglia M, Zampino G. Biallelic TRNT1 variants in a child with B cell immunodeficiency periodic fever and developmental delay without sideroblastic anemia (SIFD variant). Immunology Letters 2020; 225 64-65.
- Riguetto CM, Minicucci WJ, Neto AM, Tambascia MA, Zantut-Wittmann DE. Value of Infrared Thermography Camera Attached to a Smartphone for Evaluation and Follow-up of Patients with Graves' Ophthalmopathy. International Journal of Endocrinology 2019, art. no. 7065713.
- Riphagen S, Gomez X, Gonzalez-Martinez C, Wilkinson N, Theocharis P. Hyperinflammatory shock in children during COVID-19 pandemic. The Lancet 2020; 395 (10237) 1607-1608.
- Rippa M, Ambrosone A, Leone A, Mormile P. Active thermography for real time monitoring of UV-B plant interactions. Journal of Photochemistry and Photobiology B: Biology 2020; 208 art. no. 111900.

- Riquet D, Houel N, Bodnar J-L. Effect of osteopathic treatment on a scar assessed by thermal infrared camera pilot study. *Complementary Therapies in Medicine* 2019; 45: 130-135.
- Rivero M, Alonso J, Ramón MF, Gonzales N, Pozo A, Marín I, Navascués A, Juanbeltz, R. Infections due to Cellulosimicrobium species: Case report and literature review. *BMC Infectious Diseases* 2019; 19 (1), art. no. 816.
- Robatto M, Pavie MC, Garcia I, Menezes MP, Bastos M, Leite HJD, Noites A, Lordelo P. Ultraviolet A/blue light-emitting diode therapy for vulvovaginal candidiasis: a case presentation. *Lasers in Medical Science* 2019; 34 (9): 1819-1827.
- Robertson J, Squire M, Becker S. Circulation Cooling in Continuous Skin Sonoporation at Constant Coupling Fluid Temperatures, *Ultrasound in Medicine and Biology* 2020; 46 (1) 137-148.
- Robinson LJ, Law J, Astle V, Gutiérrez-García M, Ojha S, Symonds ME, Pitchford N, Budge H. Sexual Dimorphism of Brown Adipose Tissue Function. *Journal of Pediatrics* 2019; 210: 166-172.e1.
- Rodrigues HF, Capistrano G, Bakuzis AF. In vivo magnetic nanoparticle hyperthermia: a review on preclinical studies low-field nano-heaters non-invasive thermometry and computer simulations for treatment planning. *International Journal of Hyperthermia* 2020; 37 (3) 76-99.
- Rodriguez-Palacios A, Conger M, Cominelli F. Germ-Free Mice Under Two-Layer Textiles Are Fully Protected From Bacteria in Sprayed Microdroplets: A Functional in vivo Test Method of Facemask/Filtration Materials. *Frontiers in Medicine* 2020; 7 art. no. 504.
- Rodriguez-Sanz, D, Losa-Iglesias ME, Becerro-de-Bengoa-Vallejo R, Dorgham HAA, Benito-de-Pedro M, San-Antolín M, Mazoteras-Pardo V, Calvo-Lobo C. Thermography related to electromyography in runners with functional equinus condition after running. *Physical Therapy in Sport* 2019; 40: 193-196.
- Roesch P, Vogel C, Simon F-G. Reductive defluorination and mechanochemical decomposition of per- and polyfluoroalkyl substances (PFASs): From present knowledge to future remediation concepts. *International Journal of Environmental Research and Public Health* 2020; 17 (19) art. no. 7242 1-22.
- Rogers AJ, Nguyen DT. Letter in reply: Continuous radiofrequency ablation in scar-based arrhythmia substrate. *Journal of Cardiovascular Electrophysiology* 2020; 31 (7) p, 1892.
- Roh CK, Choi S, Seo WJ, Cho M, Son T, Kim H-I, Hyung WJ. Indocyanine green fluorescence lymphography during gastrectomy after initial endoscopic submucosal dissection for early gastric cancer. *British Journal of Surgery* 2020; 107 (6) 712-719.
- Rokidi S, Bravenboer N, Gamsjaeger S, Chavassieux P, Zwerina J, Paschalidis E, Papapoulos S, Appelman-Dijkstra N. Impact microindentation measurements correlate with cortical bone material properties measured by Fourier transform infrared imaging in humans. *Bone* 2020; 137 art. no. 115437.
- Roma K, Baldwin M, Sedmak D, Silva M, Stellar W, Many G. Late stage diagnosis of mucinous adenocarcinoma of the appendix: A case report of an unusual tumor with a rare presentation. *BMC Gastroenterology* 2020; 20 (1) art. no. 281.
- Romansky R, Naydenov E, Komitski S. A rare case of parietal skull fibrosarcoma: Reconstruction with free myocutaneous flap and infrared thermography monitoring. *Journal of Neurological Surgery Part A: Central European Neurosurgery* 2019; 80 (5): 387-390.
- Roossien CC, Heus R, Reneman MF, Verkerke GJ. Monitoring core temperature of firefighters to validate a wearable non-invasive core thermometer in different types of protective clothing: Concurrent in-vivo validation, *Applied Ergonomics* 2020; 83 art. no. 103001.
- Rosenberg T, Kisliouk T, Cramer T, Shinder D, Druyan S, Meiri N. Embryonic Heat Conditioning Induces TET-Dependent Cross-Tolerance to Hypothalamic Inflammation Later in Life, *Frontiers in Genetics* 2020; 11 art. no. 767.
- Ross JC, Saidu Y, Nzuobontane D, Voukings MZ, Embrey SR. Application of the remaining vaccine vial monitor life calculation to field temperature monitoring data to improve visibility into cold chain equipment performance. *Vaccine* 2020; 38 (48) 7683-7687.

- Roundy CS, Lin DC, Klopping PJ, Ence AT, Krezel AC, Genzen JR. Specimen Temperature Detection on a Clinical Laboratory Pre-Analytic Automation Track: Implications for Direct-from-Track Total Laboratory Automation (TLA) Systems. *SLAS Technology* 2020; 25 (3) 293-299.
- Rovner MS, Redding AT, Wolf BJ, Wharton JA, Risely CJ, Furse CM. Detection of subclinical Harlequin syndrome in pediatric patients, *Paediatric Anaesthesia* 2020; 30 (5) 592-598.
- Roy J-P, Reagor J, Klein T, Morgan J, Palazzolo A, Ratcliff J, Goldstein SL. In Vitro Evaluation of Resistance and Warming Performance of a Small Blood Warmer on a Continuous Renal Replacement Therapy Circuit. *Therapeutic Apheresis and Dialysis* 2020; 24 (2) 197-201.
- Ruaro B, Nallino MG, Casabella A, Salton F, Confalonieri P, De Tanti A, Bruni C. Monitoring the microcirculation in the diagnosis and follow-up of systemic sclerosis patients: Focus on pulmonary and peripheral vascular manifestations, *Microcirculation* 2020; 27 (8) art. no. e12647.
- Ruaro B, Smith V, Sulli A, Pizzorni C, Tardito S, Patané M, Paolino S, Cutolo M. Innovations in the assessment of primary and secondary Raynaud's phenomenon. *Frontiers in Pharmacology* 2019; 10 (3), art. no. 360.
- Rubin R. In Hot Humid Weather Fans Benefit Health and Environment. *JAMA - Journal of the American Medical Association* 2019; 322 (14): 1340-1341.
- Rudolph JL, Halladay CW, Barber M, McConeghy KW, Mor V, Nanda A, Gravenstein S. Temperature in Nursing Home Residents Systematically Tested for SARS-CoV-2. *Journal of the American Medical Directors Association* 2020; 21 (7) 895-899.e1.
- Rusli N, Md Yusof H, Sidek SN, Ishak NI. GLCM correlation approach for blood vessel identification in thermal image. *2018 IEEE EMBS Conference on Biomedical Engineering and Sciences IECBES 2018 - Proceedings* 2019; art. no. 8626697: 112-116.
- Russell DG. Remission of anosmia in a patient receiving chiropractic care: A case report. *Explore* 2020; 16 (1) 50-55.
- Rutter H, Horton R, Marteau TM. The Lancet–Chatham House Commission on improving population health post COVID-19. *The Lancet* 2020; 396 (10245) 152-153.
- Ruytenberg T, Webb A, Zivkovic I. Shielded-coaxial-cable coils as receive and transceive array elements for 7T human MRI. *Magnetic Resonance in Medicine* 2020; 83 (3) 1135-1146.
- Rybka A, Gavel A, Pražák P, Meloun J, Pejchal J. Decontamination of CBRN units contaminated by highly contagious biological agents. *Epidemiologie Mikrobiologie Immunologie* 2019 (1): 40-45.
- Saag M, Mendoza DP, Sherman MS, Cote GM, Shih AR. Case 36-2019: A 34-year-old man with dyspnea odynophagia and abdominal pain. *New England Journal of Medicine* 2019; 381 (21): 2052-2061.
- Sadeghi-Tarakameh A, Adriany G, Metzger GJ, Lagore RL, Jungst S, DelaBarre L, Van de Moortele P-F, Ugurbil K, Atalar E, Eryaman Y. Improving radiofrequency power and specific absorption rate management with bumped transmit elements in ultra-high field MRI. *Magnetic Resonance in Medicine* 2020; 84 (6) 3485-3493.
- Sadek G, Santillan A, Gandy C, Safi N, Segal AZ. Cilioretinal artery occlusion in a patient with hereditary spherocytosis post-splenectomy. *Clinical Neurology and Neurosurgery* 2020; 196 art. no. 105992.
- Saednia K, Tabbarah S, Lagree A, Wu T, Klein J, Garcia E, Hall M, Chow E, Rakovitch E, Childs C, Sadeghi-Naini A, Tran WT. Quantitative Thermal Imaging Biomarkers to Detect Acute Skin Toxicity From Breast Radiation Therapy Using Supervised Machine Learning. *International Journal of Radiation Oncology Biology Physics* 2020; 106 (5) 1071-1083.
- Saemann L, Guo Y, Ding Q, Zhou P, Karck M, Szabó G, Wenzel F. Machine perfusion of circulatory determined death hearts: A scoping review. *Transplantation Reviews* 2020; 34 (3) art. no. 100551.

Safitri R, Purwanti T, Soeratri W. Effect of CaCl₂ crosslink solution concentration on the characteristics of gelatin alginate microspheres. Indian Journal of Forensic Medicine and Toxicology 2020; 14 (2) 1909-1915.

Saha BK, Chong WHH. Trimethoprim-induced hyponatremia mimicking SIADH in a patient with pulmonary nocardiosis: Use of point-of-care ultrasound in apparent euvolemic hypotonic hyponatremia. BMJ Case Reports 2020; 13 (8) art. no. e235558.

Said SA, Ordenaña CX, Rezaei M, Figueroa BA, Dasarathy S, Brunengraber H, Rampazzo A, Gharb BB. Ex-Vivo Normothermic Limb Perfusion with a Hemoglobin-Based Oxygen Carrier Perfusate, Military Medicine 2020; 185 110-120.

Saif M, Kwanten WJ, Carr JA, Chen IX, Posada JM, Srivastava A, Zhang J, Zheng Y, Pinter M, Chatterjee S, Softic S, Kahn CR, van Leyen K, Bruns OT, Jain RK, Bawendi MG, Non-invasive monitoring of chronic liver disease via near-infrared and shortwave-infrared imaging of endogenous lipofuscin. Nature Biomedical Engineering 2020; 4 (8) 801-813.

Saiki Y, Watanabe K, Ito K, Kanda K, Takahashi G, Hayatsu Y, Yoshioka I, Motoyoshi N, Kawatsu S, Adachi O, Akiyama M, Kumagai K, Kawamoto S. Differential selective hypothermic intercostal artery perfusion: a new method to probe spinal cord perfusion during thoracoabdominal aortic aneurysm repair. General Thoracic and Cardiovascular Surgery 2019; 67 (1): 180-186

Sakai T, Sato K, Kikuchi T, Obata M, Konuma Y. A radical approach to acute lymphoblastic leukemia treatment: A case study of a veterinarian specializing in livestock who developed disseminated mucormycosis during induction therapy. Internal Medicine 2020; 59 (2) 261-266.

Sakakibara S, Imamachi N, Sakakihara M, Katsume Y, Hattori M, Saito Y. Effects of an intrathecal TRPV1 antagonist SB366791, on morphine-induced itch body temperature and antinociception in mice. Journal of Pain Research 2019; 12: 2629-2636.

Salfer IJ, Harvatinne KJ. Night-restricted feeding of dairy cows modifies daily rhythms of feed intake milk synthesis and plasma metabolites compared with day-restricted feeding, British Journal of Nutrition 2020; 123 (8) 849-858.

Salman Lari SM, Mojra A, Rokni M. Simultaneous localization of multiple tumors from thermogram of tissue phantom by using a novel optimization algorithm inspired by hunting dogs. Computers in Biology and Medicine 2019; 112, art. no. 103377.

Samaniego-Rascón D, Gameiro da Silva MC, Ferreira AD, Cabanillas-Lopez, RE. Solar energy industry workers under climate change: A risk assessment of the level of heat stress experienced by a worker based on measured data. Safety Science 2019; 118: 33-47.

Samimaghram HR, Hassani Azad M, Haddad M, Arabi M, Hooshyar D, KazemiJahromi M. The Efficacy of Famotidine in improvement of outcomes in Hospitalized COVID-19 Patients: A structured summary of a study protocol for a randomised controlled trial, Trials 2020; 21 (1) art. no. 848.

Sampaio CP, de Cerqueira CBS, de Lima Dantas JB, Peixoto Leite MM, Peixoto Medrado ARA. About the evolution of the thermographic profile in breast cancer - A case report. Thermology International 2020; 30 (3) 83-88.

Samson Isaac J, Kingston Stanley P, Vijay Daniel P, Pamela D. A novel instrumentation system for monitoring of foot ulcer. Research Journal of Pharmacy and Technology 2019; 12 (4): 1504-1506.

Sanader B, Grohmann R, Grötsch P, Schumann T, Toto S, Fernando P, Stübner S. Clozapine-Induced DRESS Syndrome: A Case Series from the AMSP Multicenter Drug Safety Surveillance Project. Pharmacopsychiatry 2019; 52 (3): 156-159.

Sancaktar ME, Bayraktar C, Bakırtaş M. Injury Mechanism of Button Batteries in the Nasal Cavity and Possible Mitigation Strategies During Impaction, Laryngoscope 2020; 130 (10) 2487-2493.

Sanchez-Alonso S, Ovejero S, Barrigon ML, Baca-Garcia E. Psychotic relapse from COVID-19 quarantine a case report, Psychiatry Research 2020; 290 art. no. 113114.

- Sánchez-Sánchez, M-L, Ruescas-Nicolau M-A, Carrasco JJ, Espí-López, G-V, Pérez-Alenda S. Cross-sectional study of quadriceps properties and postural stability in patients with chronic stroke and limited vs. non-limited community ambulation. *Topics in Stroke Rehabilitation* 2019; 26 (7): 503-510.
- Sanchis-Sanchis R, Priego-Quesada JI, Ribas-Garcia V, Carpes FP, Encarnacion-Martinez A, Perez-Soriano P. Effects of asymmetrical exercise demands on the symmetry of skin temperature in archers. *Physiological Measurement* 2020; 41 (11) art. no. 114002.
- Sandage MJ, Patel R. Passive Upper Airway Thermoregulation and High-Speed Assessment for Conventional versus Menthol Cigarette: Implications for Laryngeal Physiology. *Journal of Voice* 2020; 34 (1) 25-32.
- Saniour I, Verret J-M, Rabrait-Lerman C, Pilleul F, Beuf O. Feasibility and characterization of a safe susceptibility-matched endorectal coil for MR spectroscopy. *NMR in Biomedicine* 2020; 33 (11) art. no. e4384.
- Sano A, Ono Y, Fujita N, Tanaka Y. Diabetes-Associated necrotizing fasciitis of the foot. *Internal Medicine* 2020; 59 (21) 2805-2806.
- Sano F, Washio T, Matsumae M. Measurements of specific heat capacities required to build computer simulation models for laser thermotherapy of brain lesions. *Tokai Journal of Experimental and Clinical Medicine* 2019; 44 (4): 80-84.
- Santin G, Da Silva MMM, Villarreal VA, Laste LDD, De Freitas Montin E, Betiol LER, Azevedo VF. Home storage of biological medications administered to patients with rheumatic diseases, *Advances in Rheumatology* 2020; 60 (1) art. no. 30.
- Sarairah SY, Woodbury B, Methachittiphan N, Tregoning DM, Sridhar AR, Akoum N. Esophageal Thermal Injury Following Cryoballoon Ablation for Atrial Fibrillation, *JACC: Clinical Electrophysiology* 2020; 6 (3) 262-268.
- Sasani N, Roghanian R, Emtiazzi G, Jalali SM, Nikougoftar Zarif M, Aghaie A. Design and introduction of a rational mechanical eluting system for leukocyte recovery from leukoreduction filters: A cell differential approach. *Transfusion Clinique et Biologique* 2020; 27 (3) 172-178.
- Sastre JA, Pascual MJ, López, T. Evaluation of the novel non-invasive zero-heat-flux Tcore™ thermometer in cardiac surgical patients. *Journal of Clinical Monitoring and Computing* 2019; 33 (1): 165-172.
- Sato H, Kawasaki N, Kawasaki M, Abiko Y, Meguro T, Takahashi N, Izumino H, Kanno M, Numakura C, Sasaki A, Imamura T, Taki T, Mitsui T, Three Consecutive Cases of Familial Hemophagocytic Lymphohistiocytosis including a Case Due to Maternal Uniparental Disomy. *Journal of Pediatric Hematology/Oncology* 2020; 42 (8) e819-e821.
- Sato T, Yasuhara T, Fukumoto M, Mimura M, Kobayashi T, Kida T, Kojima S, Oku H, Ikeda T. Investigation of scleral thermal injuries caused by ultrasonic pars plana phacoemulsification and aspiration using pig eyes. *International Ophthalmology* 2019; 39 (9): 2015-2021.
- Saulsberry L, Pace LE, Keating NL. The Impact of Breast Density Notification Laws on Supplemental Breast Imaging and Breast Biopsy. *Journal of General Internal Medicine* 2019; 34 (8): 1441-1451.
- Saxena A, Ng EYK, Lim ST. Active dynamic thermography to detect the presence of stenosis in the carotid artery, *Computers in Biology and Medicine* 2020; 120 art. no. 103718.
- Saxena A, Ng EYK, Lim ST. Imaging modalities to diagnose carotid artery stenosis: Progress and prospect. *BioMedical Engineering Online* 2019; 18 (1), art. no. 66.
- Saxena A, Ng EYK, Lim ST. Infrared (IR) thermography as a potential screening modality for carotid artery stenosis. *Computers in Biology and Medicine* 2019; 113, art. no. 103419
- Saxena A, Saha V, Ng EYK. Skin temperature maps as a measure of carotid artery stenosis, *Computers in Biology and Medicine* 2020; 116 art. no. 103548.
- Saxena K, Vu K, Nye HE. A 54-Year-Old Man with Pancytopenia. *JAMA - Journal of the American Medical Association* 2019; 321 (9): 895-896.

- Saxena K, Vu K, Nye HE. A 54-Year-Old Man with Pancytopenia. *JAMA - Journal of the American Medical Association* 2019; 321 (9): 895-896.
- Say B, Ergün U, Turgal E, Yardımcı İ. Cold effect in median nerve conductions in clinical carpal tunnel syndrome with normal nerve conduction studies. *Journal of Clinical Neuroscience* 2019; 61: 102-105.
- Saygin D, Highland KB, Tonelli AR. Microvascular involvement in systemic sclerosis and systemic lupus erythematosus. *Microcirculation* 2019; 26 (3), art. no. e12440.
- Sbrana F, Dal Pino B, Bigazzi F, Pianelli M, Luciani R, Sampietro T. COVID-19 swab collection and serological screening in lipoprotein apheresis unit. *Journal of Clinical Apheresis* 2020; 35 (4) 382-383.
- Scaldaferri F, Pugliese D, Privitera G, Onali S, Lopetuso LR, Rizzatti G, Settanni CR, Pizzoferrato M, Schiavoni E, Turchini L, Amatucci V, Napolitano D, Bernabei T, Mora V, Laterza L, Papa A, Guidi L, Rapaccini GL, Gasbarrini A, Armuzzi A. Impact of COVID-19 pandemic on the daily management of biotechnological therapy in inflammatory bowel disease patients: Reorganisational response in a high-volume Italian inflammatory bowel disease centre, *United European Gastroenterology Journal* 2020; 8 (7) 775-781.
- Scaradavou A, Avecilla ST, Tonon J, Politikos I, Horwitz ME, Kurtzberg J, Milano F, Barker JN. American Society for Transplantation and Cellular Therapy Cord Blood Special Interest Group Guidelines for Cord Blood Unit Thaw and Infusion. *Biology of Blood and Marrow Transplantation* 2020; 26 (10) 1780-1783.
- Scarano A, Lorusso F, Di Cerbo A, Lucchina AG, Carinci F. Eradication of hairy mouth after oncological resection of the tongue and floor mouth using a diode laser 808 nm. Postoperative pain assessment using thermal infrared imaging. *Lasers in Surgery and Medicine* 2019; 51 (6): 516-521.
- Scarano A, Petrini M, Inchincolo F, Lorusso F, Amuso D. A new technique for the treatment of nasal telangiectasia using atmospheric plasma (voltaic arc dermabrasion): Postoperative pain assessment by thermal infrared imaging. *Journal of Cosmetic Dermatology* 2020; 19 (11) 2912-2918.
- Scarano A, Carinci F, Candoni V, Lorusso F. Eradication of Benign Skin Lesions of the Face by Voltaic Arc Dermabrasion (Atmospheric Plasma): Postoperative Pain Assessment by Thermal Infrared Imaging. *Aesthetic Plastic Surgery* 2020; 44 (6) 2277-2285.
- Scarano A, Inchincolo F, Lorusso F. Facial skin temperature and discomfort when wearing protective face masks: Thermal infrared imaging evaluation and hands moving the mask. *International Journal of Environmental Research and Public Health* 2020; 17 (13) art. no. 4624 1-9.
- Schager A, Zauner G, Mayr G, Burgholzer P. Extension of the thermographic signal reconstruction technique for an automated segmentation and depth estimation of subsurface defects. *Journal of Imaging* 2020; 6 (9) art. no. 96.
- Scheidt S, Rüwald J, Schildberg FA, Mahlein AK, Seuser A, Wirtz DC, Jacobs C. A Systematic Review on the Value of Infrared Thermography in the Early Detection of Periprosthetic Joint Infections. *Zeitschrift für Orthopädie und Unfallchirurgie* 2020; 158 (4) 397-405.
- Scheidt S, Rüwald J, Schildberg FA, Mahlein AK, Seuser A, Wirtz DC, Jacobs C. A Systematic Review on the Value of Infrared Thermography in the Early Detection of Periprosthetic Joint Infections. *Z Orthop Unfall*. 2019 Sep 16.
- Scheler M, Lehrnbecher T, Groll AH, Volland R, Laws H-J, Ammann RA, Agyeman P, Attarbaschi A, Lux M, Simon A. Management of children with fever and neutropenia: results of a survey in 51 pediatric cancer centers in Germany Austria and Switzerland. *Infection* 2020; 48 (4) 607-618.
- Schley G, Grampp S, Goppelt-Struebe M. Inhibition of oxygen-sensing prolyl hydroxylases increases lipid accumulation in human primary tubular epithelial cells without inducing ER stress. *Cell and Tissue Research* 2020; 381 (1) 125-140.
- Schmeling D, Bosbach J. Influence of shape and heat release of thermal passenger manikins on the performance of displacement ventilation in a train compartment. *Indoor and Built Environment* 2020; 29 (6) 835-850.

Schneider KL, Crews RT, Subramanian V, Moxley E, Hwang S, DiLiberto FE, Aylward L, Bean J, Yalla S. Feasibility of a Low-Intensity Technology-Based Intervention for Increasing Physical Activity in Adults at Risk for a Diabetic Foot Ulcer: A Mixed-Methods Study. *Journal of Diabetes Science and Technology* 2019; 13 (5) 857-868.

Sciascia S, Cecchi I, Massara C, Rossi D, Radin M, Ladehesa PL, Guiñazu F, Rubini E, Foddai SG, Alba P, Escudero A, Menegatti E, Roccatello D. Thermography in systemic sclerosis patients and other rheumatic diseases: Diagnosis disease activity assessment and therapeutic monitoring, *Autoimmunity Reviews* 2020; 19 (2) art. no. 102449.

Scott IA, Coiera EW. Can AI help in the fight against COVID-19? *Medical Journal of Australia* 2020; 213 (10) 439-441.e2.

Seasons GM, Mazerolle EL, Sankar T, Martino D, Kiss ZHT, Pichardo S, Pike GB. Predicting high-intensity focused ultrasound thalamotomy lesions using 2D magnetic resonance thermometry and 3D Gaussian modeling. *Medical Physics* 2019; 46 (12): 5722-5732.

Sebastian AP, Dasgupta R, Jebasingh F, Saravanan B, Chandy B, Mahata KM, Naik D, Paul T, Thomas N. Clinical features radiological characteristics and offloading modalities in stage 0 Acute Charcot's neuroarthropathy - A single centre experience from South India. *Diabetes and Metabolic Syndrome: Clinical Research and Reviews* 2019; 13 (2): 1081-1085.

Sebeke L, Deenen DA, Maljaars E, Heijman E, de Jager B, Heemels WPMH, Grüll H. Model predictive control for MR-HIFU-mediated uniform hyperthermia. *International Journal of Hyperthermia* 2019; 36 (1): 1040-1050.

Sebeke LC, Rademann P, Maul AC, Schubert-Quecke C, Annecke T, Yeo SY, Castillo-Gómez JD, Schmidt P, Grüll H, Heijman E. Feasibility study of MR-guided pancreas ablation using high-intensity focused ultrasound in a healthy swine model. *International Journal of Hyperthermia* 2020; 37 (1) 786-798.

Šegulja S, Ružić A, Dujmić D, Baždarić K, Roganović J. Simple predictors of the re-occurrence of severe febrile neutropenia episode: a single-center retrospective cohort study in pediatric patients with malignant diseases. *Croatian Medical Journal*, 2019, 60(1), 20-25.

Seimetz M, Peñas J, Llerena JJ, Benlliure J, García López J, Millán-Callado MA, Benlloch JM. PAD nuclear track detector for ion spectroscopy in laser-plasma acceleration. *Physica Medica* 2020; 76 72-76.

Seixas A, Ammer K, Utility of infrared thermography when monitoring autonomic activity. *European Journal of Applied Physiology* 2019, 119(6) 1455-1457

Seixas A, Pimenta I, Ammer K, Carvalho R, Villas-Boas JP, Mendes J, Vardasca R. Inter-rater and intra-rater repeatability of the placement of regions of interest based in anatomical landmarks. *Thermology international* 2019, 29(2) 66-67

Seixas A, Soares M, Rodrigues S. Exploring the association between pressure pain threshold and skin temperature in the upper trapezius of healthy subjects. *Thermology International* 29 (3): 103-107.

Seixas A, Villas-Boas MDC, Carvalho R, Coelho T, Ammer K, Villas-Boas JP, Mendes J, Cunha JPS, Vardasca R. Skin temperature of the foot: comparing transthyretin Familial Amyloid Polyneuropathy and Diabetic Foot patients. *Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization* 2019; 7 (5-6): 504-511.

Seixas A. Stockings running and thermal imaging. *Thermology International* 29 (1): 5-6.

Sekandarzad A, Udi J, Waller CF, Bode C, Biever P. Extracorporeal Membrane Oxygenation Support as a Bridge to Recovery during Chemotherapy in a Young Patient with Metastatic Choriocarcinoma and Severe Acute Respiratory Distress Syndrome, *Oncology Research and Treatment* 2020; 43 (10) 559-564.

Seki H, Fujiwara T, Hijikata W, Murashige T, Maruyama T, Yokota S, Ogata A, Ouchi K, Mizuno T, Arai H. Verification of a thrombus induction method at the target point inside the blood pump using a fibrinogen coating for a thrombus detection study. *Artificial Organs* 2020; 44 (9) 968-975.

- Selvarani A, Suresh GR. Infrared Thermal Imaging for Diabetes Detection and Measurement. *Journal of Medical Systems* 2019; 43 (2), art. no. 23
- Sengul T, Guven B, Ocakci AF, Kaya N. Response to a Letter to the Editor regarding "Connectors as a risk factor for blood-associated infections (3-way stopcock and needless connector): A randomized-experimental study". *American Journal of Infection Control* 2020; 48 (3) 350-351.
- Senneville É, Lipsky BA, Abbas ZG, Aragón-Sánchez J, Diggle M, Embil JM, Kono S, Lavery LA, Malone M, van Asten SA, Urbančič-Rovan V, Peters EJG. Diagnosis of infection in the foot in diabetes: a systematic review. *Diabetes/Metabolism Research and Reviews* 2020; 36 (S1) art. no. e3281.
- Setyawan D, Paramanandana A, Erfadrian VE, Sari R, Paramita DP. Compression force effect on characteristics of loratadine-succinic acid cocrystal prepared by slurry method. *Journal of Research in Pharmacy* 2020; 24 (3) 410-415.
- Sevta S, Ramanjaneyulu PS, Kulkarni AS, Kumar MP, Saxena MK, Singh RN. Studies on diffusion of hydrogen in PWR clad material. *Journal of Radioanalytical and Nuclear Chemistry* 2020; 324 (2) 921-927.
- Sexton-Oates NK, Stewardsonid AJ, Yerramilli A, Johnson PDR. Does skin surface temperature variation account for buruli ulcer lesion distribution? *PLoS Neglected Tropical Diseases* 2020; 14 (4) art. no. e0007732 1-14.
- Sha M, Utkin YA, Tushavina OV, Pronina PF. Experimental studies of heat and mass transfer from tip models made of carbon-carbon composite material (CCCM) under conditions of high-intensity thermal load. *Periodico Tche Quimica* 2020; 17 (35) 988-997.
- Shah AH, Burks JD, Buttrick SS, Debs L, Ivan ME, Komotar RJ. Laser Interstitial Thermal Therapy as a Primary Treatment for Deep Inaccessible Gliomas. *Clinical Neurosurgery* 2019; 84 (3): 768-777.
- Shaikh S, Akhter N, Manza, R. Current Trends in the Application of Thermal Imaging in Medical Condition Analysis. *International Journal of Innovative Technology and Exploring Engineering (IJITEE)* 2019, 8(8) 2708-2712
- Shakouri E, Ghorbani Nezhad M, Ghorbani P, Khosravi-Nejad F. Investigation of thermal aspects of high-speed drilling of bone by theoretical and experimental approaches. *Physical and Engineering Sciences in Medicine* 2020; 43 (3) 959-972.
- Shanmugam S, Govindasamy G, Susikar S, Palaniyandi M. Thermo mammogram as a tool to assess response to neoadjuvant chemotherapy in breast carcinoma. *Indian Journal of Medical and Paediatric Oncology* 2019; 40 (5): S25-S32.
- Sharif-Askary B, Vernon R, Broadwater G, Lane WO, Pomann G-M, Hollenbeck ST. Subjective and objective evaluation of breast temperature following post-mastectomy reconstruction. *Breast Journal* 2020; 26 (3) 571-573.
- Shariff EM, Sudden-onset Encephalopathy: Do not ignore the Possibility of Hashimoto's Encephalopathy. *Neurology India* 2020; 68 (3) 681-683.
- Sharma A, Özayral S, Caserto JS, ten Cate R, Anders NM, Barnett JD, Kandala SK, Henderson E, Stewart J, Liapi E, Rudek MA, Franken NAP, Oei AL, Korangath P, Bunz, F, Ivkov R. Increased uptake of doxorubicin by cells undergoing heat stress does not explain its synergistic cytotoxicity with hyperthermia. *International Journal of Hyperthermia* 2019; 36 (1) 712-720.
- Sharma AA, Nenert R, Mueller C, Maudsley AA, Younger JW, Szaflarski JP. Repeatability and Reproducibility of in-vivo Brain Temperature Measurements, *Frontiers in Human Neuroscience* 2020; 14 art. no. 598435.
- Sharma AA, Szaflarski JP. In Vivo Imaging of Neuroinflammatory Targets in Treatment-Resistant Epilepsy. *Current Neurology and Neuroscience Reports* 2020; 20 (4) art. no. 5.

- Sharma M, Morgan V, Siddadiah M, Songara D, Bhawsar RD, Srivastava A. Impact of a Novel Hypothermia Alert Device on Death of Low Birthweight Babies at Four Weeks: A Non-randomized Controlled Community-based Trial. *Indian Pediatrics* 2020; 57 (4) 305-309.
- Sharma N, Bhat S, Ravi D, Ochieng P. Severe hypothermia bradycardia and cardiac arrest in association with risperidone, *BMJ Case Reports* 2020; 13 (5) art. no. e234999.
- Sheldon RR, Loughren MJ, Marenco CW, Winters JR, Bingham JR, Martin MJ, Eckert MJ, Burney RO. Microdermal Implants Show No Effect on Surrounding Tissue During Surgery With Electrocautery. *Journal of Surgical Research* 2019; 241: 72-77.
- Shen Q-H, Li H-F, Zhou X, Lu Y, Yuan X-Z. 5-HT 3 receptor antagonists for the prevention of perioperative shivering undergoing spinal anaesthesia: A systematic review and meta-Analysis of randomised controlled trials. *BMJ Open* 2020; 10 (10) art. no. e038293.
- Sheth RA, Wen X, Li J, Melancon MP, Ji X, Andrew Wang Y, Hsiao C-H, Chow DS-L, Whitley EM, Li C, Gupta S. Doxorubicin-loaded hollow gold nanospheres for dual photothermal ablation and chemoembolization therapy. *Cancer Nanotechnology* 2020; 11 (1) art. no. 6.
- Shetti AN, Singla B. Correlation of nasopharyngeal temperature with transcutaneous carotid artery temperature of adult patients under general anesthesia in rural tertiary care hospital. *Anaesthesia Pain and Intensive Care* 2020; 24 (3) 302-307.
- Shi D, Zhang L-Y, Li H-X. Diagnostic test accuracy of new generation tympanic thermometry in children under different cutoffs: A systematic review and meta-analysis. *BMC Pediatrics* 2020; 20 (1) art. no. 210.
- Shi H-Z, Yan X-L, Guo Q-S, Wang Y, Yang P-F, Zhao T, Liu L. Effects of light intensity on cleaning away heat property of Viola yedoensis. *Zhongguo Zhongyao Zazhi* 2020; 45 (16) 3812-3818.
- Shi Q, Wang L, Chu X, Li T, Shi X, Xu M, Cheng L. The association between knee temperature and pain in patients with knee osteoarthritis: a pilot study. *Chronic Diseases Prevention Review* 2019, 9: 34-40
- Shibukawa S, Niwa T, Ohno N, Miyati T, Muro I, Ogino T, Matsumae M, Imai Y. Optimal strategy for measuring intraventricular temperature using acceleration motion compensation diffusion-weighted imaging. *Radiological Physics and Technology* 2020; 13 (2) 136-143.
- Shimatani A, Hoshi M, Oebisu N, Iwai T, Takada N, Nakamura H. Clinical significance of thermal detection of soft-tissue tumors. *International Journal of Clinical Oncology* 2020; 25 (7) 1418-1424.
- Shimron E, Grissom W, Azhari H. Temporal differences (TED) compressed sensing: a method for fast MRgHIFU temperature imaging. *NMR in Biomedicine* 2020; 33 (9) art. no. e4352.
- Shioda K, Goto K, Uchida S. The effect of 2 consecutive days of intense resistance exercise on sleep in untrained adults. *Sleep and Biological Rhythms* 2019; 17 (1): 27-35.
- Shirai T, Komatsu H, Sato H, Fujii H, Ishii T, Harigae H. Migratory aortitis associated with granulocyte-colony-stimulating factor. *Internal Medicine* 2020; 59 (12) 1559-1563.
- Shlykov V, Kotovskyi V, Dubko A, Višniakov N, Šešok A. Temperature monitoring for high frequency welding of soft biological tissues: A prospective study. *Technology and Health Care* 2019; 27 (6): 643-649.
- Shono N, Ninni B, King F, Kato T, Tokuda J, Fujimoto T, Tuncali K, Hata N. Simulated accuracy assessment of small footprint body-mounted probe alignment device for MRI-guided cryotherapy of abdominal lesions. *Medical Physics* 2020; 47 (6) 2337-2349.
- Shrivastava D. On using magnetic resonance thermometry to measure 'strong' spatio-temporal tissue temperature variations and compute thermal dose. *eMagRes* 2019; 8 (2): 199-204.
- Shukla SK, Sharma AK, Shaw P, Kalonia A, Yashavardhan MH, Singh S. Creation of rapid and reproducible burn in animal model with a newly developed burn device. *Burns* 2020; 46 (5) 1142-1149.

Siah CJR, Childs C, Chia CK, Cheng KFK. An observational study of temperature and thermal images of surgical wounds for detecting delayed wound healing within four days after surgery. *Journal of Clinical Nursing* 2019; 28(11-12), 2285-2295.

Siegenthaler F, Knabben L, Mohr S, Nirgianakis K, Imboden S, Mueller MD. Visualization of endometriosis with laparoscopy and near-infrared optics with indocyanine green. *Acta Obstetricia et Gynecologica Scandinavica* 2020; 99 (5) 591-597.

Siegenthaler F, Knabben L, Mohr S, Nirgianakis K, Imboden S, Mueller MD. What is the future of indocyanine green and near-infrared imaging in the surgical management of endometriosis? *Acta Obstetricia et Gynecologica Scandinavica* 2020; 99 (10) 1419-1420.

Sievert M, Goncalves M, Eckstein M, Iro H, Koch M, Feasibility of sentinel lymph node detection by near-infrared endoscopy in squamous cell carcinoma of the oral cavity: A pilot study. *European Review for Medical and Pharmacological Sciences* 2020; 24 (22) 11620-11627.

Sillero Quintana M, Adamczyk JG, Karabas S. Thermal profile of elite masters athletes and the influence of athletic competition on their skin temperature. *Thermology international* 2019, 29(2) 82

Sillero Quintana M, Fernandez-Cuevas I, Alba-Lopez D. Efficiency and validity of several thermal imaging cameras using an automatic software for the selection of ROI. *Thermology international* 2019, 29(2) 82

Simkó, M, Mattsson M-O. Activation of the intracellular temperature and ROS sensor membrane protein STIM1 as a mechanism underpinning biological effects of low-level low frequency magnetic fields. *Medical Hypotheses* 2019; 122: 68-72.

Simorangkir TPH, Study of possibility physical interactions antimalarial combination drugs. *Infectious Disease Reports* 2020; 12 art. no. 8761.

Simpson G, Rodseth RN. A prospective observational study testing liquid crystal phase change type thermometer placed on skin against oesophageal/pharyngeal placed thermometers in participants undergoing general anesthesia. *BMC Anesthesiology* 2019; 19 (1), art. no. 206.

Singh A, Kataria S, Das P, Sharma A. A proposal to make the pulse oximetry as omnipresent as thermometry in public health care systems. *Journal of global health* 2020; 10 (2) p, 0203102.

Singh D, Singh AK. Role of image thermography in early breast cancer detection- Past present and future. *Computer Methods and Programs in Biomedicine* 2020; 183 art. no. 105074.

Sinha V, Mehta S, Kalantzis G, Steinberg F, LeBlang SD. Artifact from myomectomy/C-Section on MRI images—what does this mean for MR-guided focused ultrasound candidacy for uterine fibroids? *International Journal of Hyperthermia* 2019; 36 (1) 1079-1083

Sintayehu DW, Tassie N, De Boer WF, Present and future climatic suitability for dengue fever in Africa. *Infection Ecology and Epidemiology* 2020; 10 (1) art. no. 1782042.

Sipahi S, Dheir H, Tocoglu A, Karabay O. Experience with Hemodialysis Patients in the COVID-19 Pandemic in Sakarya Turkey. *Journal of the College of Physicians and Surgeons Pakistan* 2020; 30 (2) p, S138.

Skomudek A, Waz, G, Rozek-Piechura K. Does CABG with saphenous vein grafting and standard cardiac rehabilitation affect lower limb function? A clinical study. *International Journal of Environmental Research and Public Health* 2019; 16 (11), art. no. 1903.

Škop V, Liu N, Guo J, Gavrilova O, Reitman ML. The contribution of the mouse tail to thermoregulation is modest. *American Journal of Physiology - Endocrinology and Metabolism* 2020; 319 (2) F438-F446.

Soares AL, Xavier AAP, Michaloski AO. Occupational risk evaluation through infrared thermography: Development and proposal of a rapid screening tool for risk assessment arising from repetitive actions of the upper limbs. *International Journal of Environmental Research and Public Health* 2020; 17 (10) art. no. 3390.

Soehle M, Dehne H, Hoeft A, Zenker S. Accuracy of the non-invasive Tcore™ temperature monitoring system to measure body core temperature in abdominal surgery. *Journal of Clinical Monitoring and Computing* 2020; 34 (6) 1361-1367.

Sohng C, Lee HJ, Lee WK, Kim JY, Park KD, Jang YH, Lee WJ, Lee S-J. Clinical usefulness of thermography as a non-invasive screening test for differential diagnosis of vascular malformations. *Skin Research and Technology* 2020; 26 (5) 759-761.

Soin S, Rangan SV, Ali FS, Okafor C. Not your usual hip pain: Necrotising fasciitis secondary to sigmoid perforation. *BMJ Case Reports* 2019; 12 (3), art. no. e228985.

Sojahrood AJ, Hagh H, Li Q, Porter TM, Karshafian R, Kolios MC. Nonlinear power loss in the oscillations of coated and uncoated bubbles: Role of thermal radiation and encapsulating shell damping at various excitation pressures. *Ultrasonics Sonochemistry* 2020; 66 art. no. 105070.

Solanki SL, Jhingan MAK, Saklani AP. Rebound hypothermia after cytoreductive surgery with hyperthermic intraperitoneal chemotherapy (CRS-HIPEC) and cardiac arrest in immediate postoperative period: A report of two cases and review of literature. *Pleura and Peritoneum* 2020; 5 (3) art. no. 20200126.

Soliman MA, Mohamed NMA, Takamiya K, Sekimoto S, Inagaki M, Oki Y, Ohtsuki T. Estimation of ^{47}Sc and ^{177}Lu production rates from their natural targets in Kyoto University Research Reactor. *Journal of Radioanalytical and Nuclear Chemistry* 2020; 324 (3) 1099-1107.

Song WH, Baik J, Yang S, Choi E-K, Park S-M, Jeong CW. Animal model evaluation of a novel renal denervation system for future laparoscopic treatment of resistant hypertension. *Investigative and Clinical Urology* 2020; 61 (1) 107-113.

Soookaromdee P, Wiwanitkit V. Can thermo-scan screening predict the presence of Wuhan coronavirus infection: Observation on detection rate and efficacy from Thailand. *Journal of Research in Medical Sciences* 2020; 25 (1) art. no. 284706.

Sosa Saenz SE, Hardy MK, Heenan M, Oden ZM, Richards-Kortum R, Dube Q, Kawaza K. Evaluation of a continuous neonatal temperature monitor for low-resource settings: A device feasibility pilot study. *BMJ Paediatrics Open* 2020; 4 (1) art. no. e000655.

Southern JB, Higgins AM, Young AJ, Kost KA, Schreiter BR, Clifton M, Fulmer BR, Garg T. Risk Factors for Postoperative Fever and Systemic Inflammatory Response Syndrome after Ureteroscopy for Stone Disease. *Journal of Endourology* 2019; 33 (7): 516-522.

Spencer HC, Wurzburger R. COVID-19 presenting as neutropenic fever. *Annals of Hematology* 2020; 99 (8) 1939-1940.

Spivak NM, Schafer ME, Bystritsky A. Reversible neuroinhibition does not require a thermal mechanism. *Brain Stimulation* 2020; 13 (1) p, 262.

Sree V, Royea R, Buckman KJ, Benardis M, Holmes J, Fletcher RL, EYK N, Rajendra Acharya U, Ellenhorn JDI. An introduction to the Cyrcadia Breast Monitor: A wearable breast health monitoring device. *Computer Methods and Programs in Biomedicine* 2020; 197 art. no. 105758.

Srirangapatanam S, Wiener S, Stoller ML. Role of core body temperature in nephrolithiasis. *BJU International* 2020; 126 (5) 620-624.

Staffa E, Can V, Bernard J, Pokorna J, Zetelova A, Farkasova M, Mornstein V, Kala Z. Usefulness of blood supply visualisation by infrared thermography and indocyanine green fluorescence angiography for invasive esophagectomy performed after ischemic gastric conditioning. *Thermology international* 2019, 29(2) 80

Stanford JB, Hansen JL, Willis SK, Hu N. Thomas A. Peri-implantation intercourse does not lower fecundability, *Human Reproduction* 2020; 35 (9) 2107-2112.

Stapleton JT, Wagner N, Tuetken R, Bellamy AR, Hill H, Kim S, Winokur PL. High dose trivalent influenza vaccine compared to standard dose vaccine in patients with rheumatoid arthritis receiving

TNF-alpha inhibitor therapy and healthy controls: Results of the DMID 10-0076 randomized clinical trial. *Vaccine* 2020; 38 (23) 3934-3941.

Steensma B, van de Moortele P-F, Ertürk A, Grant A, Adriany G, Luijten P, Klomp D, van den Berg N. Metzger G, Raaijmakers A. Introduction of the snake antenna array: Geometry optimization of a sinusoidal dipole antenna for 10.5T body imaging with lower peak SAR. *Magnetic Resonance in Medicine* 2020; 84 (5) 2885-2896.

Stephen S, Park Y-A, Chrysostomou A. Clinical benefits of Tocilizumab in COVID-19-related cytokine release syndrome in a patient with end-stage kidney disease on haemodialysis in Australia. *Nephrology* 2020; 25 (11) 845-849.

Stephenson D, Perry A, Appleby MR, Lee D, Davison J, Johnston A, Jones AL, Nelson A, Bourke SJ, Thomas MF, De Soyza A, Lordan JL, Lumb J, Robb AE, Samuel JR, Walton KE, Perry JD. An evaluation of methods for the isolation of nontuberculous mycobacteria from patients with cystic fibrosis bronchiectasis and patients assessed for lung transplantation. *BMC Pulmonary Medicine* 2019; 19 (1), art. no. 19

Steven P, Faust C, Holtick U, Scheid C, Tahmaz V, Stern ME, Gehlsen U. Adverse environmental conditions are a risk factor for ocular GvHD after allogeneic hematopoietic stem cell transplantation. *Bone Marrow Transplantation* 2020; 55 (9) 1851-1853.

Stewart IB, Moghadam P, Borg DN, Kung T, Sikka P, Minett GM. Thermal infrared imaging can differentiate skin temperature changes associated with intense single leg exercise but not with delayed onset of muscle soreness. *Journal of Sports Science and Medicine* 2020; 19 (3) 469-477.

Stocchino A, Nepita I, Repetto R, Dodero A, Castellano M, Ferrara M, Romano MR. Fluid dynamic assessment of hypersonic and guillotine vitrectomy probes in viscoelastic vitreous substitutes. *Translational Vision Science and Technology* 2020; 9 (6) art. no. 9.

Stone JR, Tran KM, Conklin J, Mino-Kenudson M. Case 23-2020: A 76-year-old woman who died from COVID-19. *New England Journal of Medicine* 2020; 383 (4) 380-387.

Stoop R, Hohenauer E, Aerenhouts D, Barel AO, Deliens T, Clijsen R, Clarys P. Comparison of two skin temperature assessment methods after the application of topical revulsive products: Conductive iButton data logger system vs contact-free infrared thermometry. *Skin Research and Technology* 2020; 26 (5) 648-653.

Strakowska M, Wiecek B. A new method and software for screening of skin pathologies using cold provocation and thermal impedance analysis. *Thermology international* 2019, 29(2) 77-79

Stringaci MD, Moriyama LT, Vollet-Filho JD, Bagnato VS. Temperature effect on the PpIX production during the use of topical precursors, *Photodiagnosis and Photodynamic Therapy* 2020; 30 art. no. 101786.

Stringaci MD, Salvio AG, Moriyama LT, Vollet-Filho JD, Fortunato TC, Bagnato VS, Kurachi C. Energy analysis of PDT using thermography during the treatment of basal cell carcinoma. *Photodiagnosis and Photodynamic Therapy* 2020; 29 art. no. 101586.

Stubberud A, Tronvik E, Olsen A, Gravdahl G, Linde M. Biofeedback Treatment App for Pediatric Migraine: Development and Usability Study. *Headache* 2020; 60 (5) 889-901.

Su G, Huang X, Zhou Z, Wu F, Lai J. The role of serum cytokine level in the evaluation of the efficacy of tocilizumab for the treatment of systemic-onset juvenile idiopathic arthritis. *Chinese Journal of Laboratory Medicine* 2020; 43 (1) 85-90.

Suda T, Zoshima T, Takeji A, Suzuki Y, Mizushima I, Yamada K, Nakashima A, Yachie A, Kawano M. Elderly-onset Still's Disease Complicated by Macrophage Activation Syndrome: A Case Report and Review of the Literature. *Internal Medicine* 2020; 59 (5) 721-728.

Sujadi E, Fadhli M, Kamil D, Ridha DS M, Sonafist Y, Meditamar MO, Ahmad B. An anxiety analysis of educators students and parents facing the new normal era in education sector in Indonesia. *Asian Journal of Psychiatry* 2020; 53 art. no. 102226.

- Sun G, Trung NV, Hoi LT, Hiep PT, Ishibashi K, Matsui T. Visualisation of epidemiological map using an Internet of Things infectious disease surveillance platform. *Critical Care* 2020; 24 (1) art. no. 400.
- Sun L, Han X, Li J, Zhao Z, Liu Y, Xi Q, Guo X, Gun S. Microbial Community and Its Association With Physicochemical Factors During Compost Bedding for Dairy Cows. *Frontiers in Microbiology* 2020; 11 art. no. 254.
- Sun L, Hou M, Zhang L, Qian D, Yang Q, Xu Z, Kang Y, Xue P. PEGylated mesoporous Bi₂S₃ nanostars loaded with chlorin e6 and doxorubicin for fluorescence/CT imaging-guided multimodal therapy of cancer. *Nanomedicine: Nanotechnology Biology and Medicine* 2019; 17: 1-12.
- Sun L, Verma S, Michael N, Chan SP, Yan J, Sadanathan SA, Camps SG, Goh HJ, Govindharajulu P, Totman J, Townsend D, Goh JP-N, Sun L, Boehm BO, Lim SC, Sze SK, Henry CJ, Hu HH, Velan SS, Leow MK-S. Brown Adipose Tissue: Multimodality Evaluation by PET, MRI, Infrared Thermography and Whole-Body Calorimetry (TACTICAL-II). *Obesity* 2019; 27 (9): 1434-1442.
- Sun L, Yan J, Goh HJ, Govindharajulu P, Verma S, Michael N, Sadanathan SA, Henry CJ, Velan SS, Leow MK-S. Fibroblast Growth Factor-21 Leptin and Adiponectin Responses to Acute Cold-Induced Brown Adipose Tissue Activation. *Journal of Clinical Endocrinology and Metabolism* 2020; 105 (3) art. no. dgaa005.
- Sun T, Shi W-Q, Shao Y. Research progress on dry eye imaging technology. *International Eye Science* 2019; 19 (6): 937-940.
- Sun W, Gao H, Luo Y, Zheng H, Liao X, Xiong D, Xiao L, Management of Immunity Alteration-Induced Chronic Pain During the Coronavirus Disease-2019 (COVID-19) Pandemic. *Frontiers in Microbiology* 2020; 11 art. no. 572318.
- Sun Y, Yang Q, Bai W, Wang W, Li Y, Luo X, Wang S, Jia J, Wang K, Qin L. Changes in skin temperature of ovariectomized rats under different incubation temperatures. *Geriatrics and Gerontology International* 2020; 20 (6) 621-628.
- Sunagawa T, Nakashima Y, Shinomiya R, Adachi N. Digital Arterial Occlusion in the Throwing Hand of Elite Baseball Pitchers: A Report of 2 Cases Treated With Adventitial Stripping and Review of the Literature. *Orthopaedic Journal of Sports Medicine* 2020; 8 (8),
- Sundaram KM, Staruch R, Burtynk M, Lane JS, Penson DF, Arora SS. MR Imaging-Guided Transurethral Ultrasound Ablation of Localized Prostate Cancer: Preliminary Experience from a Single Center in a Prospective Multi-Center Single-Arm Clinical Trial. *Journal of Vascular and Interventional Radiology* 2020; 31 (5) 740-746.e4.
- Sung DS, Sim SY, Jin HW, Kwon WY, Kim KS, Kim T, Jung YS, Ko J-I, Shin SM, Suh GJ, Park KS. Validation of non-invasive brain temperature estimation models during swine therapeutic hypothermia. *Physiological Measurement* 2019; 40 (2), art. no. 025004.
- Svedin BT, Dillon CR, Parker DL. Effect of k-space-weighted image contrast and ultrasound focus size on the accuracy of proton resonance frequency thermometry. *Magnetic Resonance in Medicine* 2019; 81 (1): 247-257.
- Svedin BT, Payne A, Parker DL. Simultaneous proton resonance frequency shift thermometry and T₁ measurements using a single reference variable flip angle T₁ method. *Magnetic Resonance in Medicine* 2019; 81 (5): 3138-3152.
- Svirskis D, Behera S, Naidoo N, Beachman J, Raina T, Zhou Y, Berkahn L, Costello I, Gu Y. Stability of vincristine sulfate doxorubicin hydrochloride and etoposide phosphate admixtures in polyisoprene elastomeric pump supporting transition of the EPOCH regimen to outpatient care. *Journal of Oncology Pharmacy Practice* 2019; 25 (4): 831-840.
- Swayamsiddha S, Mohanty C. Application of cognitive Internet of Medical Things for COVID-19 pandemic. *Diabetes and Metabolic Syndrome: Clinical Research and Reviews* 2020; 14 (5) 911-915.
- Szasz, AM, Minnaar CA, Szentmártoni G, Szigeti GP, Dank M. Review of the Clinical Evidences of Modulated Electro-Hyperthermia (mEHT) Method: An Update for the Practicing Oncologist. *Frontiers in Oncology* 2019; 9, art. no. 1012.

- Szymanski MR, Scarneo-Miller SE, Smith MS, Bruner ML, Casa DJ. Emergency medical service directors' protocols for exertional heat stroke. *Medicina (Lithuania)* 2020; 56 (10) art. no. 494 1-11.
- Tabuchi H, Masumoto H. Objective evaluation of allergic conjunctival disease (with a focus on the application of artificial intelligence technology), *Allergology International* 2020; 69 (4) 505-509.
- Tahara A, Tahara N, Maeda-Ogata S, Bekki M, Sugiyama Y, Honda A, Abe T, Yamagishi S-I, Fukumoto Y. Brown adipose tissue activation in severe heart failure, *European Heart Journal* 2020; 41 (25) p, 2415.
- Taher M, Gholampour S. Effect of Ambient Temperature Changes on Blood Flow in Anterior Cerebral Artery of Patients with Skull Prosthesis. *World Neurosurgery* 2020; 135 e358-e365.
- Taiar R, Ghieda MY, Elbrawy EH, Ahmed WA, Eid MM, Abdi E. Digital thermal analysis as a performance-level indicator to evaluate two volleyball skills for female students during and after menstrual cycle. *Series on Biomechanics* 2019; 33 (1): 30-40.
- Takagi H, Yamane K, Matsui M, Suzuki S, Ito K. Pathotypes and drug susceptibility of escherichia coli isolated from companion dogs in Japan. *Japanese Journal of Infectious Diseases* 2020; 73 (3) 253-255.
- Takahashi I, Yano H, Kinjo M. Mild encephalitis/encephalopathy with a reversible splenial lesion (MERS) following influenza virus infection, *BMJ Case Reports* 2020; 13 (5) art. no. e235461.
- Takahashi N, Abe R, Hattori N, Matsumura Y, Oshima T, Taniguchi T, Igari H, Nakada T-A. Clinical course of a critically ill patient with severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). *Journal of Artificial Organs* 2020; 23 (4) 397-400.
- Takahashi Y, Nishimura S, Takao E, Kasai R, Enokida K, Ida K, Fukuoka M, Koike T, Omatsu H, Yamaguchi T, Takano S, Yoshida T, Mori H. Characteristics of internalization of NMDA-type GluRs with antibodies to GluN1 and GluN2B. *Journal of Neuroimmunology* 2020; 349 art. no. 577427.
- Takemoto M, Takami M, Fukuzawa K, Kiuchi K, Kurose J, Suehiro H, Nagamatsu Y, Akita T, Nakamura T, Sakai J, Yatomi A, Hirata K-I. Different tissue thermodynamics between the 40 W and 20 W radiofrequency power settings under the same ablation index/lesion size index. *Journal of Cardiovascular Electrophysiology* 2020; 31 (1) 196-204.
- Takeuchi M, Kawakubo H, Abe Y, Kanazawa A, Ehara K, Kinugasa Y, Kinoshita T, Nomura A, Kitagawa Y. Assessment of the Safety of the New Hybrid Pencil Type Energy (NP) Device Used Close to the Recurrent Laryngeal Nerve in a Porcine Model: Comparison With a Conventional Electrosurgical Knife. *Surgical Innovation* 2019; 26 (2): 219-226.
- Tan D, Mohamad NA, Wong YH, Yeong CH, Cheah PL, Sulaiman N, Abdullah BJJ, Fabell MK, Lim KS. Experimental assessment on feasibility of computed tomography-based thermometry for radiofrequency ablation on tissue equivalent polyacrylamide phantom. *International Journal of Hyperthermia* 2019; 36 (1): 554-561.
- Tan D, Mohamad NA, Wong YH, Yeong CH, Cheah PL, Sulaiman N, Abdullah BJJ, Fabell MK, Lim KS. Experimental assessment on feasibility of computed tomography-based thermometry for radiofrequency ablation on tissue equivalent polyacrylamide phantom. *International Journal of Hyperthermia* 2019; 36 (1): 554-561.
- Tan J, Mougenot C, Pichardo S, Drake JM, Waspe AC. Motion compensation using principal component analysis and projection onto dipole fields for abdominal magnetic resonance thermometry. *Magnetic Resonance in Medicine* 2019; 81 (1): 195-207.
- Tan WP, Chang A, Brousell SC, Grimberg DC, Fantony JJ, Longo TA, Etienne W, Spasojevic I, Maccarini P, Inman BA. Safety and efficacy of intravesical chemotherapy and hyperthermia in the bladder: results of a porcine study. *International Journal of Hyperthermia* 2020; 37 (1) 854-860.
- Tan Y, He F, Zhang C, Zhang J, Chen Z, Wang X, Wei P, Nan Y, Jin LL, Hua Q. Mechanical stimulation of the scalp improves the extra- and intracranial blood circulation in humans and mice. *Journal of Traditional Chinese Medical Sciences* 2020; 7 (4) 366-374.

- Tan Y, Zhu Y, Wen L, Yang X, Liu X, Meng T, Dai S, Ping Y, Yuan H, Hu F. Mitochondria-responsive drug release along with heat shock mediated by multifunctional glycolipid micelles for precise cancer chemo-phototherapy. *Theranostics* 2019; 9 (3): 691-707.
- Tan YK, Hong C, Li H, Allen JC, Jr, Thumboo J. Thermography in rheumatoid arthritis: a comparison with ultrasonography and clinical joint assessment. *Clinical Radiology* 2020; 75 (12) 963.e17-963.e22.
- Taneri S, Arba-Mosquera S, Rost A, Burkhard Dick H. Thermal load during corneal excimer laser ablation: Impact of different ablation parameters. *Journal of Refractive Surgery* 2020; 36 (10) 667-676.
- Tang H, Deng W, Sun Z, Wang Y, Li L, Ding Y, Zhou Y. Optimization of factors influencing temperature rise and thermal necrosis of a robot driven piezoelectric osteotomy in bovine cortical bone: An in vitro study using an orthogonal test design. *Clinical Biomechanics* 2019; 70: 249-256.
- Tang N, Huang G, Li M, Xu F. Artificial intelligence plays an important role in containing public health emergencies. *Infection Control and Hospital Epidemiology* 2020; 41 (7) 869-870.
- Tanigasalam V, Vishnu Bhat B, Adhisivam B, Balachander B, Kumar H. Hypothermia detection in low birth weight neonates using a novel bracelet device. *Journal of Maternal-Fetal and Neonatal Medicine* 2019; 32 (16): 2653-2656
- Taniguchi H, Shimizu K, Wada S, Nirengi S, Kataoka H, Higashi A. Effects of beta-conglycinin intake on circulating FGF21 levels and brown adipose tissue activity in Japanese young men: A single intake study and a randomized controlled trial. *Journal of Physiological Anthropology* 2020; 39 (1) art. no. 17.
- Tao CS, Dong F, Wang DC, Guo CB. Diagnostic test for detection of cervical lymph node metastasis from oral squamous cell carcinoma via infrared thermal imaging. *Beijing da xue xue bao. Yi xue ban = Journal of Peking University. Health sciences* 2019; 51 (5): 959-963
- Taramasco C, Lazo Y, Rodenas T, Fuentes P, Martínez F, Demongeot J. System Design for Emergency Alert Triggered by Falls Using Convolutional Neural Networks. *Journal of Medical Systems* 2020; 44 (2) art. no. 50.
- Taratkin M, Laukhtina E, Singla N, Kozlov V, Abdusalamov A, Ali S, Gabdullina S, Alekseeva T, Enikeev D. Temperature changes during laser lithotripsy with Ho:YAG laser and novel Tm-fiber laser: a comparative in-vitro study. *World Journal of Urology* 2020; 38 (12) 3261-3266.
- Tay VYJ, Bolisetty S, Bajuk B, Lui K, Smyth J, on behalf of the New South Wales and the Australian Capital Territory Neonatal Intensive Care Units' Data Collection. Admission temperature and hospital outcomes in extremely preterm infants. *Journal of Paediatrics and Child Health* 2019; 55 (2): 216-223.
- Tayel MB, Elbagoury AM, Breast infrared thermography segmentation based on adaptive tuning of a fully convolutional network. *Current Medical Imaging Reviews* 2020; 16 (5) 611-621.
- Taylor EA, Donnelly E. Raman and Fourier transform infrared imaging for characterization of bone material properties, *Bone* 139 art. no. 115490.
- Taylor L, Thornton HR, Lumley N, Stevens CJ. Alterations in core temperature during World Rugby Sevens Series tournaments in temperate and warm environments. *European Journal of Sport Science* 2019; 19 (4): 432-441
- Taylor MA, Ramkumar PG. An ultrasound service during COVID-19: A single tertiary centre's experience, *Ultrasound* 28 (4) 223-228.
- Teare J, Mathee A, Naicker N, Swanepoel C, Kapwata T, Balakrishna Y, du Preez DJ, Millar DA, Wright CY. Dwelling characteristics influence indoor temperature and may pose health threats in LMICs. *Annals of Global Health* 86 (1) art. no. 91 1-13.
- Teimouri Sendesi SM, Noh Y, Nuruddin M, Boor BE, Howarter JA, Youngblood JP, Jafvert CT, Whelton AJ. An emerging mobile air pollution source: Outdoor plastic liner manufacturing sites discharge VOCs into urban and rural areas. *Environmental Science: Processes and Impacts* 2020; 22 (9) 1828-1841.
- Tekin K, Cil B, Alemdar H, Olgac KT, Tirpan MB, Daskin A, Stellella C. Semen collection by transrectal digital stimulation and insemination campaign in goat. *Andrologia* 2020; 52 (2) art. no. e13458.

- Teller J, Bernasconi R, Simonetti GD, Lava SAG. Performance of axillary and rectal temperature measurement in private pediatric practice. European Journal of Pediatrics 2019; 178 (10): 1501-1505.
- Tello-Mijares S, Woo F, Flores F. Breast Cancer Identification via Thermography Image Segmentation with a Gradient Vector Flow and a Convolutional Neural Network. Journal of Healthcare Engineering 2019, art. no. 9807619.
- Tempesta B, Gharagozloo F, Meyer M. Robotic staged bilateral selective postganglionic sympathectomy for upper-extremity hyperhidrosis. Surgical Technology International 2020; 36 1-5.
- Teo LW, Pang T, Ong YJ, Lai C. Coping with COVID-19: Perspectives of Student Radiographers. Journal of Medical Imaging and Radiation Sciences 2020; 51 (3) 358-360.
- Tey J, Ho S, Choo BA, Ho F, Yap SP, Tuan JKL, Leong CN, Cheo T, Sommat K, Wang MLC, Navigating the challenges of the COVID-19 outbreak: Perspectives from the radiation oncology service in Singapore. Radiotherapy and Oncology 2020; 148 189-193.
- Thadchanamoorthy V, Dayasiri K. A case report of dengue hemorrhagic fever complicated with diabetic ketoacidosis in a child: challenges in clinical management. BMC Pediatrics 2020; 20 (1) art. no. :403.
- Tharakan S, Nomoto K, Miyashita S, Ishikawa K. Body temperature correlates with mortality in COVID-19 patients. Critical Care 2020; 24 (1) art. no. 298.
- The Lancet Infectious Diseases COVID-19 a pandemic or not? The Lancet Infectious Diseases 2020; 20 (4) p, 383.
- Thiagarajan S, Balaji R, Pothapregada S. Non-Contact Infrared Thermometry in Febrile Infants. Indian Pediatrics 2020; 57 (9) 857-858.
- Thiessen F E, Tondu T, Vermeersch N, Cloostermans B, Lundahl R, Ribbens B, Berzenji L, Verhoeven V, Hubens G, Steenackers G, Tjalma WA. Dynamic infrared thermography (DIRT) in Deep Inferior Epigastric Perforator (DIEP)
- Thiessen FEF, Tondu T, Cloostermans B, Dirkx YAL, Auman D, Cox S, Verhoeven V, Hubens G, Steenackers G, Tjalma WAA. Dynamic InfraRed Thermography (DIRT) in DIEP-flap breast reconstruction: A review of the literature. European Journal of Obstetrics and Gynecology and Reproductive Biology 2019; 242: 47-55.
- Thiessen FEF, Tondu T, Verhoeven V, Hubens G, Steenackers G, Tjalma WAA. Automatic detection of perforators for microsurgical reconstruction. Breast 2020; 53 p, 43.
- Thiessen FEF, Vermeersch N, Tondu T, Van Thielen J, Vrints I, Berzenji L, Verhoeven V, Hubens G, Verstockt J, Steenackers G, Tjalma WAA. Dynamic Infrared Thermography (DIRT) in DIEP flap breast reconstruction: A clinical study with a standardized measurement setup. European Journal of Obstetrics and Gynecology and Reproductive Biology 2020; 252 166-173.
- Thirunavukkarasu U, Umapathy S, Janardhanan K, Thirunavukkarasu R, A computer aided diagnostic method for the evaluation of type II diabetes mellitus in facial thermograms. Physical and Engineering Sciences in Medicine 2020; 43 (3) 871-888.
- Thirunavukkarasu U, Umapathy S, Krishnan PT, Janardanan K. Human Tongue Thermography Could Be a Prognostic Tool for Prescreening the Type II Diabetes Mellitus. Evidence-based Complementary and Alternative Medicine 2020 art. no. 3186208.
- Thompson RM, Fowler E, Culo B, Shellock FG. MRI safety and imaging artifacts evaluated for a cannulated screw used for guided growth surgery, Magnetic Resonance Imaging 2020; 66 219-225.
- Thomsen AR, Vaupel P, Grosu A-L, Notter M. Hyperthermia plus Re-Irradiation in the Management of Unresectable Locoregional Recurrence of Breast Cancer in Previously Irradiated Sites. Journal of Clinical Oncology 2020; 38 (30) 3576-3577.
- Thor J, Pagkaliwagan E, Yeo A, Loh J, Kon C. Roadmap out of covid-19. Malaysian Orthopaedic Journal 2020; 14 (3) 4-9.

- Thummerer G, Mayr G, Haltmeier M, Burgholzer P. Photoacoustic reconstruction from photothermal measurements including prior information. *Photoacoustics* 2020; 19 art. no. 100175.
- Thuzar M, Law WP, Dimeski G, Stowasser M, Ho KKY. Mineralocorticoid antagonism enhances brown adipose tissue function in humans: A randomized placebo-controlled cross-over study. *Diabetes Obesity and Metabolism* V21 (3): 509-516.
- Tint D, Stabler CT, Hanifi A, Yousefi F, Linkov G, Hy K, Soliman AMS, Pleshko N. Spectroscopic Analysis of Human Tracheal Tissue during Decellularization. *Otolaryngology - Head and Neck Surgery (United States)* 2019; 160 (2): 302-309.
- Tirupathi R, Bharathidasan K, Palabindala V, Salim SA, Al-Tawfiq JA. Comprehensive Review of mask utility and challenges during the COVID-19 pandemic. *Infezioni in Medicina* 2020; 28: 57-63.
- Tokuda J, Wang Q, Tuncali K, Seethamraju RT, Tempany CM, Schmidt EJ. Temperature-Sensitive Frozen-Tissue Imaging for Cryoablation Monitoring Using STIR-UTE MRI. *Investigative Radiology* 2020; 55 (5): 310-317.
- Tomaeva DI, Daurova FY, Dikopova NZ. Optimal operation modes of high frequency monopolar diathermocoagulation in endodontic treatment. *Stomatologiiia* 2019; 98 (4): 4-7.
- Tonkaboni A, Saffarpour A, Aghapourzangeneh F, Fard MJK. Comparison of diagnostic effects of infrared imaging and bitewing radiography in proximal caries of permanent teeth. *Lasers in Medical Science* 2019; 34 (5): 873-879.
- Topalidou A, Ali N, Sekulic S, Downe S. Thermal imaging applications in neonatal care: A scoping review. *BMC Pregnancy and Childbirth* 2019; 19 (1), art. no. 381.
- Tracewski P, Ludwikowska KM, Szenborn L, Kusa J. The first case of pediatric inflammatory multisystem syndrome temporally associated with SARS-CoV-2 infection (PIMS-TS) in Poland complicated by giant coronary artery aneurysms. *Kardiologia Polska* 2020; 78 (10): 1064-1065.
- Transue S, Nguyen P, Vu T, Choi M-H. Volumetric reconstruction of thermal-depth fused 3D models for occluded body posture estimation. *Smart Health* 2019; 11: 29-44.
- Tricard T, Garnon J, Cazzato RL, Hashimi IA, Gangi A, Lang H. Prostate management" under MRI-guidance: 7 years of improvements. *Translational Cancer Research* 2020; 9 (4): 2280-2286.
- Trivedi HR, Borkar DS, Puranik PK. Experimental design approach for development of cocrystals and immediate release cocrystal tablet of atorvastatin calcium for enhancement of solubility and dissolution. *Journal of Research in Pharmacy* 2020; 24 (5): 720-737.
- Trummer G, Benk C, Beyersdorf F. Controlled automated reperfusion of the whole body after cardiac arrest. *Journal of Thoracic Disease* 2019; 11: S1464-S1470.
- Tsai C-Y, Chang N-C, Fang H-C, Chen Y-C, Lee S-S. A Novel Non-contact Self-Injection-Locked Radar for Vital Sign Sensing and Body Movement Monitoring in COVID-19 Isolation Ward. *Journal of Medical Systems* 2020; 44 (10) art. no. 177.
- Tse CF, Chan YYF, Poon KM, Lui CT. Clinical prediction rule to predict pneumonia in adult presented with acute febrile respiratory illness. *American Journal of Emergency Medicine* 2019; 37 (8): 1433-1438.
- Tsen LC. Too cold too hot or just right? Temperature regulation during caesarean section. *Anaesthesia* 2019; 74 (8): 973-975.
- Tsuboi S, Mine T, Tomioka Y, Sshiraishi S, Fukushima F, Ikaga T. Are cold extremities an issue in women's health? Epidemiological evaluation of cold extremities among Japanese women. *International Journal of Women's Health* 2019; 11: 31-39.
- Tsuyoshi H, Inoue D, Kurokawa T, Yoshida Y. Hyperthermic intraperitoneal chemotherapy (HIPEC) for gynecological cancer. *Journal of Obstetrics and Gynaecology Research* 2020; 46 (9): 1661-1671.
- Tsuyuki S, Yamagami K, Yoshibayashi H, Sugie T, Mizuno Y, Tanaka S, Kato H, Okuno T, Ogura N, Yamashiro H, Takuwa H, Kikawa Y, Hashimoto T, Kato T, Takahara S, Katayama T, Yamauchi A,

- Inamoto T. Effectiveness and safety of surgical glove compression therapy as a prophylactic method against nanoparticle albumin-bound-paclitaxel-induced peripheral neuropathy. *Breast* 2019; 47: 22-27.
- Tufvesson E, Nilsson E, Popov TA, Hesselstrand R, Bjermer L. Fractional exhaled breath temperature in patients with asthma chronic obstructive pulmonary disease or systemic sclerosis compared to healthy controls. *European Clinical Respiratory Journal* 2020; 7 (1) art. no. 1747014.
- Tumilty S, Adhia DB, Smoliga JM, Gisselman AS. Thermal profiles over the Achilles tendon in a cohort of non-injured collegiate athletes over the course of a cross country season. *Physical Therapy in Sport* 2019; 36: 110-115.
- Tunc B, Gulsoy M. Stereotaxic laser brain surgery with 1940-nm Tm:fiber laser: An in vivo study. *Lasers in Surgery and Medicine* 2019; 51 (7): 643-652.
- Tunc B, Gulsoy M. The Comparison of Thermal Effects of a 1940-nm Tm:fiber Laser and 980-nm Diode Laser on Cortical Tissue: Stereotaxic Laser Brain Surgery. *Lasers in Surgery and Medicine* 2020; 52 (3) 235-246.
- Turagam MK, Miller S, Sharma SP, Prakash P, Gopinathannair R, Lakkireddy P, Mohanty S, Cheng J, Natale A, Lakkireddy D. Differences in Transient Thermal Response of Commercial Esophageal Temperature Probes: Insights From an Experimental Study. *JACC: Clinical Electrophysiology* 2019; 5 (11): 1280-1288.
- Türe E, Yazar A. How Should We Measure Body Temperature in the Pediatric Emergency Department? Which One Is the Most Accurate? *Journal of Pediatric Infectious Diseases* 2019; 14 (3): 121-126.
- Tversky J, MacGlashan D. Short-wave infrared camera as a novel solution to allergy skin testing. *Allergy: European Journal of Allergy and Clinical Immunology* 2020; 75 (4) 965-968.
- Ueki Y, Otsuka T, Windecker S, Räber L. ST-elevation myocardial infarction and pulmonary embolism in a patient with COVID-19 acute respiratory distress syndrome. *European Heart Journal* 2020; 41 (22) p, 2134.
- Ueshima H, Otake H. The accuracy of continuous temporal artery thermometers during general anesthesia. *Journal of Clinical Anesthesia* 2019; 55: 69-71.
- Unal-Cevik I, Yilmaz E. Quantification of Trigeminovascular Hypersensitivity Using Laser Speckle Contrast Analysis in a Patient With Chronic Migraine. *Pain Practice* 2020; 20 (2) 204-210.
- Ung WC, Tang TB, Yap KH, Ebenezer EGM, Chin PS, Nordin N, Chan SC, Yip HL, Lu C-K, Kiguchi M. Assessing Neural Compensation with Visuospatial Working Memory Load Using Near-Infrared Imaging. *IEEE Transactions on Neural Systems and Rehabilitation Engineering* 2020; 28 (1) art. no. 8915857 13-22.
- Unger M, Markfort M, Halama D, Chalopin C. Automatic detection of perforator vessels using infrared thermography in reconstructive surgery. *International Journal of Computer Assisted Radiology and Surgery* 2019; 14 (3): 501-507
- Unnerbäck M, Ottesen JT, Reinstrup P. Increased Intracranial Pressure Attenuates the Pulsating Component of Cerebral Venous Outflow. *Neurocritical Care* 2019; 31 (2): 273-279.
- Unsoeld M, Lamprecht U, Traub F, Hermes B, Scharpf M, Potkrajcic V, Zips D, Paulsen F, Eckert F. MR thermometry data correlate with pathological response for soft tissue sarcoma of the lower extremity in a single center analysis of prospectively registered patients. *Cancers* 2020; 12 (4) art. no. 959.
- Urakov AL, Alies MY, Nikolenko VN, Gadelshina AA. Dynamics of local temperature in the hands of healthy adult volunteers under the frosty air and cold metal object. *Thermology international* 2019, 29(2) 73-74
- Urakov AL, Ammer K, Dementiev VB, Urakova NA, Gadelshina AA. The contribution of infrared thermal imaging to designing a "winter rifle" - An observational study. *Thermology International* 29 (1): 40-46

Urakov AL, Kasatkin AA, Ammer K, Gurevich KG. The dynamics of fingertip temperature during voluntary breath holding and its relationship to transcutaneous oximetry. *Thermology international* 2019; 29(2) 65-66

Urakov NA, Urakov AL. In Pregnant Women With Thrombophilia The Fingers Local Temperature Can Indicate The Status And Prognosis Of Fetus Health. *Thermology international* 2019; 29(2) 76-77

Uyanık SA, Öğüslü U, Yılmaz B, Çevik H, Atlı E, Gümüş B. Percutaneous intraductal microwave ablation of malignant biliary strictures: Initial experience. *American Journal of Roentgenology* 2020; 215 (3) 753-759.

Valentino F, Cosentino G, Maugeri R, Giammalva R, Iacopino GD, Marrale M, Bartolotta TV, Gagliardo C. Is Transcranial Magnetic Resonance Imaging-Guided Focused Ultrasound a Repeatable Treatment Option? Case Report of a Retreated Patient with Tremor Combined with Parkinsonism. *Operative Neurosurgery* 2020; 18 (6) 577-582.

Valga F, Monzón T, Henriquez F, Anton-Pérez G. Assessment of tunnelled haemodialysis catheter insertion site using a thermal camera attached to a smartphone: a pilot study. *Nefrologia* 2020; 40 (6) 673-674.

van de Maat J, Jonkman H, van de Voort E, Mintegi S, Gervaix A, Bressan S, Moll H, Oostenbrink R. Measuring vital signs in children with fever at the emergency department: an observational study on adherence to the NICE recommendations in Europe. *European Journal of Pediatrics* 2020; 179 (7) 1097-1106.

van De N, Le TH, Agramunt VH, Mas-Coma S. Early postnatal and preschool-age infection by fascioliasis: Report of five cases from Vietnam and worldwide review. *American Journal of Tropical Medicine and Hygiene* 2020; 103 (4) 1578-1589.

Van den Bruel A, Verbakel J, Wang K, Fleming S, Holtman G, Glogowska M, Morris E, Edwards G, Ismail FA, Curtis K, Goetz J, Barnes G, Slivkova R, Nesbitt C, Aslam S, Swift E, Williams H, Hayward G. Non-contact infrared thermometers compared with current approaches in primary care for children aged 5 years and under: A method comparison study. *Health Technology Assessment* 2020; 24 (53) 1-52.

Van der Veeken L, Van der Merwe J, Devroe S, Inversetti A, Galgano A, Bleeser T, Meeusen R, Rex S, Deprest J. Maternal surgery during pregnancy has a transient adverse effect on the developing fetal rabbit brain. *American Journal of Obstetrics and Gynecology* 2019; 221 (4): 355.e1-355.e19.

van Doremalen RFM, van Netten JJ, van Baal JG, Vollenbroek-Hutten MMR, van der Heijden F. Validation of low-cost smartphone-based thermal camera for diabetic foot assessment. *Diabetes Research and Clinical Practice* 2019; 149: 132-139

Van Haren M, Lenaerts A, Paridaens H, Machiels P. A 33-year-old man with jaundice dyspnoea and fever. *Clinics and Research in Hepatology and Gastroenterology* 2019; 43 (1): 104-107.

van Netten JJ, Raspovic A, Lavery LA, Monteiro-Soares M, Rasmussen A, Sacco ICN, Bus SA. Prevention of foot ulcers in the at-risk patient with diabetes: a systematic review. *Diabetes/Metabolism Research and Reviews* 2020; 36 (S1) art. no. e3270.

van Veen JE, Kammel LG, Bunda PC, Shum M, Reid MS, Massa MG, Arneson DV, Park JW, Zhang Z, Joseph AM, Hrncir H, Liesa M, Arnold AP, Yang X, Correa SM. Hypothalamic oestrogen receptor alpha establishes a sexually dimorphic regulatory node of energy expenditure. *Nature Metabolism* 2020; 2 (4) 351-363.

Vanderstocken G, Marrow JP, Allwood MA, Stampfli MR, Simpson JA. Disruption of Physiological Rhythms Persist Following Cessation of Cigarette Smoke Exposure in Mice. *Frontiers in Physiology* 2020; 11 art. no. 501383.

Vardasca R, Magalhaes C, Marques D, Moreira J, Frade R, Seixas A, Mendes J, Ring F. Bilateral assessment of body core temperature through axillary tympanic and inner canthi thermometers in a young population. *Physiological Measurement* 2019; 40 (9), art. no. 094001.

- Vardasca R, Magalhaes C, Mendes J. Biomedical Applications of Infrared Thermal Imaging: Current State of Machine Learning Classification. *Proceedings* 2019; 27, 46
- Vardasca R, Magalhaes C, Silva P, Abreu P, Mendes J, Restivo MT. Biomedical musculoskeletal applications of infrared thermal imaging on arm and forearm: A systematic review. *Journal of Thermal Biology* 2019; 82: 164–177
- Vardasca R, Magalhaes C, Silva P, Kluwe B, Mendes J. Are the IR cameras FLIR ONE suitable for clinical applications? *Thermology International* 29 (3): 95-102.
- Vardasca R, Magalhaes C, Freitas C, Mendes J. A case study on dynamic thermal imaging evaluation of a thyroid nodule. *Thermology international* 2019, 29(4) 146-153
- Vargas J, Cuacita A, Riveros F. Thermographic analysis in electronic cycle converters with low conductivity load. *Allergy Asthma and Immunology Research* 2020; 13 (10) 3008-3015.
- Variane GF, Cunha LM, Pinto P, Brandao P, Mascaretti RS, Magalhães M, Sant'Anna GM. Therapeutic Hypothermia in Brazil: A MultiProfessional National Survey. *American Journal of Perinatology* 2019; 36 (11): 1150-1156.
- Vaupel P, Piazzena H, Müller W, Notter M. Biophysical and photobiological basics of water-filtered infrared-A hyperthermia of superficial tumors. *International Journal of Hyperthermia* 2019; 35 (1) 26-36.
- Vega RA, Ghia AJ, Tatsui CE. Percutaneous Hybrid Therapy for Spinal Metastatic Disease: Laser Interstitial Thermal Therapy and Spinal Stereotactic Radiosurgery. *Neurosurgery Clinics of North America* 2020; 31 (2) 211-219.
- Venkatesh R, Pereira A, Sangai S, Jain K, Gupta I, Aseem A, Singh V, Yadav N. Variability in imaging findings in choroidal nevus using multicolor imaging vis-à-vis color fundus photography. *Journal of Current Ophthalmology* 2020; 32 (3) 285-289.
- Verheyen D, Govaert M, Seow TK, Ruvina J, Mukherjee V, Baka M, Skåra T, Van Impe JFM. The Complex Effect of Food Matrix Fat Content on Thermal Inactivation of Listeria monocytogenes: Case Study in Emulsion and Gelled Emulsion Model Systems. *Frontiers in Microbiology* 2020; 10 art. no. 3149.
- Verius M, Frank F, Gizewski E, Broessner G. Magnetic Resonance Spectroscopy Thermometry at 3 Tesla: Importance of Calibration Measurements. *Therapeutic Hypothermia and Temperature Management* 2019; 9 (2) 146-155.
- Veronese G, Cipriani M, Bottioli M, Garascia A, Mondino M, Pedrotti P, Pini D, Cozzi O, Messina A, Droandi G, Petrella D, Frigerio M, Ammirati E. Fulminant myocarditis triggered by OC43 subtype coronavirus: A disease deserving evidence-based care bundles. *Journal of Cardiovascular Medicine* 2020; 21 (7) 529-531.
- Vesnovsky O, Zhu L, Grossman LW, Casamento JP, Chamani A, Wijekoon N, Topoleski LDT. Identifying critical design parameters for improved body temperature measurements: a clinical study comparing transient and predicted temperature measurements. *Journal of Medical Devices Transactions of the ASME* 2019; 13 (1), art. no. 011005-1.
- Vidal LWM, Cabral PGA, Dos Santos Junior MB, Antunes F, da Mota MR, da Silva TOB, Monteiro GAS, Scheffer JP, Ribeiro MDS, Oliveira ALA. Videothermometry to evaluate metabolic activity in real time during pneumectomy in rats. *Acta Cirurgica Brasileira* 2019; 34 (3), art. no. e201900302.
- Viegas F, de Mello MT, Rodrigues SA, Costa CMA, Freitas LSN, Rodrigues EL, Silva A. The use of thermography and its control variables: A systematic review .*Revista Brasileira de Medicina do Esporte* 2020; 26 (1) 82-86.
- Vigueras Becerril D, Rosales Hernández A, Chávez Monjarás SM, Hernández Morales AG. Infrared thermography evaluation of thermographic changes after intervention with instrumentalized manual therapy: A case study [Termografía infrarroja evaluación de cambios termográficos tras la intervención con terapia manual instrumentalizada: estudio de un caso]. *Fisioterapia* 2020; 42 (6) 327-331.

- Vijayan VM, Beeran AE, Shenoy SJ, Muthu J, Thomas V. New Magneto-Fluorescent Hybrid Polymer Nanogel for Theranostic Applications. *ACS Applied Bio Materials* 2 (2): 757-768.
- Villani FA, Aiuto R, Paglia L, Re D. Covid-19 and dentistry: Prevention in dental practice a literature review. *International Journal of Environmental Research and Public Health* 2020; 17 (12) art. no. 4609 1-12.
- Villard P, Muñoz, F, Balenghien T, Baldet T, Lancelot R, Hénaux V. Modeling Culicoides abundance in mainland France: Implications for surveillance. *Parasites and Vectors* 2019; 12 (1), art. no. 391.
- Vimercati L, Tafuri S, Chironna M, Loconsole D, Fucilli FIM, Migliore G, Gesualdo L. The COVID-19 hotel for healthcare workers: an Italian best practice. *Journal of Hospital Infection* 2020; 105 (3) 387-388.
- Vinales KL, Begaye B, Thearle MS, Krakoff J, Piaggi P. Core body temperature energy expenditure and epinephrine during fasting eucaloric feeding and overfeeding in healthy adult men: evidence for a ceiling effect for human thermogenic response to diet. *Metabolism: Clinical and Experimental* 2019; 94: 59-68.
- Vine AJ. Mount Sinai NY Surgeon on the Front Lines of the COVID-19 Pandemic in Brooklyn NY USA. *American Surgeon* 2020; 86 (6) 567-571.
- Viswanathan M, Kahwati L, Jahn B, Giger K, Dobrescu AI, Hill C, Klerings I, Meixner J, Persad E, Teufer B, Gartlehner G, Universal screening for SARS-CoV-2 infection: a rapid review. *Cochrane Database of Systematic Reviews* 2020 (9) art. no. CD013718.
- Vizzielli G, Cosentino F, Raimondo D, Turco LC, Vargiu V, Iodice R, Mastronardi M, Mabrouk M, Scambia G, Seracchioli R. Real three-dimensional approach vs two-dimensional camera with and without real-time near-infrared imaging with indocyanine green for detection of endometriosis: A case-control study. *Acta Obstetricia et Gynecologica Scandinavica* 2020; 99 (10) 1330-1338.
- Voelker J, Voelker C, Engert J, Schendzielorz P, Hagen R, Rak K, Severe tracheobronchial harm due to lithium button battery aspiration: An in vitro study of the pathomechanism and injury pattern. *International Journal of Pediatric Otorhinolaryngology* 2020; 139 art. no. 110431.
- Vohra F, Shuwaish MB, Al Deeb M, Alhamdan R, Alotaibi N, Abduljabbar T. Comparison of failure loads and compressive stress in press on metal and press on y-tzp copings. *Pakistan Journal of Medical Sciences* 2020; 36 (7) 1645-1650.
- Voitenkov VB, Komantsev VN, EKusheva EV, Skripchenko NV, Marchenko NV. Clinical case of Parry-Romberg syndrome. *Nervno-Myshechnye Bolezni* 2019; 9 (1): 75-82.
- Volkov L, Grard G, Bollaert P-E, Durand GA, Cravoisy A, Conrad M, Nace L, Courte G, Marnai R, Leparc-Goffart I, Gibot S. Viscerotrophic disease and acute uveitis following yellow fever vaccination: A case report. *BMC Infectious Diseases* 2020; 20 (1) art. no. 116.
- Volkov VI, Gorbachev EV, Kirichenko AE, Pilyar NV, Romanov SV, Sedykh GS, Smolkov RA. Thermometry System of NICA Booster Superconducting Magnets. *Physics of Particles and Nuclei Letters* 2020; 17 (4) 607-610.
- Vollono C, Rollo E, Romozzi M, Frisullo G, Servidei S, Borghetti A, Calabresi P. Focal status epilepticus as unique clinical feature of COVID-19: A case report, *Seizure* 2020; 78 109-112.
- Vrba J, Janca R, Blaha M, Jezdik P, Belohlavkova A, Krsek P, Vrba D. Modeling of Brain Tissue Heating Caused by Direct Cortical Stimulation for Assessing the Risk of Thermal Damage. *IEEE Transactions on Neural Systems and Rehabilitation Engineering* 2019; 27 (3), art. no. 8637974: 440-449.
- Wagenaar L, Van Roest M, Kruyissen LJW, Simons PJ, Boon L, Vonk MM, Van Esch BCAM, Knippels LMJ, Garssen J, Pieters RHH, Smit JJ. Non-digestible oligosaccharides scFOS/lcFOS facilitate safe subcutaneous immunotherapy for peanut allergy. *Clinical and Molecular Allergy* 2019; 17 (1), art. no. 7.

- Walker MR, Zhong J, Waspe AC, Looi T, Piorkowska K, Hawkins C, Drake JM, Hodaie M. Acute MR-guided high-intensity focused ultrasound lesion assessment using diffusion-weighted imaging and histological analysis. *Frontiers in Neurology* 2019; 10 (10), art. no. 1069
- Walser E, Nance A, Ynalvez, L, Yong S, Aoughsten JS, Eyzaguirre EJ, Williams SB. Focal Laser Ablation of Prostate Cancer: Results in 120 Patients with Low- to Intermediate-Risk Disease. *Journal of Vascular and Interventional Radiology* 2019; 30 (3): 401-409.e2.
- Walsh JJ, Huang Y, Simmons JW, Goodrich JA, McHugh B, Rothman DL, Elefteriades JA, Hyder F, Coman D. Dynamic thermal mapping of localized therapeutic hypothermia in the brain. *Journal of Neurotrauma* 2020; 37 (1) 55-65.
- Walter EB, Klein NP, Wodi AP, Rountree W, Todd CA, Wiesner A, Duffy J, Marquez PL, Broder KR. Fever after influenza diphtheria-tetanus-acellular pertussis and pneumococcal vaccinations. *Pediatrics* 2020; 145 (3) art. no. e20191909.
- Walters MJ, Tanios M, Koyuncu O, Mao G, Valente MA, Sessler DI. Intraoperative core temperature and infectious complications after colorectal surgery: A registry analysis. *Journal of Clinical Anesthesia* 2020; 63 art. no. 109758.
- Wan H, Cui J-A, Yang G-J. Risk estimation and prediction of the transmission of coronavirus disease-2019 (COVID-19) in the mainland of China excluding Hubei province. *Infectious Diseases of Poverty* 2020; 9 (1) art. no. 116.
- Wan W, Jiang L, Ji Y, Xun Y, Xiong L, Xiang Y, Li R, Li Z, Wang X, Stewart JM, Hu K. Effect of hypothermic perfusion on phacoemulsification in eyes with hard nuclear cataract: randomized trial. *Journal of Cataract and Refractive Surgery* 2019; 45 (12): 1717-1724.
- Wang AZ, Lupov IP, Sloan BK. A Novel Technique for Ice Water Immersion in Severe Drug-Induced Hyperthermia in the Emergency Department. *Journal of Emergency Medicine* 2019; 57 (5): 713-715.
- Wang C, Peng W, Yang J, Li Y, Yang J, Hu X, Xia L, Zhang L, Zhong Y, Qiao L, Pan W. Application of near-infrared fluorescent cholangiography using indocyanine green in laparoscopic cholecystectomy. *Journal of International Medical Research* 2020; 48 (12),
- Wang H, Ly A, Yapp M, Assaad N, Kalloniatis M. Multimodal imaging characteristics of congenital grouped hyper- and hypo-pigmented fundus lesions. *Clinical and Experimental Optometry* 2020; 103 (5) 641-647.
- Wang J, Lee YF, Zhou M. What is the best timing for health care workers infected with COVID-19 to return to work? *American Journal of Infection Control* 2020; 48 (9) 1128-1129.
- Wang L, Xu X, Ruan J, Lin S, Jiang J, Ye H. Quadruple therapy for asymptomatic COVID-19 infection patients. *Expert Review of Anti-Infective Therapy* 2020; 18 (7) 617-624.
- Wang M, Yan W, Qi W, Wu D, Zhu L, Li W, Wang X, Ma K, Ni M, Xu D, Wang H, Chen G, Yu H, Ding H, Xing M, Han M, Luo X, Chen T, Guo W, Xi D, Ning Q. Clinical characteristics and risk factors of liver injury in COVID-19: a retrospective cohort study from Wuhan China. *Hepatology International* 2020; 14 (5) 723-732.
- Wang RJ, Katha G, Phiri M, Delbridge P, Gordon SB, Calfee CS, Huang L, Rylance J. Sonographic B-Lines fluid resuscitation and hypoxemia in Malawian patients with suspected sepsis. *American Journal of Respiratory and Critical Care Medicine* 2020; 202 (3) 463-466.
- Wang S, Richardson MB, Wu CYH, Zaitchik BF, Gohlke JM. Effect of an additional 30 minutes spent outdoors during summer on daily steps and individually experienced heat index. *International Journal of Environmental Research and Public Health* 2020; 17 (20) art. no. 7558 1-15.
- Wang T, Wu T, Wang H, Dong W, Zhao Y, Chu Z, Yan G, Chang Y. Comparative study of denitrifying-mbbrs with different polyethylene carriers for advanced nitrogen removal of real reverse osmosis concentrate. *International Journal of Environmental Research and Public Health* 2020; 17 (8) art. no. 2667.

- Wang T, Xu J, Molinos JG, Li C, Hu B, Pan M, Zhang M. A dynamic temperature difference control recording system in shallow lake mesocosm. *MethodsX* 7 art. no. 100930.
- Wang X, Jiang Y, Bai Y, Pan C, Wang R, He M, Zhu J. Association between air temperature and the incidence of acute coronary heart disease in northeast China. *Clinical Interventions in Aging* 2020; 15: 47-52.
- Wang Y, Chen H. In Reply to Ghadjar et al. *International Journal of Radiation Oncology Biology Physics* 2020; 107 (4) p, 856.
- Wang Y, Jiang R, Yu J. Thermal field study of ceramic slot microwave ablation antenna based on specific absorption rate distribution function. *Journal of Cancer Research and Therapeutics* 2020; 16 (5) 1140-1147.
- Wang Y, Li J, Liu L, Li J, Liu X, He J, Wang C, Ye D, Wang X, Zhou F. Measures for preventing nosocomial infection with SARS-CoV-2 in hematology departments. *Annals of Hematology* 99 (8) 1933-1938.
- Wang Y, Mu L, He Y, Tang Y, Liu C, Lu Y, Xu L. Heat transfer analysis of blood perfusion in diabetic rats using a genetic algorithm, *Microvascular Research* 2020; 131 art. no. 104013.
- Wang Z, He R, Chen K. Thermal comfort and virtual reality headsets, *Applied Ergonomics* 2020; 85 art. no. 103066.
- Wasserlauf J, Verma N. Atrial-esophageal fistula as a complication of AF ablation: A tough one to swallow. *Journal of Cardiovascular Electrophysiology* 2020; 31 (6) 1377-1378.
- Waters M, Beliavsky A, Gough K. Talaromyces marneffei fungemia after travel to China in a Canadian patient with AIDS. *CMAJ* 2020; 192 (4) E92-E95.
- Weatherall A, Gill M, Milligan J, Tetlow C, Harris C, Garner A, Lee A. Comparison of portable blood-warming devices under simulated pre-hospital conditions: a randomised in-vitro blood circuit study. *Anaesthesia* 2019; 74 (8): 1026-1032.
- Weatherall SL, Chambers AB, Mermel LA. Do Bacteremic patients with end-stage renal disease have a fever when presenting to the emergency department? A paired retrospective cohort study. *BMC Emergency Medicine* 2020; 20 (1) art. no. 2.
- Wei Q, Park H-J, Lee JH. Development of a wireless health monitoring system for measuring core body temperature from the back of the body. *Journal of Healthcare Engineering* 2019, art. no. 8936121.
- Wei W, Wang S, Wang H, Quan H. The application of 6S and PDCA management strategies in the nursing of COVID-19 patients, *Critical Care* 2020; 24 (1) art. no. 443.
- Wei Y, Yang H, Gao Z, Liu Y, Xing G, Dang P, Kheraif AAA, Li G, Lin J, Liu R-S. Strategies for Designing Antithermal-Quenching Red Phosphors, *Advanced Science* 2020; 7 (8) art. no. 1903060.
- Weibel L, Theiler M, Howell KJ, Denton CP, Waelchli R, Atherton D, Woo P, Harper JI. Prospective evaluation of treatment response and disease reversibility of paediatric localized scleroderma (morphoea) to steroids and methotrexate using multi-modal imaging. *Journal of the European Academy of Dermatology and Venereology* 2020; 34 (7) 1609-1616.
- Weidman EK, Kaplitt MG, Strybing K, Levi Chazen J. Repeat magnetic resonance imaging-guided focused ultrasound thalamotomy for recurrent essential tremor: Case report and review of MRI findings. *Journal of Neurosurgery* 2020; 132 (1) 211-216.
- Wellons JC, III Grant G, Krieger MD, Ragheb J, Robinson S, Weprin B, Ojemann J. Early lessons in the management of COVID-19 for the pediatric neurosurgical community from the leadership of the American Society of Pediatric Neurosurgeons. *Journal of Neurosurgery: Pediatrics* 2020; 26 (1) 1-2.
- Wen X, Li Y. Anesthesia procedure of emergency operation for patients with suspected or confirmed COVID-19. *Surgical Infections* 2020; 21 (3) p, 299.

West N, Cooke E, Morse D, Merchant RN, Görges M. Zero-heat-flux core temperature monitoring system: an observational secondary analysis to evaluate agreement with naso-/oropharyngeal probe during anesthesia. *Journal of Clinical Monitoring and Computing* 2020; 34 (5) 1121-1129.

Whittington RH, Muessig D, Reddy R, Mohammad A, Mitchell K, Brumbaugh J, Mehta D, Hayes D. Temperature monitoring with an implantable loop recorder in a patient with presumed COVID-19. *HeartRhythm Case Reports* 2020; 6 (8) 477-481.

Wielogórska NL, Ekwobi CC. In brief. *Current Problems in Surgery* 2020; 57 (9) art. no. 100857.

Wienholtz NKF, Christensen CE, Haugaard JH, Zhang DG, Ashina M, Thyssen JP, Egeberg A, Cohort profile: COpenhagen ROsacea COhort (COROCO) and COpenhagen Migraine COhort (COMICO)-BMJ Open 2020; 10 (8) art. no. e039445.

Wierzbicka M, Niemczyk K, Jaworowska E, Burduk P, Skladzien J, Szyfter W, Markowski J. Recommendations of the main board of the polish society of otorhinolaryngologists head and neck surgeons for providing services during the COVID-19 pandemic for outpatient and hospital practices. *Otolaryngologia Polska* 2020; 74 (3) 1-5.

Wijdicks EFM. Suspended (but No Animation) White's Isolated Brain Experiments. *Neurocritical Care* 2020; 33 (3) 840-843.

Wilczyński S, Stolecka-Warzecha A, Deda A, Koprowski R, Flasz, K, Błoński B, Musioł, M. In vivo dynamic thermal imaging of skin radiofrequency treatment. *Journal of Cosmetic Dermatology* 2019; 18 (5): 1307-1316.

Wilhelms DB, Dock H, Brito HO, Pettersson E, Stojakovic A, Zajdel J, Engblom D, Theodorsson E, Hammar ML, Spetz Holm A-CE. CGRP is critical for hot flushes in ovariectomized mice. *Frontiers in Pharmacology* 2019; 9 (1), art. no. 1452.

Willie JT, Malcolm JG, Stern MA, Lowder LO, Neill SG, Cabaniss BT, Drane DL, Gross RE. Safety and effectiveness of stereotactic laser ablation for epileptogenic cerebral cavernous malformations. *Epilepsia* 2019; 60 (2): 220-232

Winkle RA, Mohanty S, Patrawala RA, Mead RH, Kong MH, Engel G, Salcedo J, Trivedi CG, Gianni C, Jais P, Natale A, Day JD. Low complication rates using high power (45–50 W) for short duration for atrial fibrillation ablations. *Heart Rhythm* 2019; 16 (2): 165-169.

Winter L, Silemek B, Petzold J, Pfeiffer H, Hoffmann W, Seifert F, Ittermann B. Parallel transmission medical implant safety testbed: Real-time mitigation of RF induced tip heating using time-domain E-field sensors. *Magnetic Resonance in Medicine* 2020; 84 (6) 3468-3484.

Wittenborn J, Clausen A, Zeppernick F, Stickeler E, Meinhold-Heerlein I. Prevention of Intraoperative Hypothermia in Laparoscopy by the Use of Body-Temperature and Humidified CO₂: A Pilot Study. *Geburtshilfe und Frauenheilkunde* 2019; 79 (9): 969-975.

Wong EJM, Too CW, Venkatanarasimha N, Lee KA, Tan ASM, Zhuang KD, Leong S. Letter to the editor: Comment on a case report of thermal injury to spinal cord a rare complication of percutaneous microwave spine tumour ablation. *Journal of Clinical Neuroscience* 2020; 81 120-121.

Wong JG, Aung A-H, Lian W, Lye DC, Ooi C-K, Chow A. Risk prediction models to guide antibiotic prescribing: a study on adult patients with uncomplicated upper respiratory tract infections in an emergency department. *Antimicrobial Resistance and Infection Control* 2020; 9 (1) art. no. 171.

Wong MKH, Rocha BA, Au TWK. Intracardiac foreign body: A rare cause of recurrent fungemia. *Journal of Cardiac Surgery* 2020; 35 (10) 2844-2846.

Wong S, Srinivasan S, Murphy PJ, Jones L. Comparison of meibomian gland dropout using two infrared imaging devices. *Contact Lens and Anterior Eye* 2019; 42 (3): 311-317.

Woodrum DA, Kawashima A, Gorny KR, Mynderse LA. Magnetic Resonance-Guided Prostate Ablation. *Seminars in Interventional Radiology* 2019; 36 (5) 351-366.

Worsley PR, Crielaard H, Oomens CWJ, Bader DL, An evaluation of dermal microcirculatory occlusion under repeated mechanical loads: Implication of lymphatic impairment in pressure ulcers. *Microcirculation* 2020; 27 (7) art. no. e12645.

Wortsman X. Why how and when to use color Doppler ultrasound for improving precision in the diagnosis assessment of severity and activity in morphea. *Journal of Scleroderma and Related Disorders* 2019; 4 (1): 28-34

Wright CJ, Collings R, Morris J, Clausen R, Farress-Gregg V. Plantar Quad-Zone Analysis: A study of healthy feet. *Thermology international* 2020, 30(4): 113-120

Wu D, Liu Q, Wu T, Wang D, Lu J, The impact of COVID-19 control measures on the morbidity of varicella herpes zoster rubella and measles in Guangzhou China. *Immunity Inflammation and Disease* 2020; 8 (4) 844-846.

Wu F, Lv H, He X, Cheng Z, Jia H, Xie S, Liu Y, Ye G, He H. Selective Am(III) stripping with water-soluble PyTri-Diol in nitric acid from HDEHP organic phase. *Journal of Radioanalytical and Nuclear Chemistry* 2020; 323 (1) 283-289.

Wu K, Hirsch LJ, Babl FE, Josephson SA. Choosing anticonvulsant medications to manage status epilepticus. *New England Journal of Medicine* 2020; 382 (26) 2569-2572.

Wu M, Junker D, Branca RT, Karampinos DC. Magnetic Resonance Imaging Techniques for Brown Adipose Tissue Detection. *Frontiers in Endocrinology* 2020; 11 art. no. 421.

Wu M, Mulder HT, Baron P, Coello E, Menzel MI, van Rhoon GC, Haase A. Correction of motion-induced susceptibility artifacts and B0 drift during proton resonance frequency shift-based MR thermometry in the pelvis with background field removal methods. *Magnetic Resonance in Medicine* 2020; 84 (5) 2495-2511.

Wu M, Mulder HT, Zur Y, Lechner-Greite S, Menzel MI, Paulides MM, van Rhoon GC, Haase A. A phase-cycled temperature-sensitive fast spin echo sequence with conductivity bias correction for monitoring of mild RF hyperthermia with PRFS. *Magnetic Resonance Materials in Physics Biology and Medicine* 2019; 32 (3): 369-380.

Wu TC, Pisani C, Scanavacca MI. Approaches to the Diagnosis and Management of Atrial-Esophageal Fistula After Catheter Ablation for Atrial Arrhythmias. *Current Cardiovascular Risk Reports* 2019; 13 (4), art. no.

Wu T-W, L, Wisnowski J, Geisler RF, Reitman A, Ho E, Tamrazi B, Chapman R, Blüml S. An In Vivo Assessment of Regional Brain Temperature during Whole-Body Cooling for Neonatal Encephalopathy. *Journal of Pediatrics* 2020; 220 73-79.e3.

Wu X, Zhou H, Huang W, Jia B. Strategies for qualified triage stations and fever clinics during the outbreak of COVID-2019 in the county hospitals of Western Chongqing. *Journal of Hospital Infection* 2020; 105 (2) 128-129.

Wu Y, Jiang M, Chang Z, Li Y, Shi K. Does China's urban development satisfy Zipf's law? A multiscale perspective from the NPP-VIIRS nighttime light data. *International Journal of Environmental Research and Public Health* 2020; 17 (4) art. no. 1460.

Wu Y, Lin H, Xie Q, Chen Q, Huang Y, Zhu Y, Chen L. COVID-19 in a patient with pre-existing acute lymphoblastic leukaemia. *British Journal of Haematology* 190 (1) e13-e15.

Xiang H, Gao R, Yan J, Li J, Li J, Lu F, Tang Y. Surgical treatment of coronary pseudoaneurysm: A case report and literature review. *Heart Surgery Forum* 2020; 23 (3) E287-E291.

Xiao W, Li K, Kiu-Huen Ng S, Feng S, Zhou H, Nicoli F, Blondeel P, Zhang Y, A Prospective Comparative Study of Color Doppler Ultrasound and Infrared Thermography in the Detection of Perforators for Anterolateral Thigh Flaps. *Annals of Plastic Surgery* 2020; 84 (5S Suppl 3) S190-S195.

Xie D, Wang C, Yu CW, Wang Y, Wang H. Performance of capillary ceiling cooling panel on ceiling surface temperature and indoor thermal environment. *Indoor and Built Environment* 2020; 29 (6) 881-894.

Xiong S, Chen X, Liu Y, Fan T, Wang Q, Zhang H, Chen T. Black phosphorus as a versatile nanoplatform: From unique properties to biomedical applications. *Journal of Innovative Optical Health Sciences* 2020; 13 (5) art. no. 2030008.

Xu A, Yang G-G, Zhang Y, Zhao S-T. Heptaphylline suppresses the proliferation and migration of human bladder cancer cells via induction of intrinsic apoptosis autophagy and inhibition of β -catenin signalling pathway. *Journal of BUON2020*; 25 (1) 274-279.

Xu A, Zhu H, Gao B, Weng H, Ding Z, Li M, Weng X, He G. Diagnosis of severe community-acquired pneumonia caused by *Acinetobacter baumannii* through next-generation sequencing: A case report. *BMC Infectious Diseases* 2020; 20 (1) art. no. 45.

Xu BY, Vasanwala FF, Low SG. A case report of an atypical presentation of pyogenic iliopsoas abscess *BMC Infectious Diseases* 2019, 19 (1), art. no. 58.

Xu X, Lian C, Liu Y, Ding H, Lu Y, ShangGuan W. Warming efficacy of Ranger™ and FT2800 fluid warmer under different room temperatures and flow rates. *Journal of Clinical Monitoring and Computing* 2020; 34 (5) 1105-1110.

Yafit D, Basov S, Katzir A, Fliss D, DeRowe A. Laser Soldering of Cartilage Graft Interposed Into a Tracheal Incision in a Porcine Model. *Laryngoscope* 2019, 129 (1): 58-62.

Yakavets I, Francois A, Guiot M, Lequeux N, Fragola A, Pons T, Bezdetnaya L, Marchal F. NIR imaging of the integrin-rich head and neck squamous cell carcinoma using ternary copper indium selenide/zinc sulfide-based quantum dots. *Cancers* 2020; 12 (12) art. no. 3727 1-16.

Yalçınkaya R, Polat M, Özdel S, Arslan H, Tanır G. Epstein–Barr Virus-Associated Haemorrhagic Bullous Henoch–Schonlein Purpura. *Journal of Paediatrics and Child Health* 2020; 56 (12) p, 1993.

Yamaguchi S, Aizawa H, Sato A, Tsujino T, Isobe K, Kitamura Y, Watanabe T, Okudera H, Mourão CF, Kawase T. Concentrated Growth Factor Matrices Prepared Using Silica-Coated Plastic Tubes Are Distinguishable From Those Prepared Using Glass Tubes in Platelet Distribution: Application of a Novel Near-Infrared Imaging-Based Quantitative Technique. *Frontiers in Bioengineering and Biotechnology* 2020; 8 art. no. 600.

Yamaguchi T, Hori T, Hori H, Takasaki M, Abe K, Taira T, Ishii K, Watanabe K, Magnetic resonance-guided focused ultrasound ablation of hypothalamic hamartoma as a disconnection surgery: a case report. *Acta Neurochirurgica* 2020; 162 (10) 2513-2517.

Yamashiro LH, de Souza GEP, de Melo Soares D. Role of CINC-1 and CXCR2 receptors on LPS-induced fever in rats. *Pflugers Archiv European Journal of Physiology* 2019, 471 (2): 301-311.

Yamashita Y, Joshita S, Ito T, Maruyama M, Wada S, Umemura T, A case report of pancreatic panniculitis due to acute pancreatitis with intraductal papillary mucinous neoplasm. *BMC Gastroenterology* 2020; 20 (1) art. no. 286.

Yamazaki K, Minatoya K, Sakamoto K, Kitagori K, Okuda M, Murakami K. Hypothermic circulatory arrest for aortic dissection with cryoglobulinemia. *Journal of Cardiac Surgery* 2020; 35 (11) 3169-3172.

Yamei Y, Yanbo Z, Yuhong J, Xueyan B. Infection prevention and control in blood purification centers during the COVID-19 epidemic: A single institution experience from Zhejiang China. *Infezioni in Medicina* 2020; 28 126-127.

Yan A, Lin L, Liu C, Shi J, Na S, Wang LV. Microwave-induced thermoacoustic tomography through an adult human skull. *Medical Physics* 2019, 46 (4): 1793-1797.

Yang J, Wang Q, Wang S, Zhang Y, Wang Z. Unusual drug fever caused by imipenem/cilastatin and a review of literature. *Heart Surgery Forum* 2019, 22 (2): E119-E123.

Yang K, Wang L, Li F, Chen D, Li X, Qiu C, Chen R. The influence of preventive strategies on the COVID-2019 epidemic in Shenzhen China. *European Respiratory Journal* 2020; 55 (5) art. no. 2000599.

Yang L, Wu D. Management measures for non-medical staff on psychiatric hospital wards during the COVID-19 pandemic. *BJPsych Bulletin* 2020; 44 (4) p, 179.

- Yang S-L, Zhu J, Lu J-H, Wang Z-G, Xiao Y-Q, Dong Q, Han X. Clinical Reasoning: A 22-year-old man with progressive bilateral visual loss. *Neurology* 2020; 94 (14) 625-630.
- Yang W, Li C, Wang F, Dou K, Cheng Y, Ni B, Hou X. Retrospective analysis of the on-site treatment of the coronavirus disease 2019 epidemic on the Costa Crociere cruise. *Zhonghua wei zhong bing ji jiu yi xue* 2020; 32 (6) 750-753.
- Yang X, Wang C, Wu L, Jiang X, Zhang S, Jing F. Hemorrhagic fever with renal syndrome with secondary hemophagocytic lymphohistiocytosis in West China: A case report. *BMC Infectious Diseases* 2019, 19 (1), art. no. 492.
- Yang X, Zhang C, Zhang J, Chen G, Zhao L, Yang P, Li H, Long Y. Autoimmune glial fibrillary acidic protein astrocytopathy mimics infectious meningitis: Two case reports. *Multiple Sclerosis and Related Disorders* 2020; 45 art. no. 102350.
- Yang Y, Wu D. Research shortcomings of fluorescent nanothermometers in biological and medical fields. *Nanomedicine* 2020; 15 (8) 735-738.
- Yang Y, Xin Y, Ma F-Y, Wang Z, Xu L, Zhang W-G, Ma S-W. UHPLC-Q-Exactive-Orbitrap MS for quantification of ten components in Fuzi Lzhong Decoction. *Chinese Traditional and Herbal Drugs* 2020; 51 (7) 1839-1844.
- Yates PA, Newman SA, Oshry LJ, Glassman RH, Leone AM, Reichel E. Doxycycline treatment of high-risk COVID-19-positive patients with comorbid pulmonary disease. *Therapeutic Advances in Respiratory Disease* 2020; 14.
- Yavuz M, Ersen A, Monga A, Lavery LA, Garrett AG, Salem Y, Hirschman GB, Myers R. Temperature-and Pressure-Regulating Insoles for Prevention of Diabetic Foot Ulcers. *Journal of Foot and Ankle Surgery* 2020; 59 (4) 685-688.
- Yazdanirad S, Golbabaei F, Foroushani AR, Monazzam MR, Dehghan H. Development and validation of an environmental heat strain risk assessment (EHSRA) index using structural equation modeling based on empirical relations. *Environmental Health and Preventive Medicine* 2020; 25 (1) art. no. 63.
- Ye M, Fu D, Ren Y, Wang F, Wang D, Zhang F, Xia X, Lv T. Treatment with convalescent plasma for COVID-19 patients in Wuhan China. *Journal of Medical Virology* 2020; 92 (10) 1890-1901.
- Ye X-T, Luo Y-L, Xia S-C, Sun Q-F, Ding J-G, Zhou Y, Chen W, Wang X-F, Zhang W-W, Du W-J, Ruan Z-W, Hong L. Clinical efficacy of lopinavir/ritonavir in the treatment of Coronavirus disease 2019. *European Review for Medical and Pharmacological Sciences* 2020; 24 (6) 3390-3396.
- Ye Z, Chen J, Chen M, Wu J, Is the interstitial lung disease induced by trastuzumab? Case report and literature review. *Journal of Clinical Pharmacy and Therapeutics* 45 (5) 1183-1186.
- Yeoman K, Dubose W, Bauerle T, Victoroff T, Finley S, Poplin G. Patterns of Heat Strain among a Sample of US Underground Miners. *Journal of Occupational and Environmental Medicine* 2019, 61 (3): 212-218.
- Yilmaz, I, Günes Ü.Y. Sacral skin temperature and pressure ulcer development: A descriptive study. *Wound Management and Prevention* 2019, 65 (8): 30-37
- Ying W, Pinilla-Vera M, Zakaria S. Acute myopericarditis as a cause of isolated right ventricular failure. *Future Cardiology* 2020; 16 (3) 171-178.
- Yogo N, Imamura T, Muto Y, Hirai K. Cardiopulmonary failure as a result of brainstem encephalitis caused by enterovirus D68. *BMJ Case Reports* 2019, 12 (11), art. no. e231990.
- Yoshida S, Koshima I, Imai H, Uchiki T, Sasaki A, Fujioka Y, Nagamatsu S, Yokota K. Lymphaticovenular anastomosis and venous arterialization in coexisting Raynaud's phenomenon and lymphedema: A case report. *Microsurgery* 2019, 39 (6): 553-558.
- You YH, Park JS, Yoo IS, Min JH, Jeong WJ, Cho YC, Ryu S, Lee JW, Kim SW, Cho SU, Oh SK, Ahn HJ, In YN, Kwack CH, Yi KS, Lee DH, Lee BK, Park KH, Lee IH, Kim SM, Kwon IS. Usefulness of a quantitative analysis of the cerebrospinal fluid volume proportion in brain computed tomography for

predicting neurological prognosis in cardiac arrest survivors who undergo target temperature management. *Journal of Critical Care* 2019; 51: 170-174.

Yousef RH, Baothman OAS, Abdulaal WH, Abo-Golayel MK, Darwish AA, Moselhy SS, Ahmed YM, Hakeem KR. Potential antitumor activity of exopolysaccharide produced from date seed powder as a carbon source for *Bacillus subtilis*. *Journal of Microbiological Methods* 2020; 170 art. no. 105853.

Yu EYT, Leung WLH, Wong SYS, Liu KSN, Wan EYF, HKCFP Executive and Research Committee How are family doctors serving the Hong Kong community during the covid-19 outbreak? A survey of HKCFP members, *Hong Kong Medical Journal* 2020; 26 (3) 176-183.

Yu P, Zhu J, Zhang Z, Han Y. A familial cluster of infection associated with the 2019 novel coronavirus indicating possible person-to-person transmission during the incubation period. *Journal of Infectious Diseases* 2020; 221 (11) 1757-1761.

Yu S, Li C, Ding Y, Huang S, Wang W, Wu Y, Wang F, Wang A, Han Y, Sun Z, Lu Y, Gu N. Exploring the 'cold/hot' properties of traditional Chinese medicine by cell temperature measurement. *Pharmaceutical Biology* 2020; 58 (1) 208-218.

Yu S, Xu J, Shang X, Zheng W, Huang P, Li R, Tu D, Chen X. A Dual-Excitation Decoding Strategy Based on NIR Hybrid Nanocomposites for High-Accuracy Thermal Sensing. *Advanced Science* 2020; 7 (20) art. no. 2001589.

Yuan M, Wang Y, Qin Y-X. Engineered nanomedicine for neuroregeneration: light emitting diode-mediated superparamagnetic iron oxide-gold core-shell nanoparticles functionalized by nerve growth factor. *Nanomedicine: Nanotechnology Biology and Medicine* 2019, 21, art. no. 102052.

Yuan P, Ruan Z, Li T, Tian Y, Cheng Q, Yan L. Sharp pH-sensitive amphiphilic polypeptide macrophotosensitizer for near infrared imaging-guided photodynamic therapy. *Nanomedicine: Nanotechnology Biology and Medicine* 2019, 15 (1): 198-207

Yuan S, Jiang S-C, Li Z-L. Iterative Monitoring of Temperatures in Confinement for Early Screening of SARS-CoV-2 Infections. *Frontiers in Medicine* 2020; 7 art. no. 564377.

Yufang L, Yanning Z, Jiacheng W. Preventive oral rehydration salts III could protect intestinal function in rats with exertional heatstroke. *Zhonghua Wei Zhong Bing Ji Jiu Yi Xue* 2019, 31 (5): 598-602.

Yuksek A, Talih G. The truth we cannot see; hypothermia in patients under spinal anesthesia. *Medical Journal of Bakirkoy* 2020; 16 (2) 108-113.

Yurdaş Kirimlioğlu G. Host-guest inclusion complex of desloratadine with 2-(Hydroxy)propyl- β -cyclodextrin (hp- β -cd): Preparation binding behaviors and dissolution properties. *Journal of Research in Pharmacy* 2020; 24 (5) 693-707.

Zadorozhnyy O. New possibilities of infrared thermography in ophthalmology. *Oftalmologija. Vostochnaja Evropa* 2019, 9 (2): 184-191.

Zago S, Piacquadio E, Monaro M, Orrù, G, Sampaoletti E, Difonzo T, Toncini A, Heinzl E. The detection of malingered amnesia: An approach involving multiple strategies in a mock crime. *Frontiers in Psychiatry* 2019, 10, art. no. 424

Zajonz TS, Padberg W, Mann STW, Gehron J, Sander M, Mann V. Anesthetic Management During Pediatric Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy With Cisplatin in a Small Child: A Case Report and Systematic Literature Review. *A&A practice* 2020; 14 (1) 1-5.

Zakharieva NN, Alhakim A. Age-related features of morphofunctional status and temperature homeostasis in highly skilled football players. *Human Sport Medicine* 2019, 19 (1): 135-139

Zakroff CJ, Mooney TA, Antagonistic Interactions and Clutch-Dependent Sensitivity Induce Variable Responses to Ocean Acidification and Warming in Squid (*Doryteuthis pealeii*) Embryos and Paralarvae. *Frontiers in Physiology* 2020; 11 art. no. 501.

Zamechnik TV, Losev AG, Levshinsky VV. Results of optimization of diagnostic signs of breast cancer received by microwave radiometry]. *Medical News of North Caucasus* 2019, 14 (1): 48-52.

- Zang L, Zhou Y, Kang J, Song C. Effect of the Combination of Different Electrode Spacings and Power on Bipolar Radiofrequency Fat Dissolution: A Computational and Experimental Study. *Lasers in Surgery and Medicine* 2020; 52 (10) 1020-1031.
- Zannou AL, Khadka N, Truong DQ, Zhang T, Esteller R, Hershey B, Bikson M. Temperature increases by kilohertz frequency spinal cord stimulation. *Brain Stimulation* 2019, 12 (1): 62-72.
- Zelen CM, Gould LJ, Li WW. Clinical achievement of wound closure and tissue quality with a novel microvascular tissue graft. *Wounds* 2019, 31 (4): E29-E32.
- Zeng X, Chen Q, Gong G, Yuan F, Wang T, Zhang G, Li X, Wang D, Wang Q. A simple formula to correct for the effects of storage time and temperature on the insulin concentration. *Journal of Clinical Laboratory Analysis* 2020; 34 (7) art. no. e23255.
- Zeng X, Guan Y, Wu W, Wang L, Cai H, Fang Q, Yu S, Zheng C. Analysis of factors influencing cystic echinococcosis in northwest non-Qinghai Tibetan Plateau regions of China. *American Journal of Tropical Medicine and Hygiene* 2020; 102 (3) 567-573.
- Zhan Z-Y, Tian Q, Chen T-T, Ye Y, Lin Q, Han D, Ou C-Q. Temperature variability and hospital admissions for chronic obstructive pulmonary disease: Analysis of attributable disease burden and vulnerable subpopulation. *International Journal of COPD* 2020; 15: 2225-2235.
- Zhang C, Zhang H, Li G, Zhang H, Fei Y. Analysis of time and temperature stability of EDTA anticoagulation whole blood for complete blood count parameters with the use of Abbott CELL-DYN Sapphire hematology analyzer. *International Journal of Laboratory Hematology* 2020; 42 (2) e59-e64.
- Zhang D, Li T, Wang P, Wang W, Feng M, Li L, Jiang Q, Lan M, Orlandini LC, Li J, Lang J, Experts consensus on epidemic prevention and control in radiotherapy centers during the COVID-19 outbreak: Experiences from Sichuan Province. *Clinical and Translational Radiation Oncology* 2020; 24: 88-91.
- Zhang HY, Kim DW, Lee HK, Song HJ, Yang KH. Fever Screening IR Camera Equipped With Body Temperature Data. *Thermology international* 2019, 29(2) 74-75
- Zhang HYI, Youk T, Lee HK, Song HJ, Yang KH. Reference standard temperature data of normal Korean extremities. *Thermology international* 2019, 29(2) 67-72
- Zhang J, Chauhan S. Fast computation of soft tissue thermal response under deformation based on fast explicit dynamics finite element algorithm for surgical simulation. *Computer Methods and Programs in Biomedicine* 2020; 187: art. no. 105244.
- Zhang J, Tian S, Lou J, Chen Y. Familial cluster of COVID-19 infection from an asymptomatic. *Critical Care* 2020; 24 (1) art. no. 119.
- Zhang J, Zhou L, Yang Y, Peng W, Wang W, Chen X. Therapeutic and triage strategies for 2019 novel coronavirus disease in fever clinics. *The Lancet Respiratory Medicine* 2020; 8 (3) e11-e12.
- Zhang J-C, Yu X-H, Ding X-H, Ma H-Y, Cai X-Q, Kang S-C, Xiang D-W. New HIV diagnoses in patients with COVID-19: two case reports and a brief literature review. *BMC Infectious Diseases* 2020; 20 (1) art. no. 771.
- Zhang L, Armstrong T, Li X, Wu HH. A variable flip angle golden-angle-ordered 3D stack-of-radial MRI technique for simultaneous proton resonant frequency shift and T1-based thermometry. *Magnetic Resonance in Medicine* 2019, 82 (6): 2062-2076.
- Zhang L, Li Y, Zhang Q, Du N, Li X, Zhang Q, Yuan L, Dong F, Jiang Y, Tang J, Wang Y. Antimicrobial Activity of an Implantable Wireless Blue Light-Emitting Diode against Root Canal Biofilm in Vitro. *Photobiomodulation Photomedicine and Laser Surgery* 2020; 38 (11) 694-702.
- Zhang P, Moretti M, Allione M, Tian Y, Ordóñez-Loza J, Altamura D, Giannini C, Torre B, Das G, Li E, Thoroddsen ST, Sarathy SM, Autiero I, Giugni A, Gentile F, Malara N, Marini M, Di Fabrizio E. A droplet reactor on a super-hydrophobic surface allows control and characterization of amyloid fibril growth. *Communications Biology* 2020; 3 (1) art. no. 457.

Zhang S, Fan L, Mei W. Blood flow index and skin temperature measured by laser speckle contrast imaging and infrared thermography after specific ultrasound-guided blocking of the c6 c7 nerve root: A case report. *Journal of Pain Research* 2020; 13: 2577-2583.

Zhang S, Osumi H, Uchizawa A, Hamada H, Park I, Suzuki Y, Tanaka Y, Ishihara A, Yajima K, Seol J, Satoh M, Omi N, Tokuyama K, Changes in sleeping energy metabolism and thermoregulation during menstrual cycle. *Physiological Reports* 2020; 8 (2) art. no. e14353.

Zhang T-Q, Huang S-M, Gu Y-K, Jiang X-Y, Huang Z-M, Deng H-X, Huang J-H. Sequential and Simultaneous 4-Antenna Microwave Ablation in an Ex Vivo Bovine Liver Model. *CardioVascular and Interventional Radiology* 2019, 42 (10): 1466-1474

Zhang W-J, Zhu Z-M, Luo H-L, Severe emphysematous cystitis complicated with perforation bilateral renal cortical atrophy and sepsis: a case report. *Journal of International Medical Research* 2020; 48 (7),

Zhang Y, Wang H-B, Chu B, Zhao H-Z, Li H, Zhou H-M, Wang T. Disparate effects of methicillin-resistant *Staphylococcus aureus* infection on renal function in IgA-dominant infection-associated glomerulonephritis and menstrual toxic shock syndrome: a case report and literature review. *Journal of International Medical Research* 2020; 48 (8).

Zhang Y, Zhang L, Management practice of allergic rhinitis in china during the covid-19 pandemic. *Allergy Asthma and Immunology Research* 2020; 12 (4) 738-742.

Zhang Z, Chung H, Gong T, Fever Abdominal Pain and Jaundice in a Pacific Islander Woman. *JAMA - Journal of the American Medical Association* 2020; 323 (3) 272-273.

Zhao Q, Li X, Zhang W, Chu C, Yao L, Zhang Y, Qian Q, Li M, Li S, Li N, Zhao X, Song H, Wang Y, Huang B. Epidemiological characteristics and spatial analysis of tick-borne encephalitis in Jilin Province China. *American Journal of Tropical Medicine and Hygiene* 2019, 101 (1): 189-197

Zhao S, Zou J, Wang H, Qin J, Lu X, Zhang A, Xu LX. A new radiofrequency balloon angioplasty device for atherosclerosis treatment. *BioMedical Engineering Online* 2020; 19 (1) art. no. 44.

Zhao Y, Iyer RS, Reichley L, Oron AP, Gove NE, Kitsch AE, Biswas D, Friedman S, Partridge SC, Wallace CA. A Pilot Study of Infrared Thermal Imaging to Detect Active Bone Lesions in Children With Chronic Nonbacterial Osteomyelitis. *Arthritis Care and Research* 2019, 71 (11): 1430-1435.

Zheng K, Yu X, Hu Y, Zhang Y, Wang Z, Wu S, Shen J, Ye Z, Tu C, Zhang Y, Wei X, Hu Y, Wang X, Li J, Duan H, Wu Y, Xu M, Yuan Z, Wei Y, Chen B. Clinical Guideline for Microwave Ablation of Bone Tumors in Extremities. *Orthopaedic Surgery* 2020; 12 (4) 1036-1044.

Zheng KI, Wang X-B, Jin X-H, Liu W-Y, Gao F, Chen Y-P, Zheng M-H. A Case Series of Recurrent Viral RNA Positivity in Recovered COVID-19 Chinese Patients. *Journal of General Internal Medicine* 2020; 35 (7) 2205-2206.

Zheng Y, Liang H, Li Z, Tang M, Song L. Skin microbiome in sensitive skin: The decrease of *Staphylococcus epidermidis* seems to be related to female lactic acid sting test sensitive skin. *Journal of Dermatological Science* 2020; 97 (3) 225-228.

Zherebtsova AI, Dremin VV, Makovik IN, Zherebtsov EA, Dunaev AV, Goltsov A, Sokolovski SG, Rafailov EU. Multimodal optical diagnostics of the microhaemodynamics in upper and lower limbs. *Frontiers in Physiology* 2019, 10, art. no. 416.

Zhong X, Chang Y, Tan S, Wang J, Sun X, Wu A, Peng L, Lau AY, Kermode AG, Qiu W. Relapsing optic neuritis and meningoencephalitis in a child: Case report of delayed diagnosis of MOG-IgG syndrome. *BMC Neurology* 2019, 19 (1), art. no. 94.

Zhou C, Yahathugoda C, De Silva L, Rathnapala U, Owen G, Weerasooriya M, Rao RU, Weil GJ, Budge PJ. Portable infrared imaging for longitudinal limb volume monitoring in patients with lymphatic filariasis. *PLoS Neglected Tropical Diseases* 2019, 13 (10), art. no. e0007762.

Zhou F, Shi S, Wang D, Guo P, Wang W. MR imaging and clinical characteristics of Lermoyez syndrome. *Acta Oto-Laryngologica* 2020; 140 (7) 528-532.

Zhu J-J, Shen C-Y, Wang J, Dai B, Yuan H-L. Preparation of glycyrrhizic acid-F127/TPGS mixed nanomicelles and its in vivo intestinal absorption in rats. *Chinese Traditional and Herbal Drugs* 2020; 51 (7) 1845-1851.

Zhu L, Lam D, Pacia CP, Gach HM, Partanen A, Talcott MR, Greco SC, Zoberi I, Hallahan DE, Chen H, Altman MB. Characterization of magnetic resonance-guided high-intensity focused ultrasound (MRgHIFU)-induced large-volume hyperthermia in deep and superficial targets in a porcine model. *International Journal of Hyperthermia* 2020; 37 (1) 1159-1173.

Zhu L, Partanen A, Talcott MR, Gach HM, Greco SC, Henke LE, Contreras JA, Zoberi I, Hallahan DE, Chen H, Altman MB. Feasibility and safety assessment of magnetic resonance-guided high-intensity focused ultrasound (MRgHIFU)-mediated mild hyperthermia in pelvic targets evaluated using an in vivo porcine model. *International Journal of Hyperthermia* 2019, 36 (1): 1147-1159.

Zhu W, Jia L, Chen G, Li X, Meng X, Xing L, Zhao H. Relationships between the changes of skin temperature and radiation skin injury. *International Journal of Hyperthermia* 2019, 36 (1): 1160-1167.

Zian W, Yang L, Peng W, Yifei J, Min J. Small molecular interaction-based fluorescence enhancement for second near-infrared imaging. *Nanomedicine* 2020; 15 (2) 115-129.

Ziganshin AM, Mudrov VA, Mironenko AY, Kulavskiy VA. Opportunities for infrared thermometry in predicting obstetric perineal rupture. *Obstetrics Gynecology and Reproduction* 2020; 14 (5) 577-586.

Ziv O, Goldberg SN, Nissenbaum Y, Sosna J, Weiss N, Azhari H. In vivo noninvasive three-dimensional (3D) assessment of microwave thermal ablation zone using non-contrast-enhanced x-ray CT. *Medical Physics* 2020; 47 (10) 4721-4734.

Zivkovic I, de Castro CA, Webb A. Design and characterization of an eight-element passively fed meander-dipole array with improved specific absorption rate efficiency for 7 T body imaging. *NMR in Biomedicine* 2019, 32 (8), art. no. e4106.

Zong S, Shen G, Mei C-S, Madore B, Improved PRF-based MR thermometry using k-space energy spectrum analysis. *Magnetic Resonance in Medicine* 2020; 84 (6) 3325-3332.

Zornitzki L, Bornstein G. Potential role for furosemide in the treatment of acute respiratory distress syndrome (ARDS) and an unusual presentation of pulmonary embolism in a complex patient. *BMJ Case Reports* 2020; 13 (8) art. no. e235010.

Zouboulis CC, Nogueira Da Costa A, Jemec GBE, Trebing D. Long-Wave Medical Infrared Thermography: A Clinical biomarker of inflammation in hidradenitis suppurativa/acne inversa. *Dermatology* 2019, 235(2), 144-149

Zubareva N, Parshakov A, Podtaev S, Frick P, Mizeva I. Recovery of endothelial function in microvessels in patients with peripheral artery disease (PAD) after conservative and surgery treatment. *Progress in Biomedical Optics and Imaging - Proceedings of SPIE* 2019, 11067, art. no. 110670Y.