

Riešiteľ	VAVRINSKÝ Erik
Pozícia na projekte	Vedecko-výskumný pracovník
Vedecké identifikátory	WoS (Researcher ID): AAU-7599-2020, Scopus (AuthorID): 21834963900, ORCID: 0000-0002-0981-5949
Vedecké zameranie	Výskum modelovania a simulácie procesov a správania sa materiálov, senzorika, telemedicína, spracovanie fyziologických signálov, vývoj lekárskeho prístrojov
Publikačná činnosť s ohlasmí (aktuálne k 31.10.2022)	
V2 Vedecký výstup publikačnej činnosti ako časť editovanej knihy alebo zborníka	
V2_01	ČERNAJ, Ľuboš - VAVRINSKÝ, Erik - ZÁVODNÍK, Tomáš - KOZÁRIK, Jozef - GAŠPAREK, Krisztián - DEBNÁR, Tomáš - MIČJAN, Michal - DONOVAL, Martin. Wireless temperature sensor for use in healthcare. In <i>ADEPT 2022 : 10th International conference on advances in electronic and photonic technologies. Tatranská Lomnica, Slovakia. June 20-24, 2022</i> . 1. vyd. Žilina : Vydavateľstvo EDIS, 2022, S. 218-221. ISBN 978-80-554-1884-1. Typ výstupu: príspevok z podujatia; Výstup: domáci; Kategória publikácie do 2021: AFD
V2_02	KOTRADYOVÁ, Veronika - VAVRINSKÝ, Erik. Reduction of environmental stress through spatial arrangements and different choices of body positions in indoor environment. In <i>Applied Mechanics and Materials : Energy Saving and Environmentally Friendly Technologies - Concepts of Sustainable Building</i> . Vol. 824 - EnviBuild 2015, (2016), s. 259-266. ISSN 1660-9336 (2016: 0.116 - SJR, Q4 - SJR Best Q). Kategória publikácie do 2021: AEC
V2_03	SOLÁRIKOVÁ, Petra - VAVRINSKÝ, Erik. Nepretržité monitorovanie psychofyziologických korelátov v emocionálnej záťaži. In <i>Psychologica XL. Zborník Filozofickej fakulty Univerzity Komenského</i> . Bratislava : STIMUL, 2010, s.591-598. ISBN 978-80-89236-93-0. Kategória publikácie do 2021: AED
V2_04	TVAROŽEK, Vladimír - ŠUTTA, Pavol - FLICKYNGEROVÁ, Soňa - NOVOTNÝ, Ivan - GAŠPIERIK, Pavol - NETRVALOVÁ, Marie - VAVRINSKÝ, Erik. Preparation of Transparent Conductive AZO Thin Films for Solar Cells. In <i>Semiconductor Technologies</i> . Vukovar : InTech, 2010, s.271-294. ISBN 978-953-307-080-3. Kategória publikácie do 2021: ABC
V2_05	VAVRINSKÝ, Erik - STOPJAKOVÁ, Viera - BREZINA, Igor - MAJER, Libor - SOLÁRIKOVÁ, Petra - TVAROŽEK, Vladimír. Electro-Optical Monitoring and Analysis of Human Cognitive Processes. In <i>Semiconductor Technologies</i> . Vukovar : InTech, 2010, s.465-490. ISBN 978-953-307-080-3. Kategória publikácie do 2021: ABC Ohlasy: 1. [2] SLÁDEK, Ľubomír - ŠATKA, Alexander. Application of Time Domain Reflectometry for Characterization of Human Skin. In <i>Lékař a technika</i> , 2012, roč. 42, č. 2, s.23-26. Ohlas: zahraničný
V2_06	VAVRINSKÝ, Erik - SOLÁRIKOVÁ, Petra - STOPJAKOVÁ, Viera - TVAROŽEK, Vladimír - BREZINA, Igor. Implementation of Microsensor Interface for Biomonitoring of Human Cognitive Processes. In <i>Biomedical Engineering. Trends in Electronics, Communications and Software</i> . Rijeka : InTech, 2011, s.93-110 [2.1 AH]. ISBN 978-953-307-475-7. Kategória publikácie do 2021: ABC
V2_07	VAVRINSKÝ, Erik - MOSKALOVÁ, Daniela - MIHÁLOV, Jozef - KOVÁČIKOVÁ, Lucia. Vzťah medzi elektrodermálnou aktivitou, srdcovou frekvenciou a variabilitou srdcového rytmu. In <i>Psychologica XLII : Zborník Filozofickej fakulty Univerzity Komenského</i> . Bratislava : Psychoprof, 2014, s. 587-594. ISBN 978-80-89322-16-9. Kategória publikácie do 2021: AED
V2_08	VAVRINSKÝ, Erik - DAŘÍČEK, Martin - HORÍNEK, František - DONOVAL, Martin - MIKLOVIČ, Peter. Simultánne meranie EMG, MMG a EIM pomocou bezdrôtového holtera. In <i>Spektrum informačných zdrojov z biomedicínskeho prostredia & výmena teoretických a klinických poznatkov</i> . 1. vyd. Praha : Evropská asociace pro fototerapii, 2015, S. 179-185. ISBN 978-80-87861-11-0. Kategória publikácie do 2021: AEC
V2_09	VAVRINSKÝ, Erik - STRÉMY, Maximilián - HORVÁTH, Dušan. The smart headband - concept of modern EOG system for BCI. In <i>Bulletin vedeckých príspevkov : Bulletin vedeckých príspevkov z projektu Vedeckovýskumné centrum excelentnosti Slovákion pre materiálový a interdisciplinárny výskum</i> . 1. vyd. Bratislava : Spektrum, 2022, S. 68-74. ISBN 978-80-227-5220-6. Typ výstupu: príspevok; Výstup: domáci; Kategória publikácie do 2021: AED
V3 Vedecký výstup publikačnej činnosti z časopisu	
V3_01	HORÍNEK, František - DAŘÍČEK, Martin - HORNIÁK, Martin - DONOVAL, Martin - VAVRINSKÝ, Erik - RENDEK, Karol - DONOVAL, Daniel. Modulárny systém pre rýchlu diagnostiku ochorení a zvyšovanie kvality zdravotnej starostlivosti. In <i>EE časopis pre elektrotechniku, elektroenergetiku, informačné a komunikačné technológie : ELOSYS. Trenčín, 5.-8.10.2010</i> . Roč. 16, mimoriadne č (2010), s.165-167. ISSN 1335-2547. Kategória publikácie do 2021: ADF

Ohlasy:

1. [2] SLÁDEK, Ľubomír - ŠATKA, Alexander. Application of Time Domain Reflectometry for Characterization of Human Skin. In *Lékař a technika*, 2012, roč. 42, č. 2, s.23-26.

Ohlas: zahraničný

V3_02

JAGELKA, Martin - JELEŇ, Michal - VAVRINSKÝ, Erik - DAŘÍČEK, Martin - DONOVAL, Martin. Implementation of pulse oximetry measurement to wireless biosignals probe. In *Lékař a technika*. Roč. 44, č. 3 (2014), s. 37-40. ISSN 0301-5491 (2014: 0.101 - SJR, Q4 - SJR Best Q).

Kategória publikácie do 2021: ADM

Ohlasy:

1. [1] PROTO, Antonino - VLACH, Karel - CONFORTO, Silvia - KASIK, Vladimír - BIBBO, Daniele - VALA, David - BERNABUCCI, Ivan - PENHAKER, Marek - SCHMID, Maurizio. Using PVDF films as flexible piezoelectric generators for biomechanical energy harvesting. In *Lekar a Technika*, 2017-01-01, 47, 1, pp. 5-10. ISSN 03015491., Registrované v: SCOPUS

Ohlas: zahraničný

2. [1] PROTO, Antonino - PETER, Lukas - AUGUSTYNEK, Martin - CERNY, Martin - PENHAKER, Marek. Flexible teg on the ankle for measuring the power generated while performing activities of daily living. In *Lekar a Technika*, 2018-01-01, 48, 3, pp. 84-90. ISSN 03015491., Registrované v: SCOPUS

Ohlas: zahraničný

V3_03

KOPÁNI, Martin - MIKULA, Milan - KOSNÁČ, Daniel - VOJTEK, Pavol - GREGUŠ, Ján - VAVRINSKÝ, Erik - JERDEL, Matej - PINČÍK, Emil. Effect of etching time on structure of p-type porous silicon. In *Applied Surface Science*. Vol. 461, (2018), s. 44-47. ISSN 0169-4332 (2018: 5.155 - IF, Q1 - JCR Best Q, 1.115 - SJR, Q1 - SJR Best Q). V databáze: CC: 000450528100008 ; SCOPUS: 2-s2.0-85047064718.

Kategória publikácie do 2021: ADC

Ohlasy:

1. [1] SHEVKUNOV, S. V. Water Vapor Nucleation on a Surface with Nanoscopic Grooves. 2. Features of Thermodynamic Behavior. In *COLLOID JOURNAL*, 2019, vol. 81, no. 3, pp. 311-328. ISSN 1061-933X., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

2. [1] XU, Junwen - LIU, Shuang - YANG, Yapei - LI, Jiacheng - TIAN, Chunhui - GUO, Lina - ZHANG, Shangjian - LIU, Yong - ZHONG, Zhiyong. Preparation of Porous Silicon by Electrochemical Etching Methods and its Morphological and Optical Properties. In *INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE*, 2019, vol. 14, no. 6, pp. 5188-5199. ISSN 1452-3981., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

3. [1] ZHOU, Yanbiao - QU, Kaige - ZHANG, Lihui - LIAO, Binghua. SUPERHYDROPHOBIC SILICON FABRICATED BY PHOSPHOMOLYBDIC ACID-ASSISTED ELECTROCHEMICAL ETCHING. In *QUIMICA NOVA*, 2019, vol. 42, no. 7, pp. 792-796. ISSN 0100-4042., Registrované v: WOS, SCOPUS

Ohlas: zahraničný

4. [1] BISWAS, Susmita - NANDI, Anupam - MUKHOPADHYAY, Sumita - CHAUDHURI, Partha - SAHA, Hiranmay - SYED, Minhaz Hossain. Mechanochemical synthesis of quasi monodispersed core-shell silicon nanostructure. In *APPLIED SURFACE SCIENCE*, 2019, vol. 494, no., pp. 326-334. ISSN 0169-4332., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

5. [1] LIN, Jia-Chuan - HUANG, Yu-Chen. Three-dimensional electrochemical etching by grid ditching for multi-wavelength visible-light emission on porous silicon. In *OPTICS EXPRESS*, 2020, vol. 28, no. 22, pp. 32549-32555. ISSN 1094-4087., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

6. [1] YANG, Li-Xia - CAO, Xue-Li - WU, Yun-Tao - CHEN, Shuo - XIE, Xiao-Chun - ZHU, Qi-Liang - WANG, Jun-Xia - QU, Jun-E - CHEN, Sen - ZHENG, Peng-Hua. Improvement of corrosion resistance and mechanism analysis for self-assembled vinyltriethoxysilane (VS) films on low carbon steel using a novel chemical etching method. In *CORROSION SCIENCE*, 2020, vol. 177, no., pp. ISSN 0010-938X., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

7. [1] CHAI, J. Y.H. - WONG, B. T. - JUODKAZIS, S. Black-silicon-assisted photovoltaic cells for better conversion efficiencies: a review on recent research and development efforts. In *MATERIALS TODAY ENERGY*, 2020, vol. 18, no., pp. ISSN 2468-6069., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

8. [1] KOZHEMIAKO, A. V. - SHEMUKHIN, A. A. - NAZAROV, A. V. - SPIVAK, Yu. M. - MURATOVA, E. N. - CHERNYSH, V. V. The Influence of the Energy of Ar+ Ion Implantation on the Photoluminescence of Porous Silicon. In *MOSCOW UNIVERSITY PHYSICS BULLETIN*, 2020, vol. 75, no. 6, pp. 590-595. ISSN 0027-1349., Registrované v: WOS, SCOPUS

Ohlas: zahraničný

9. [1] SEVERIANO CARRILLO, Francisco - LOPEZ GAYOU, Valentin - GARCIA SALGADO, Godofredo - DELGADO MACUIL, Raul - CARLOS RAMIREZ, Netzahualcoyotl. Structural properties of porous silicon obtained with laser photoetching assisted by computerized numeric control. In *JOURNAL OF LASER APPLICATIONS*, 2021, vol. 33, no. 2, pp. ISSN 1042-346X., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

10. [1] SEVERIANO CARRILLO, F. - GARCIA-SALGADO, G. - SALAZAR VILLANUEVA, M. Optical, Morphological, and Structural Properties of Tablets Obtained from Porous Silicon. In *SILICON*, 2021, vol., no., pp. ISSN 1876-990X., Registrované v: WOS, SCOPUS

Ohlas: zahraničný

11. [1] SIERRA-MORENO, R. F. - LUJAN-CABRERA, I. A. - CABRERA-TERAN, J. M. - ORTIZ-VAZQUEZ, Eric - RODRIGUEZ-GARCIA, M. E. - RAMIREZ-GUTIERREZ, C. F. Study of the optical response of oxidized porous silicon structures by thermal oxidation in air. In *JOURNAL OF MATERIALS SCIENCE*, 2022, vol. 57, no. 24, pp. 11226-11241. ISSN 0022-2461., Registrované v: WOS, CC, SCOPUS
Ohlas: zahraničný
12. [1] BECHIRI, F. - DJELLOUL, A. - ZERDALI, M. The role of SiO₂ layer to stabilize the optical properties of p type Si-Nanocrystals grown by moderate etching current density. In: *Silicon*, 2022, vol., no., pp. ISSN 1876-990X., Registrované v: WOS, SCOPUS
Ohlas: zahraničný
13. [1] ZEB, Gul - LE, Xuan Tuan. Effect of surfactant and etching time on p-type porous silicon formation through potentiostatic anodization. In: *Advances in Natural Sciences: Nanoscience and Nanotechnology*, 2022, vol. 13, no. 3, pp. ISSN 2043-6254., Registrované v: WOS
Ohlas: zahraničný

V3_04

KOPÁNI, Martin - MIKULA, Milan - KOSNÁČ, Daniel - KOVÁČ, Jaroslav - TRNKA, Michal - GREGUŠ, Ján - JERIGOVÁ, Monika - JERGEL, Matej - VAVRINSKÝ, Erik - BAČOVÁ, Silvia - ZITTO, Peter - POLÁK, Štefan - PINČÍK, Emil. Effect of etching time in hydrofluoric acid on the structure and morphology of n-type porous silicon. In *Applied Surface Science*. Vol. 532, (2020), Art. no. 147463 [7] s. ISSN 0169-4332 (2020: 6.707 - IF, Q1 - JCR Best Q, 1.295 - SJR, Q1 - SJR Best Q). V databáze: CC: 000573304800003 ; SCOPUS: 2-s2.0-85089234720 ; DOI: 10.1016/j.apsusc.2020.147463.
Kategória publikácie do 2021: ADC

Ohlasy:

1. [1] ASHOORI, Shiva - NADERPOUR, Maryam - GHEZELAYAGH, Mohammad M. - ZADEH, Reza Malekabadi - RAISSI, Farshid. Ultrasensitive bio-detection using single-electron effect. In *TALANTA*, 2021, vol. 224, no., pp. ISSN 0039-9140., Registrované v: WOS, CC, SCOPUS
Ohlas: zahraničný
2. [1] LI, Chunhui - SHI, Jingxuan - CAO, Qingyi - LUO, Yating - LIANG, Handong - DU, Chuan - GAO, Yu - SHI, Jiyan. Role of H⁺, HF, SO₄²⁻ and kaolin in fixing Hg of coal fire sponge. In *SCIENCE OF THE TOTAL ENVIRONMENT*, 2021, vol. 772, no., pp. ISSN 0048-9697., Registrované v: WOS, CC
Ohlas: zahraničný
3. [1] LIU, Juan - LIU, Honghao - YANG, Xiaoyu - JIA, Xuping - CAI, Mengfan - BAO, Yongchao. Preparation of Si-Mn/biochar composite and discussions about characterizations, advances in application and adsorption mechanisms. In *CHEMOSPHERE*, 2021, vol. 281, no., pp. ISSN 0045-6535., Registrované v: WOS, CC, SCOPUS
Ohlas: zahraničný
4. [1] NAVEED, Ahmad - CHEN, Jiahang - RAZA, Bareera - LIU, Yunjian - WANG, Jiulin. Rechargeable hybrid organic Zn battery (ReHOZnB) with non-flammable electrolyte. In *JOURNAL OF ELECTROANALYTICAL CHEMISTRY*, 2022, vol. 904, no., pp. ISSN 1572-6657., Registrované v: WOS, CC, SCOPUS
Ohlas: zahraničný
5. [1] KIM, Taeyong - YI, Junsin. Application of hydrophobic coating to reduce leakage current through surface energy control of high voltage insulator. In *APPLIED SURFACE SCIENCE*, 2022, vol. 578, no., pp. ISSN 0169-4332., Registrované v: WOS, SCOPUS
Ohlas: zahraničný
6. [1] YUE, Bowen - ZHU, Guangming - CHANG, Zheng - SONG, Jianbo - GAO, Xujie - WANG, Yanwei - GUO, Nana - ZHAI, Xiaoqing. Study on surface wettability of nickel coating prepared by electrodeposition combined with chemical etching. In: *Surface & Coatings Technology*, 2022, vol. 444, no., pp. ISSN 0257-8972., Registrované v: WOS, CC, SCOPUS
Ohlas: zahraničný
7. [1] ZEB, Gul - LE, Xuan Tuan. Effect of surfactant and etching time on p-type porous silicon formation through potentiostatic anodization. In: *Advances in Natural Sciences: Nanoscience and Nanotechnology*, 2022, vol. 13, no. 3, pp. ISSN 2043-6254., Registrované v: WOS
Ohlas: zahraničný
8. [1] ZEB, Gul - LE, Xuan Tuan. Effect of surfactant and etching time on p-type porous silicon formation through potentiostatic anodization. In: *ADVANCES IN NATURAL SCIENCES-NANOSCIENCE AND NANOTECHNOLOGY*, 2022, vol. 13, no. 3, pp. ISSN 2043-6254., Registrované v: WOS, SCOPUS
Ohlas: zahraničný
9. [1] MALLESH, Shanigaram - MONDAL, Pradip - KAVITA, Srikanti - SRINIVAS, Veeturi - NAM, Young-Woo. Effect of Ni substitution and annealing temperature on structural and magnetic properties of MnZn-Ferrites: Cytotoxicity study of ZnO and SiO₂ coated core shell structures. In: *Applied Surface Science*, 2022, vol. 605, no., pp. ISSN 0169-4332., Registrované v: WOS, CC, SCOPUS
Ohlas: zahraničný

V3_05

KOTRADYOVÁ, Veronika - VAVRINSKÝ, Erik - KALIŇÁKOVÁ, Barbora - PETRO, Dominik - JANŠÁKOVÁ, Katarína - BOLEŠ, Martin - SVOBODOVÁ, Helena. Wood and its impact on humans and environment quality in health care facilities. In *International Journal of Environmental Research and Public Health*. Vol. 16, Iss. 18 (2019), art. no. 3496 [20 s.]. ISSN 1660-4601 (2019: 2.849 - IF, Q1 - JCR Best Q, 0.739 - SJR, Q2 - SJR Best Q). V databáze: SCOPUS: 2-s2.0-85072566028 ; CC: 000489178500270 ; DOI: 10.3390/ijerph16183496.
Kategória publikácie do 2021: ADC

Ohlasy:

1. [1] VAN HOOFF, Joost - KOLMER, Deirdre M. Beneken Genaamd - DE VLUGT, Erwin - DE VRIES, Sanne I. Quality of Life: The Interplay between Human Behaviour, Technology and the Environment. In *International Journal of Environmental Research and Public Health*. Vol. 16, Iss. 24 (2019), s. 5106-5106. ISSN 1660-4601
WOS:000507312700223; CC:000507312700223, Registrované v: WOS, CC

Ohlas: zahraničný

2. [1] ALAPIETI, Tuomas - MIKKOLA, Raimo - PASANEN, Pertti - SALONEN, Heidi. The influence of wooden interior materials on indoor environment: a review. In *European Journal of Wood and Wood Products*. Vol. 78, Iss. 4 (2020), s. 617-634. ISSN 0018-3768. SCOPUS:2-s2.0-85085097146 WoS:000531503900001 CCC:000546983400001, Registrované v: SCOPUS, WOS, CC

Ohlas: zahraničný

3. [1] MUNIR, Muhammad Tanveer - PAILHORIE, Helene - EVEILLARD, Matthieu - IRLE, Mark - AVIAT, Florence - DUBREIL, Laurence - FEDERIGHI, Michel - BELLONCLE, Christophe. Testing the Antimicrobial Characteristics of Wood Materials: A Review of Methods. In *Antibiotics* Vol. 9, Iss. 5 (2020), art.no. 225. ISSN 2079-6382 (3.893 - 2019). V databáze: WOS: 000540850100014 ; DOI: 10.3390/antibiotics9050225. SCOPUS:2-s2.0-85085053856, Registrované v: WOS, SCOPUS

Ohlas: zahraničný

4. [1] MUNIR, Muhammad Tanveer - PAILHORIE, Helene - EVEILLARD, Matthieu - IRLE, Mark - AVIAT, Florence - FEDERIGHI, Michel - BELLONCLE, Christophe. Experimental Parameters Influence the Observed Antimicrobial Response of Oak Wood (*Quercus petraea*). In *Antibiotics*. Vol. 9, Iss. 9 (2020), art.no. 535. ISSN 2079-6382 (3.893 - 2019). V databáze: WOS: 000581389300001 ; DOI: 10.3390/antibiotics9090535 ; SCOPUS:2-s2.0-85090813160., Registrované v: WOS, SCOPUS

Ohlas: zahraničný

5. [1] MUNIR, Muhammad Tanveer - AVIAT, Florence - LEPELLETIER, Didier - LE PAPE, Patrice - DUBREIL, Laurence - IRLE, Mark - FEDERIGHI, Michel - BELLONCLE, Christophe - EVEILLARD, Matthieu - PAILHORIE, Helene. Wood materials for limiting the bacterial reservoir on surfaces in hospitals: would it be worthwhile to go further? In *Future Microbiology*. Vol. 15, Iss. 15 (2020), s. 1431-1437. ISSN 1746-0913 (2.907 - 2019). V databáze: WOS: 000586780600001 ; SCOPUS: 2-s2.0-85096152584 ; DOI: 10.2217/fmb-2019-0339., Registrované v: WOS, SCOPUS

Ohlas: zahraničný

6. [1] CHEN, Ju-Chi - MUNIR, Muhammad Tanveer - AVIAT, Florence - LEPELLETIER, Didier - LE PAPE, Patrice - DUBREIL, Laurence - IRLE, Mark - FEDERIGHI, Michel - BELLONCLE, Christophe - EVEILLARD, Matthieu - PAILHORIE, Helene. Survival of Bacterial Strains on Wood (*Quercus petraea*) Compared to Polycarbonate, Aluminum and Stainless Steel. In *Antibiotics*. Vol. 9, Iss. 11 (2020), art.no.804. ISSN 2079-6382 (3.893 - 2019). V databáze: WOS: 000592775400001 ; DOI: 10.3390/antibiotics9110804. SCOPUS:2-s2.0-85096069126, Registrované v: WOS, SCOPUS

Ohlas: zahraničný

7. [1] MHUIREACH, Gwynne A. - DIETZ, Leslie - GRIFFITHS, Willem - HORVE, Patrick Finn - LAGUERRE, Aurelie - NORTH CUTT, Dale - GALL, Elliott - VAN DEN WYMELENBERG, Kevin. Differing effects of four building materials on viable bacterial communities and VOCs. In *Developments in the Built Environment*. Vol. 7 (2021), [16 s.] art. no. 100055. ISSN 2666-1659. V databáze: WOS: 000677546400004 ; DOI: 10.1016/j.dibe.2021.100055., Registrované v: WOS

Ohlas: zahraničný

8. [2] QUESADA-PINEDA, Henry - SMITH, Robert - BERGER, Guenter - LOFERSKI, Josef. A visual assessment of cross-laminated timber structures in Austria. In *Bioproducts Business*. Vol. 5, iss. 5 (2020), s. 51-62. ISSN 2378-1394.

Ohlas: zahraničný

9. [1] KIM, Sieun - HA, Mikyoung. A systematic review of the attributes of interior design affecting user's positive emotions measured via bio-signals. In *Journal of the Architectural Institute of Korea*. Vol. 36, iss. 5 (2020), s. 83-91. ISSN 2733-6239. V databáze: SCOPUS: 2-s2.0-85102786576 ; DOI: 10.5659/JAIK_PD.2020.36.5.83 ; SCOPUS_INTID., Registrované v: SCOPUS

Ohlas: zahraničný

10. [1] MUNIR, Muhammad Tanveer - MANEERWAN, Nattar - PICHON, Julien - GHARBIA, Mohammed - OUMAROU-MAHAMANE, Ismael - BAUDE, Jessica - THORIN, Chantal - LEPELLETIER, Didier - LE PAPE, Patrice - EVEILLARD, Matthieu - IRLE, Mark - PAILHORIE, Helene - AVIAT, Florence - BELLONCLE, Christophe - FEDERIGHI, Michel - DUBREIL, Laurence. Confocal spectral microscopy, a non-destructive approach to follow contamination and biofilm formation of mCherry *Staphylococcus aureus* on solid surfaces. In *Scientific Reports*. Vol. 11, Iss. 1 (2021), art. no. 15574 [11 s.]. ISSN 2045-2322 (4.379 - 2020). V databáze: WOS: 000685192200002 ; SCOPUS: 2-s2.0-85111797783 ; CC: 000685192200002 ; DOI: 10.1038/s41598-021-94939-2., Registrované v: CC, WOS, SCOPUS

Ohlas: zahraničný

11. [1] RIZZI, Vito - GUBITOSA, Jennifer - FINI, Paola - COSMA, Pinalysa. Neurocosmetics in Skincare-The Fascinating World of Skin-Brain Connection: A Review to Explore Ingredients, Commercial Products for Skin Aging, and Cosmetic Regulation. In *Cosmetics*. Vol. 8, iss. 3 (2021), [80 s.] art. no. 66. ISSN 2079-9284. V databáze: WOS: 000702266900001 ; DOI: 10.3390/cosmetics8030066 ; SCOPUS: 2-s2.0-85111912763., Registrované v: WOS, SCOPUS

Ohlas: zahraničný

12. [1] NAKAYAMA, Yoshitake - SUZUKI, Norimichi - NAKAOKA, Hiroko - TSUMURA, Kayo - TAKAGUCHI, Kohki - TAKAYA, Kazunari - HANAZATO, Masamichi - TODAKA, Emiko - MORI, Chisato. Assessment of Personal Relaxation in Indoor-Air Environments: Study in Real Full-Scale Laboratory Houses. In *International Journal of Environmental Research and Public Health*. Vol. 18, iss. 19 (2021), [13 s.] art.no. 10246. ISSN 1660-4601 (3.390 - 2020). V databáze: CC: 000710265000001 ; WOS: 000710265000001 ; SCOPUS: 2-s2.0-85116010298 ; DOI: 10.3390/ijerph181910246., Registrované v: CC, WOS, SCOPUS

Ohlas: zahraničný

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Ohlas: zahraničný

14. [1] SHEN, Yulin - ZHAO, Shujun - LU, Yutong - YANG, Jisheng - WANG, Jilin - ZHANG, Shifeng. Effective

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V3_06	<p>MARTON, Marián - KOVALČÍK, Dávid - ZDRAVECKÁ, Eva - VARGA, Marián - GAJDOŠOVÁ, Lenka - VAVRINSKÝ, Erik - VESELY, Marián - REDHAMMER, Robert - HOPFELD, Marcus. The Influence of Substrate Bias on Nanohardness of a-C:N Films. In Chemické listy. Vol. 105 S (2011), s.p. s832-s833. ISSN 0009-2770 (2011: 0.529 - IF, Q4 - JCR Best Q, 0.181 - SJR, Q3 - SJR Best Q).</p> <p>Kategória publikácie do 2021: ADC</p>
V3_07	<p>SVOBODOVÁ, Helena - VAVRINSKÝ, Erik - TUROŇOVÁ, Daniela - DONOVAL, Martin - DAŘÍČEK, Martin - TELEK, Peter - KOPÁNI, Martin. Optimization of the position of single-lead wireless sensor with low electrodes separation distance for ECG-derived respiration. In Advances in Electrical and Electronic Engineering. Vol. 16, No. 4 (2018), s. 528-837. ISSN 1336-1376 (2018: 0.243 - SJR, Q3 - SJR Best Q). V databáze: WOS: 000454318100013.</p> <p>Kategória publikácie do 2021: ADM</p>
V3_08	<p>SVOBODOVÁ, Helena - KOSNÁČ, Daniel - TANILA, Heikki - WAGNER, Alexandra - TRNKA, Michal - VITOVÍČ, Pavol - HLINKOVÁ, Jana - VAVRINSKÝ, Erik - EHRlich, Hermann - POLÁK, Štefan - KOPÁNI, Martin. Iron-oxide minerals in the human tissues. In BioMetals. Vol. 33, Iss. 1 (2020), s. 1-13. ISSN 0966-0844 (2020: 2.949 - IF, Q3 - JCR Best Q, 0.641 - SJR, Q1 - SJR Best Q). V databáze: CC: 000508702600001 ; SCOPUS: 2-s2.0-85078130566 ; DOI: 10.1007/s10534-020-00232-6.</p> <p>Kategória publikácie do 2021: ADC</p> <p>Ohlasy:</p> <p>1. [1] NEBURKOVA, Jitka - RULSEH, Aaron M. - CHANG, Shery L. Y. - RAABOVA, Helena - VEJPRAVOVA, Jana - DRACINSKY, Martin - TARABEK, Jan - KOTEK, Jan - PINGLE, Mohan - MAJER, Pavel - VYMAZAL, Josef - CIGLER, Petr. Formation of gadolinium-ferritin from clinical magnetic resonance contrast agents. In NANOSCALE ADVANCES, 2020, vol. 2, no. 12, pp. ISSN 2516-0230., Registrované v: WOS, CC, SCOPUS</p> <p>Ohlas: zahraničný</p> <p>2. [1] ZAIA, Dimas A. M. - COUTINHO, Murilo A. - MOSCA, Dante H. - DA COSTA, Antonio C. S. - URBANO, Alexandre. Study of the formation of ferrihydrite under prebiotic chemistry conditions: artificial seawater 4.0 Gy and ammonium thiocyanate. In INTERNATIONAL JOURNAL OF ASTROBIOLOGY, 2020, vol. 19, no. 6, pp. 462-473. ISSN 1473-5504., Registrované v: WOS, CC, SCOPUS</p> <p>Ohlas: zahraničný</p> <p>3. [1] KLAT, Rogerio L. - STEIN, Carolina dos S. - DOS SANTOS, Mariane - MORESCO, Rafael N. Effects of Freeze-Thaw Cycles and Assessment of Short-Term Storage Stability on Serum Iron, Ferritin, and Transferrin. In CLINICAL LABORATORY, 2021, vol. 67, no. 2, pp. 349-353. ISSN 1433-6510., Registrované v: WOS, CC, SCOPUS</p> <p>Ohlas: zahraničný</p> <p>4. [1] PLAYS, Marina - MULLER, Sebastian - RODRIGUEZ, Raphael. Chemistry and biology of ferritin. In METALLOMICS, 2021, vol. 13, no. 5, pp. ISSN 1756-5901., Registrované v: WOS, SCOPUS</p> <p>Ohlas: zahraničný</p> <p>5. [1] XIONG, Yingshuo - SHI, Changxin - LI, Lingyi - TANG, Yuanhan - ZHANG, Xin - LIAO, Sisi - ZHANG, Beibei - SUN, Changmei - REN, Chunguang. A review on recent advances in amino acid and peptide-based fluorescence and its potential applications. In NEW JOURNAL OF CHEMISTRY, 2021, vol., no., pp. ISSN 1144-0546., Registrované v: WOS</p> <p>Ohlas: zahraničný</p> <p>6. [1] TADIC, Marin - PANJAN, Matjaz - TADIC, Biljana Vucetic - KRALJ, Slavko - LAZOVIC, Jelena. Magnetic properties of mesoporous hematite/alumina nanocomposite and evaluation for biomedical applications. In CERAMICS INTERNATIONAL, 2022, vol. 48, no. 7, pp. 10004-10014. ISSN 0272-8842., Registrované v: WOS, CC, SCOPUS</p> <p>Ohlas: zahraničný</p>
V3_09	<p>SZABÓ, Ondrej - PERNÝ, Milan - ŠÁLY, Vladimír - PACKA, Juraj - FLICKYNGEROVÁ, Soňa - VAVRINSKÝ, Erik. Automatizované pracovisko na meranie parametrov a parazitných odporov snečkových článkov. In EE časopis pre elektrotechniku, elektroenergetiku, informačné a komunikačné technológie. Roč. 19, č. 3 (2013), s.12-15. ISSN 1335-2547.</p> <p>Kategória publikácie do 2021: ADF</p>
V3_10	<p>VAVRINSKÝ, Erik - TVAROŽEK, Vladimír - KEMPŇÝ, Milan - VÍGLASKÝ, Radovan - BUTAŠ, Ján - DONOVAL, Daniel. Mikrosenzory pre inteligentné pneumatiky. In EE časopis pre elektrotechniku, elektroenergetiku, informačné a komunikačné technológie. Roč. 11, mimoriadne č (2005), s.s. 17-19. ISSN 1335-2547.</p> <p>Kategória publikácie do 2021: ADF</p>

V3_11	VAVRINSKÝ, Erik - DONOVAL, Martin - DAŘÍČEK, Martin - TELEK, Peter - DONOVAL, Daniel. Praktický monitoring biopotenciálov pomocou nízkošumového bezdrôtového senzora. In <i>Transfer</i> . Roč. 4, č. 1 (2012), s.16-17. ISSN 1337-9747. Kategória publikácie do 2021: ADF
V3_12	VAVRINSKÝ, Erik - MOSKALOVÁ, Daniela - DAŘÍČEK, Martin - DONOVAL, Martin - HORÍNEK, František - POPOVIČ, Marián - MIKLOVIČ, Peter. Application of acceleration sensors in physiological experiments. In <i>Journal of Electrical Engineering</i> . Vol. 65, No. 5 (2014), s. 304-308. ISSN 1335-3632 (2014: 0.378 - IF, Q4 - JCR Best Q, 0.224 - SJR, Q3 - SJR Best Q). Kategória publikácie do 2021: ADN Ohlasy: 1. [1] LEE, KunHyuck - NI, Xiaoyue - LEE, Jong Yoon - ARAFA, Hany - PE, David J. - XU, Shuai - AVILA, Raudel - IRIE, Masahiro - LEE, Joo Hee - EASTERLIN, Ryder L. - KIM, Dong Hyun - CHUNG, Ha Uk - OLABISI, Omolara O. - GETANEH, Selam - CHUNG, Esther - HILL, Marc - BELL, Jeremy - JANG, Hokyung - LIU, Claire - PARK, Jun Bin - KIM, Jungwoo - KIM, Sung Bong - MEHTA, Sunita - PHARR, Matt - TZAVELIS, Andreas - REEDER, Jonathan T. - HUANG, Ivy - DENG, Yujun - XIE, Zhaoqian - DAVIES, Charles R. - HUANG, Yonggang - ROGERS, John A. Mechano-acoustic sensing of physiological processes and body motions via a soft wireless device placed at the suprasternal notch. In <i>NATURE BIOMEDICAL ENGINEERING</i> , 2020, vol. 4, no. 2, pp. 148-158. ISSN 2157-846X., Registrované v: WOS, SCOPUS Ohlas: zahraničný
V3_13	VAVRINSKÝ, Erik - DONOVAL, Martin - DAŘÍČEK, Martin - HORÍNEK, František - POPOVIČ, Marián - HANIC, Michal - JAGELKA, Martin. Monitoring of EMG to force ratio using new designed precise wireless sensor system. In <i>Lékař a technika</i> . Roč. 44, č. 3 (2014), s. 17-22. ISSN 0301-5491 (2014: 0.101 - SJR, Q4 - SJR Best Q). V databáze: SCOPUS. Kategória publikácie do 2021: ADM Ohlasy: 1. [1] PROTO, Antonino - VLACH, Karel - CONFORTO, Silvia - KASIK, Vladimír - BIBBO, Daniele - VALA, David - BERNABUCCI, Ivan - PENHAKER, Marek - SCHMID, Maurizio. Using PVDF films as flexible piezoelectric generators for biomechanical energy harvesting. In <i>Lekar a Technika</i> , 2017-01-01, 47, 1, pp. 5-10. ISSN 03015491., Registrované v: SCOPUS Ohlas: zahraničný
V3_14	VAVRINSKÝ, Erik - STOPJAKOVÁ, Viera - DONOVAL, Martin - DAŘÍČEK, Martin - SVOBODOVÁ, Helena - MIHÁLOV, Jozef - HANIC, Michal - TVAROŽEK, Vladimír. Design of sensor systems for long time electrodermal activity monitoring. In <i>Advances in Electrical and Electronic Engineering</i> . Vol. 15, No. 2 (2017), s. 184-191. ISSN 1336-1376 (2017: 0.274 - SJR, Q2 - SJR Best Q). V databáze: SCOPUS: 2-s2.0-85025587157 ; WOS: 000409044400008. Kategória publikácie do 2021: ADM Ohlasy: 1. [1] TRONSTAD, Christian - AMINI, Maryam - BACH, Dominik R. - MARTINSEN, orjan G. Current trends and opportunities in the methodology of electrodermal activity measurement. In: <i>Physiological Measurement</i> , 2022, vol. 43, no. 2, pp. ISSN 0967-3334., Registrované v: WOS, CC, SCOPUS Ohlas: zahraničný 2. [1] CHEN, Zhiyong - WANG, Qingsuo - BI, Yunce - LIN, Juncong - YANG, Wei - DENG, Chaoyang - GUO, Shihui - LIAO, Minghong. Analyzing Human Muscle State with Flexible Sensors. In: <i>Journal of Sensors</i> , 2022, vol. 2022, no., pp. ISSN 1687-725X., Registrované v: WOS, CC, SCOPUS Ohlas: zahraničný
V3_15	VAVRINSKÝ, Erik - SVOBODOVÁ, Helena - DONOVAL, Martin - DAŘÍČEK, Martin - KOPANI, Martin - MIKLOVIČ, Peter - HORÍNEK, František - TELEK, Peter. Application of single wireless holter to simultaneous EMG, MMG and EIM measurement of human muscles activity. In <i>Lékař a technika</i> . Vol. 48, No. 2 (2018), s. 52-58. ISSN 0301-5491 (2018: 0.125 - SJR, Q4 - SJR Best Q). V databáze: SCOPUS: 2-s2.0-85057112856. Kategória publikácie do 2021: ADM Ohlasy: 1. [1] KUSCHE, Roman - RYSCHKA, Martin. Multi-Frequency Impedance Myography: The PhaseX Effect. In <i>IEEE Sensors Journal</i> , 2021-02-01, 21, 3, pp. 3791-3798. ISSN 1530437X., Registrované v: SCOPUS
V3_16	VAVRINSKÝ, Erik - KOTRADYOVÁ, Veronika - SVOBODOVÁ, Helena - KOPÁNI, Martin - DONOVAL, Martin - SEDLÁK, Samuel - ŠUBJAK, Ján - ZÁVODNÍK, Tomáš. Advanced wireless sensors used to monitor the impact of environment design on human physiology. In <i>Advances in Electrical and Electronic Engineering</i> . Vol. 17, No. 3 (2019), s. 320-329. ISSN 1336-1376 (2019: 0.205 - SJR, Q3 - SJR Best Q). V databáze: DOI: 10.15598/aeee.v17i3.3310 ; WOS: 000488257400011 ; SCOPUS: 2-s2.0-85073506187. Kategória publikácie do 2021: ADM Ohlasy: 1. [1] SLANÝ VLASTIMIL - LUČANSKÝ, Adam - KOUDELKA, Petr - MAREČEK, Jan - KRČÁLOVÁ, Eva - MARTÍNEK, Radek. An Integrated IoT Architecture for Smart Metering Using Next Generation Sensor for Water Management Based on LoRaWAN Technology: A Pilot Study. In <i>Sensors</i> . Vol. 20, iss. 17 (2020), s. 4712-4712, art. no. 4712. ISSN 1424-8220., Registrované v: CC, WOS, SCOPUS Ohlas: zahraničný
V3_17	VAVRINSKÝ, Erik - ŠUBJAK, Ján - DONOVAL, Martin - WAGNER, Alexandra - ZÁVODNÍK, Tomáš - SVOBODOVÁ, Helena. Application of modern multi-sensor holter in diagnosis and treatment. In <i>Sensors</i> . Vol. 20, Iss. 9 (2020), Art. no. 2663 [21] s. ISSN 1424-8220 (2020: 3.576 - IF, Q1 - JCR Best Q, 0.636 - SJR, Q2 - SJR Best Q). V databáze: DOI: 10.3390/s20092663 ; WOS: 000537106200227 ; SCOPUS: 2-s2.0-85084373704. Kategória publikácie do 2021: ADM

Ohlasy:

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Ohlas: zahraničný

2. [1] HUERTA, Alvaro - MARTINEZ-RODRIGO, Arturo - PUCHOL, Alberto - PACHON, Marta, I - RIETA, Jose J. - ALCARAZ, Raul. Comparison of Pre-Trained Deep Learning Algorithms for Quality Assessment of Electrocardiographic Recordings. In *2020 INTERNATIONAL CONFERENCE ON E-HEALTH AND BIOENGINEERING (EHB)*, 2020, vol., no., pp. ISSN 2575-5137., Registrované v: WOS, SCOPUS

Ohlas: zahraničný

3. [1] HUERTA, Alvaro - MARTINEZ-RODRIGO, Arturo - PUCHOL, Alberto - PACHON, Marta, I - RIETA, Jose J. - ALCARAZ, Raul. Comparative Study of Convolutional Neural Networks for ECG Quality Assessment. In *2020 COMPUTING IN CARDIOLOGY*, 2020, vol., no., pp. ISSN 2325-8861., Registrované v: WOS, SCOPUS

Ohlas: zahraničný

4. [1] HUERTA, Alvaro - MARTINEZ-RODRIGO, Arturo - RIETA, Jose J. - ALCARAZ, Raul. A Deep Learning Solution for Automatized Interpretation of 12-Lead ECGs. In *2020 COMPUTING IN CARDIOLOGY*, 2020, vol., no., pp. ISSN 2325-8861., Registrované v: WOS

Ohlas: zahraničný

5. [1] NGUYEN, Phuoc Duc - KIM, Lok-won. Sensor System: A Survey of Sensor Type, Ad Hoc Network Topology and Energy Harvesting Techniques. In *ELECTRONICS*, 2021, vol. 10, no. 2, pp., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

6. [1] GANAPATHY, Nagarajan - VEERANKI, Yedukondala Rao - KUMAR, Himanshu - SWAMINATHAN, Ramakrishnan. Emotion Recognition Using Electrodermal Activity Signals and Multiscale Deep Convolutional Neural Network. In *JOURNAL OF MEDICAL SYSTEMS*, 2021, vol. 45, no. 4, pp. ISSN 0148-5598., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

7. [1] MERLO, Andrea - MONTECCHI, Maria Giulia - LOMBARDI, Francesco - VATA, Xhejsi - MUSI, Aurora - LUSUARDI, Mirco - MERLETTI, Roberto - CAMPANINI, Isabella. Monitoring Involuntary Muscle Activity in Acute Patients with Upper Motor Neuron Lesion by Wearable Sensors: A Feasibility Study. In *SENSORS*, 2021, vol. 21, no. 9, pp., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

8. [1] KAREEM, Murtadha - LEI, Ningrong - ALI, Ali - CIACCIO, Edward J. - ACHARYA, U. Rajendra - FAUST, Oliver. A review of patient-led data acquisition for atrial fibrillation detection to prevent stroke. In *BIOMEDICAL SIGNAL PROCESSING AND CONTROL*, 2021, vol. 69, no., pp. ISSN 1746-8094., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

9. [1] ACHO, Leonardo - PUJOL-VAZQUEZ, Gisela. Data Fusion Based on an Iterative Learning Algorithm for Fault Detection in Wind Turbine Pitch Control Systems. In *SENSORS*, 2021, vol. 21, no. 24, pp., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

10. [1] YIN, Lang - WANG, Youhua - ZHAN, Jian - BAI, Yunzhao - HOU, Chao - WU, Junfeng - HUANG, Rong - WANG, Yuzhou - HUANG, YongAn. Chest-scale self-compensated epidermal electronics for standard 6-precordial-lead ECG. In *NPJ FLEXIBLE ELECTRONICS*, 2022, vol. 6, no. 1, pp., Registrované v: WOS, CC

Ohlas: zahraničný

11. [1] ZHAO, Jing - ZHANG, Ziyue - HAN, Zhenyuan - WANG, Qi - YU, Hui - ZHANG, Hongxia - JIA, Dagong. Optical electrocardiogram monitor with a real-time analysis of an abnormal heart rhythm for home-based medical alerts. In: *Applied Optics*, 2022, vol. 61, no. 22, pp. G15-G20. ISSN 1559-128X., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

12. [1] JACQUELIN, Nicolas - VUILLEMOT, Romain - DUFFNER, Stefan. Periodicity counting in videos with unsupervised learning of cyclic embeddings. In: *PATTERN RECOGNITION LETTERS*, 2022, vol. 161, no., pp. 59-66. ISSN 0167-8655., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

V3_18

VAVRINSKÝ, Erik - STOPJAKOVÁ, Viera - KOPÁNI, Martin - KOSNÁČOVÁ, Helena. The concept of advanced multi-sensor monitoring of human stress. In *Sensors*. Vol. 21, Iss. 10 (2021), Art. no. 3499 [27] s. ISSN 1424-8220 (2021: 3.847 - IF, Q2 - JCR Best Q, 0.803 - SJR, Q1 - SJR Best Q). V databáze: SCOPUS: 2-s2.0-85105798343 ; CC: 000662545100001 ; WOS: 000662545100001 ; DOI: 10.3390/s21103499.

Kategória publikácie do 2021: ADC

Ohlasy:

1. [1] BUSTOS, Denisse - GUEDES, Joana C. - BAPTISTA, Joao Santos - VAZ, Mario P. - COSTA, Jose Torres - FERNANDES, Ricardo J. Applicability of Physiological Monitoring Systems within Occupational Groups: A Systematic Review. In *SENSORS*, 2021, vol. 21, no. 21, pp., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

2. [1] CECHO, Róbert - FERENCOVÁ, Nikola - VIŠNOVCOVÁ, Zuzana - ŠVIHROVÁ, Viera - TONHAJZEROVÁ, Ingrid. Non-invasive test of teachers' occupational stress using electrodermal activity: A pilot study. In *Zdravotnicke Listy*, 2021-01-01, 9, 4, pp. 26-33. ISSN 13393022., Registrované v: SCOPUS

Ohlas: domáci

3. [1] VIŠNOVCOVA, Zuzana - FERENCOVA, Nikola - GRENDAR, Marian - ONDREJKA, Igor - OLEXOVA, Lucia Bona - BUJNAKOVA, Iveta - TONHAJZEROVA, Ingrid. Electrodermal activity spectral and nonlinear analysis – potential biomarkers for sympathetic dysregulation in autism. In: *General Physiology and Biophysics*, 2022-01-01, 41, 2, pp.

123-131. ISSN 02315882., Registrované v: SCOPUS, WOS

Ohlas: zahraničný

V3_19 VAVRINSKÝ, Erik - ZÁVODNÍK, Tomáš - DEBNÁR, Tomáš - ČERNAJ, Ľuboš - KOZÁRIK, Jozef - MIČJAN, Michal - NEVŘELA, Juraj - DONOVAL, Martin - KOPÁNI, Martin - KOSNÁČOVÁ, Helena. Research and development of a COVID-19 tracking system in order to implement analytical tools to reduce the infection risk. In *Sensors*. Vol. 22, iss. 2 (2022), Art. no. 526 [21] s. ISSN 1424-8220 (2021: 3.847 - IF, Q2 - JCR Best Q, 0.803 - SJR, Q1 - SJR Best Q). V databáze: CC: 000747723100001 ; WOS: 000747723100001 ; SCOPUS: 2-s2.0-85123510137 ; DOI: 10.3390/s22020526.

Typ výstupu: článok; Výstup: zahraničný; Kategória publikácie do 2021: ADC

Ohlasy:

1. [1] CHUNG, Ming-An - LEE, Ming-Chang - HSIAO, Cheng-Wei. Antenna Systems in Medical Masks: Applications for 5G FR1 and Wi-Fi 7 Wireless Systems. In *Electronics (Switzerland)*, 2022, vol. 11, no. 13, pp., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

V3_20 VAVRINSKÝ, Erik - ESFAHANI, Niloofar Ebrahimzadeh - HAUSNER, Michal - KUZMA, Anton - REŽO, Vratislav - DONOVAL, Martin - KOSNÁČOVÁ, Helena. The current state of optical sensors in medical wearables. In *Biosensors*. Vol. 12, iss. 4 (2022), Art. no. 217 [40] s. ISSN 2079-6374 (2021: 5.743 - IF, Q1 - JCR Best Q, 0.786 - SJR, Q2 - SJR Best Q). V databáze: DOI: 10.3390/bios12040217 ; WOS: 000785406600001 ; CC: 000785406600001 ; SCOPUS: 2-s2.0-85128633710.

Typ výstupu: článok; Výstup: zahraničný; Kategória publikácie do 2021: ADC

Ohlasy:

1. [1] SHUKLA, Piyush - AKANBI, Oluwatobi - ATUAH, Asakipaam Simon - ALJAEI, Amer - BOUYE, Mohamed - SHARMA, Shakti. Cryptography-Based Medical Signal Securing Using Improved Variation Mode Decomposition with Machine Learning Techniques. In: *COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE*, 2022, vol. 2022, no., pp. ISSN 1687-5265., Registrované v: WOS, CC, SCOPUS

Ohlas: zahraničný

P1 Pedagogický výstup publikačnej činnosti ako celok

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