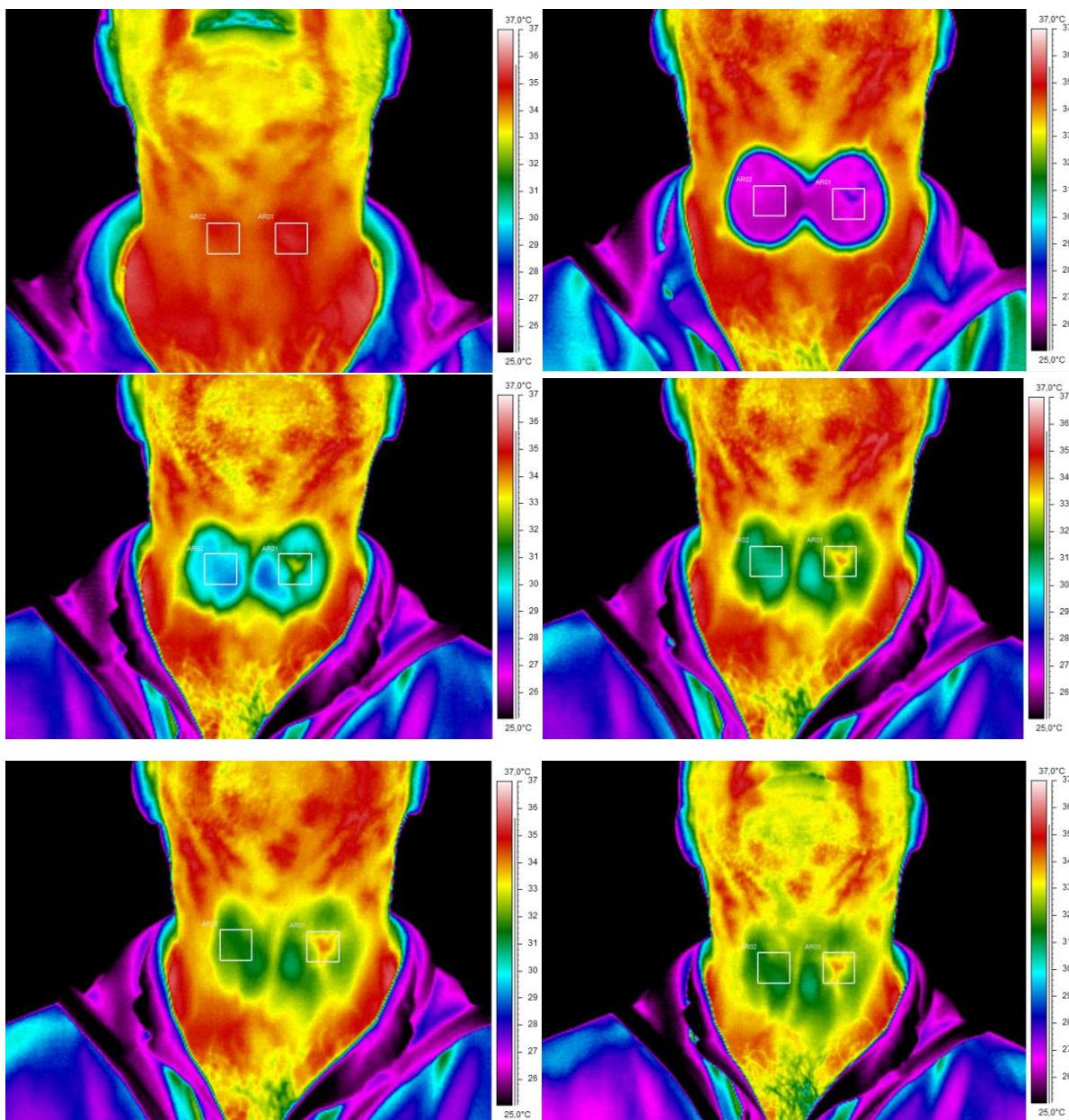


Published papers on **THERMOLOGY** or **TEMPERATURE MEASUREMENT** in 2019

Volume 6



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

- 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.
- 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.
- 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.
- 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
- Akhan 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.
- 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.
- 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
- 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.

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

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.

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.

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.

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,

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. Medical Thermology 2018 - A computer-assisted literature survey. *Thermology International* 2019; 29 (1): 7-39.

Ammer K. Methods of Scoring the TISEM-Checklist with an Example of Application. *Thermology international* 2019, 29(4) 127-135

- Ammer K. Obituary: Hooshang Hooshmand 1934-2019. *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. The most cited article from thermology international in the period 2000 to 2018. *Thermology international* 2019, 29(2) 62
- 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.
- 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, Ostliek 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.
- 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.
- Antonacci 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.
- 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.
- 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.
- 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.

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.

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.

Audigier C, Kim Y, Ziegler J, Friebe M, Boctor EM. Conformal radiofrequency ablation to validate ultrasound thermometry. *Progress in Biomedical Optics and Imaging - Proceedings of SPIE* 2019; 10951, art. no. 1095122.

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.

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.

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.

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.

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.

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.

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, Feragalli B, Cornelli U, Cotellessi 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.

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, Mínguez Rey MF, Pino Almero L, Salvador Palmero 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.

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, Mornstein 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.

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.

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.

- 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
- Bonekamp D, Wolf MB, Roethke MC, Pahernik S, Hadaschik BA, Hatiboglu G, Kuru TH, Popenciu 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.
- 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
- 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.
- Brazaitis M, Eimantas N, Baranauskiene N, Kilikeviciene S, Vitkauskiene A, Daniuseviciute 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, Daniuseviciute L, Volungevicius 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.
- 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.
- 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.
- Buzzá, HH, Holmo Jr D, Stringaci 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.
- 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.
- 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.
- 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 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.

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, Mínguez, 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.

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.

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.

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 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 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, 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.

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.

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 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.

Christie D, Chanchlani N, Salehian S. Fever and tachypnoea in a child. 2019; *BMJ* (Online), 365, art. no. I1288.

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.

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

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.

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.

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.

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 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.

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.

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 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

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 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 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 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, 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.

Dehkhoa 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.

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

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.

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.

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

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

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.

Dobšíček Trefná, H, Schmidt M, van Rhon 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.

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.

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

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.

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

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.

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.

Eranki 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.

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.

Fahrenholtz, 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

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

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.

- 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.
- 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.
- 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.
- 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, Choluj 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.
- 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, Cordoba 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.
- 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.
- 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.
- 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.
- 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.
- Futyma P, Ciąpała K, Głuszczyk R, Sander J, Futyma M, Kułakowski 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.

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

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

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.

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.

Garbern SC, Mbanjumucyo G, Umuhoza 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

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.

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.

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.

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.

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

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.

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.

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.

Gorni 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.

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.

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.

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

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

- 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.
- 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
- 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.
- Haines A, Ebi K. The imperative for climate action to protect health. *New England Journal of Medicine* 2019; 380 (3): 263-273.
- 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 L-H. Mass-producing wearable sensors: No sweat. *Science Translational Medicine* 2019; 11 (522), art. no. eaaz9766.
- Händel P, Wahlström J. Digital contraceptives based on basal body temperature measurements. *Biomedical Signal Processing and Control* 52: 141-151
- 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.
- 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, Mojtahehd 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.
- 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.
- 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 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.
- 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.

- 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.
- 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.
- 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
- 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.
- Horáček J, Novotný J. Thermal response of hands to computer work: comparison of three assessment procedures. *Studia sportiva*, 2019, 13(1), 27-39.
- 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. 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
- 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, 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
- 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.

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.

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.

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, Sheervalilou 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.

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

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.

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

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.

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 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.

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.

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.

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.
- 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
- 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.
- 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.
- 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.
- 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
- Karakitsios I, Mihcin S, Melzer A. Reference-less MR thermometry on pre-clinical thiethyl human cadaver for liver surgery with MRgFUS. (2019) *Minimally Invasive Therapy and Allied Technologies* 2019; 28 (1): 15-21
- 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
- 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.
- 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.
- 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.
- Kiera D, Baic A, Stankiewicz M, Lange B, Stanek A, Ślosarek 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 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 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 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.
- 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.
- 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.
- 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 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 Sipjeondaebotang 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.
- 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.
- 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

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.

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, Angelopoulos 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.

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.

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.

Krepkogorskiĭ, NV, Ignat'ev IM, Bredikhin RA. Use of thermal imager in preparation of non-reversed autovein for femoropopliteal bypass grafting. *Angiologija 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 Holte JML, Aangeenbrug AA, Mens JWM, Van Doorn HC, Paulides MM, Oomen-de Hoop E, Vervhout 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, Ivojlov 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

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, Hamada 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.

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.

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.

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.

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.

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 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.

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.

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.

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 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

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

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

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, 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 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 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, 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.

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
- 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.
- 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
- 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.
- 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.
- 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.
- 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.
- 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
- 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.

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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, Sprocati 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, Frikha 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.
- 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.
- Maxwell AD, MacConaghie B, Harper JD, Aldoukh AH, Hall TL, Roberts WW. Simulation of laser lithotripsy-induced heating in the urinary tract. Journal of Endourology 2019; 33 (2): 113-119.

- Mazerolle EL, Seasons GM, Warwaruk-Rogers R, Romo P, Nordal R, Sevick RJ, Martino D, Pichardo 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.
- 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.
- McMonnies CW. Reducing the invasive nature of tear stability assessments. *Ocular Surface* 2019; 17 (2): 174-175
- 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.
- Meston CM, Stanton AM. Understanding sexual arousal and subjective—genital arousal desynchrony in women. *Nature Reviews Urology* 2019; 16 (2): 107-120.
- Michelangeli F. Imaging the unimaginable: Medical imaging in the realm of photography. *Clinics in Dermatology* 2019; 37 (1): 38-46.
- 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
- 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.
- 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.
- 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.
- 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.
- 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.
- Miyauchi 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
- 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* 2019; 20 (1): 1-10.

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

Mohammadinia 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

Molliex 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

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 Olímpio-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

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.

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.

- Mukaigawara M, Kinjo M, Olson APJ, Raita Y, Murthy VK. Past is prologue. *Journal of Hospital Medicine* 2019; 14 (8): 501-505.
- 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.
- 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.
- 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.
- 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
- 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.
- 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.
- 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. *Postepy Dermatologii i Alergologii* 2019; 36 (3) 247-254.
- Neumann W, Uhrig T, Malzacher M, Kossman 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.
- 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
- 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.
- 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.
- 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.

- 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.
- 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.
- 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.
- 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.
- Odebowale 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.
- 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.
- 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.
- 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.
- 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

- Ozenne 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
- 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.
- 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.
- 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
- 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.
- Pauk J, Wasilewska A., Ihnatouski M. Infrared thermography sensor for disease activity detection in rheumatoid arthritis patients. *Sensors* 2019, 19(16), 3444.
- 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
- 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.
- 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, Kivisaari 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, Kivisaari 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

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.

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.

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.

Pilch W, Czerwińska-Ledwig O, Chitryniewicz-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.

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

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.

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

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

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.

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.

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.
- Prescott HC. Identifying sepsis subtypes from routine clinical data. *American Journal of Respiratory and Critical Care Medicine* 2019; 200 (3): 272-273.
- 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.
- 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.
- 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).
- 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
- 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
- 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.
- Rashmi R, Snehalatha U. Evaluation of body composition parameters using various diagnostic methods: A metaanalysis study. *Obesity Medicine* 2019; 16, art. no. 100150
- Rathjen NA, Shahbodaghi SD, Brown JA. Hypothermia and Cold Weather Injuries. *American family physician* 2019; 100 (11): 680-686.
- 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.
- 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.

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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
- 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.
- 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.

- 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.
- 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.
- 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.
- 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 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. 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 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- Selvarani A, Suresh GR. Infrared Thermal Imaging for Diabetes Detection and Measurement. *Journal of Medical Systems* 2019; 43 (2), art. no. 23
- Shah AH, Burks JD, Buttrick SS, Debs L, Ivan ME, Komotor 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
- 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.
- 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.
- 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.
- 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
- 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.

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.

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.

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.

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.

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.

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

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.

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.

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.

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

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

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

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 T, Shi W-Q, Shao Y. Research progress on dry eye imaging technology. *International Eye Science* 2019; 19 (6): 937-940.
- 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 T 1 measurements using a single reference variable flip angle T 1 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.
- 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.
- 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.
- 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 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.

- 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.
- 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
- 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
- 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.
- 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
- 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.
- 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.
- 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.
- 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.
- 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.
- Trummer G, Benk C, Beyersdorf F. Controlled automated reperfusion of the whole body after cardiac arrest. *Journal of Thoracic Disease* 2019; 11: S1464-S1470.

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.

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.

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.

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.

Ueshima H, Otake H. The accuracy of continuous temporal artery thermometers during general anesthesia. *Journal of Clinical Anesthesia* 2019; 55: 69-71.

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.

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

Van der Veenken 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.
- 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
- 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, Piazenna 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- Voitenkov VB, Komantsev VN, Ekusheva EV, Skripchenko NV, Marchenko NV. Clinical case of Parry-Romberg syndrome. *Nervno-Myshechnye Bolezni* 2019; 9 (1): 75-82.

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, Kruyssen LJW, Simons PJ, Boon L, Vonk MM, Van Esch BCAM, Knippels LMJ, Garssen J, Pieters RHH, Smit JJ. Non-digestible oligosaccharides scFOS/IcFOS 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.

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.

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.

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.

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.

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 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.

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

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.

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.

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.

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.

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 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.

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

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 arterilization 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.

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

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.

Zadorozhny O. New possibilities of infrared thermography in ophthalmology. *Oftalmologija. Vostochnaja Evropa* 2019, 9 (2): 184-191.

Zago S, Piacquadio E, Monaro M, Orrù, G, Sampaolesi 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

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

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.

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.

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 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 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

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 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.

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, Rathnayaka 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.

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.

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.

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.