

Erik Vavrinsky

List of Publications by Year in descending order

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35
papers

321
citations

1163117

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996975

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all docs

35
docs citations

35
times ranked

352
citing authors

#	ARTICLE	IF	CITATIONS
1	Research and Development of a COVID-19 Tracking System in Order to Implement Analytical Tools to Reduce the Infection Risk. <i>Sensors</i> , 2022, 22, 526.	3.8	7
2	The Current State of Optical Sensors in Medical Wearables. <i>Biosensors</i> , 2022, 12, 217.	4.7	35
3	The Concept of Advanced Multi-Sensor Monitoring of Human Stress. <i>Sensors</i> , 2021, 21, 3499.	3.8	10
4	Effect of etching time in hydrofluoric acid on the structure and morphology of n-type porous silicon. <i>Applied Surface Science</i> , 2020, 532, 147463.	6.1	10
5	Application of Modern Multi-Sensor Holter in Diagnosis and Treatment. <i>Sensors</i> , 2020, 20, 2663.	3.8	21
6	Iron oxide minerals in the human tissues. <i>BioMetals</i> , 2020, 33, 1-13.	4.1	14
7	Wood and Its Impact on Humans and Environment Quality in Health Care Facilities. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3496.	2.6	26
8	Advanced Wireless Sensors Used to Monitor the Impact of Environment Design on Human Physiology. <i>Advances in Electrical and Electronic Engineering</i> , 2019, 17, .	0.3	1
9	Effect of etching time on structure of p-type porous silicon. <i>Applied Surface Science</i> , 2018, 461, 44-47.	6.1	17
10	The Use of Wireless Sensors and Advanced Technologies in Monitoring the Interaction Between Humans and the Environment Design. , 2018, , .		0
11	Electro-Optical Monitoring of Trisodium Citrate Applicable in Haemodialysis. , 2018, , .		0
12	Optimization of the Position of Single-Lead Wireless Sensor with Low Electrodes Separation Distance for ECG-Derived Respiration. <i>Advances in Electrical and Electronic Engineering</i> , 2018, 16, .	0.3	1
13	Design of Sensor Systems for Long Time Electrodermal Activity Monitoring. <i>Advances in Electrical and Electronic Engineering</i> , 2017, 15, .	0.3	5
14	Environmental Simulations and their Role in the Research of Human Responses to Environmental Stimuli. <i>Applied Mechanics and Materials</i> , 2016, 861, 618-624.	0.2	0
15	Complex measurement of human physiology using designed miniature wireless sensors. , 2014, , .		0
16	Application of Acceleration Sensors in Physiological Experiments. <i>Journal of Electrical Engineering</i> , 2014, 65, 304-308.	0.7	2
17	Sensor System for Wireless Bio-Signal Monitoring. <i>Procedia Chemistry</i> , 2012, 6, 155-164.	0.7	5
18	Design of Non-Invasive Setup for Car Driver Biomonitoring. <i>Procedia Chemistry</i> , 2012, 6, 203-210.	0.7	3

#	ARTICLE	IF	CITATIONS
19	Alternative methods for heart-rate sensing. , 2011, , .		0
20	Monitoring of car driver physiological parameters. , 2010, , .		6
21	Electrode configuration for EMG measurements. , 2010, , .		4
22	Biomedical signal amplifier for EMG wireless sensor system. , 2010, , .		6
23	Electrical biomonitoring towards mobile diagnostics of human stress influence. , 2009, , .		2
24	Micro- / nano- structuralized interfaces of conductive and transparent thin-film microelectrodes for biomedical application. , 2009, , .		0
25	Physiological Monitoring of Human Cognitive Processes. IFMBE Proceedings, 2009, , 330-334.	0.3	0
26	Structural and optical properties of sputtered ZnO thin films. Applied Surface Science, 2008, 254, 3643-3647.	6.1	66
27	Electro-Optical Monitoring of Human Cognitive Processes. , 2008, , .		0
28	Preparation of transparent conductive AZO thin films for solar cells. , 2008, , .		2
29	Influence of sputtering parameters on crystalline structure of ZnO thin films. Thin Solid Films, 2007, 515, 8756-8760.	1.8	67
30	Monitoring of Psychosomatic Properties of Human Body by Skin Conductivity Measurements using Thin Film Microelectrode Arrays. , 2006, , .		3
31	Physical properties of transparent conductive oxides prepared by RF reactive sputtering. , 2006, , .		1
32	Novel ratio conductance electrochemical sensor based on thin film asymmetric microelectrodes. , 0, , .		1
33	Preparation of Transparent Conductive AZO Thin Films for Solar Cells. , 0, , .		2
34	Reduction of Environmental Stress through Spatial Arrangements and Different Choices of Body Positions in Indoor Environment. Applied Mechanics and Materials, 0, 824, 259-266.	0.2	1
35	Electro-Optical Monitoring and Analysis of Human Cognitive Processes. , 0, , .		3