

Dariusz MikoÅajewski

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

617
citations

686830

13
h-index

642321

23
g-index

60
all docs

60
docs citations

60
times ranked

524
citing authors

#	ARTICLE	IF	CITATIONS
1	Reverse Engineering as a Way to Save Environment with-in Patient-Tailored Production of Assistive Technology Devices â€œ Based on Own Hand Exoskeleton Case Study. Lecture Notes in Mechanical Engineering, 2022, , 82-91.	0.3	1
2	A Semi-Automated 3D-Printed Chainmail Design Algorithm with Preprogrammed Directional Functions for Hand Exoskeleton. Applied Sciences (Switzerland), 2022, 12, 5007.	1.3	4
3	Intelligent System Supporting Technological Process Planning for Machining. MATEC Web of Conferences, 2022, 357, 04001.	0.1	1
4	Recent Advances in Bipedal Walking Robots: Review of Gait, Drive, Sensors and Control Systems. Sensors, 2022, 22, 4440.	2.1	30
5	Computational model of decreased suppression of mu rhythms in patients with Autism Spectrum Disorders during movement observationâ€”preliminary findings. Bio-Algorithms and Med-Systems, 2021, 17, 95-102.	1.0	0
6	Optimization of Extrusion-Based 3D Printing Process Using Neural Networks for Sustainable Development. Materials, 2021, 14, 2737.	1.3	20
7	Reducing Waste in 3D Printing Using a Neural Network Based on an Own Elbow Exoskeleton. Materials, 2021, 14, 5074.	1.3	4
8	Digital Twins in Product Lifecycle for Sustainability in Manufacturing and Maintenance. Applied Sciences (Switzerland), 2021, 11, 31.	1.3	53
9	Traditional Artificial Neural Networks Versus Deep Learning in Optimization of Material Aspects of 3D Printing. Materials, 2021, 14, 7625.	1.3	5
10	AI-Optimized Technological Aspects of the Material Used in 3D Printing Processes for Selected Medical Applications. Materials, 2020, 13, 5437.	1.3	50
11	The effects of handedness on sensorimotor rhythm desynchronization and motor-imagery BCI control. Scientific Reports, 2020, 10, 2087.	1.6	51
12	Modelling effects of consciousness disorders in brainstem computational model â€œ Preliminary findings. Bio-Algorithms and Med-Systems, 2020, 16, .	1.0	0
13	Brain stem â€œ from general view to computational model based on switchboard rules of operation. Bio-Algorithms and Med-Systems, 2020, 16, .	1.0	2
14	Fuzzy-based Description of Computational Complexity of Central Nervous Systems. Journal of Telecommunications and Information Technology, 2020, 3, 57-66.	0.3	1
15	3D Printed Hand Exoskeleton - Own Concept. Lecture Notes in Mechanical Engineering, 2019, , 298-306.	0.3	9
16	Bydgoszian hand exoskeleton â€œ own concept and the biomedical factors. Bio-Algorithms and Med-Systems, 2019, 15, .	1.0	9
17	Survey on AI-Based Multimodal Methods for Emotion Detection. Lecture Notes in Computer Science, 2019, , 307-324.	1.0	56
18	Design and manufacture of artificial organs made of polymers. MATEC Web of Conferences, 2019, 254, 06006.	0.1	5

#	ARTICLE	IF	CITATIONS
19	Hand exoskeleton from Bydgoszcz – mechanical issues. , 2019, , 271-274.	0.2	0
20	The Impact of Different Visual Feedbacks in User Training on Motor Imagery Control in BCI. Applied Psychophysiology Biofeedback, 2018, 43, 23-35.	1.0	26
21	Limbic brain structures and burnout – A systematic review. Advances in Medical Sciences, 2018, 63, 192-198.	0.9	38
22	Assessment of the State of the Natural Antioxidant Barrier of a Body in Patients Complaining about the Presence of Tinnitus. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-8.	1.9	7
23	Most Popular Signal Processing Methods in Motor-Imagery BCI: A Review and Meta-Analysis. Frontiers in Neuroinformatics, 2018, 12, 78.	1.3	62
24	Modeling Trends in the Hierarchical Fuzzy System for Multi-criteria Evaluation of Medical Data. Advances in Intelligent Systems and Computing, 2018, , 207-219.	0.5	5
25	Social Context. Advances in Human and Social Aspects of Technology Book Series, 2018, , 274-293.	0.3	0
26	Cross-Cultural Decision-Making in Healthcare. Advances in Healthcare Information Systems and Administration Book Series, 2018, , 276-298.	0.2	0
27	Possibilities of novel technologies application for purposes of tourism of people with special needs. Economic and Environmental Studies, 2018, 18, 879-892.	0.2	0
28	The Method of Artificial Organs Fabrication Based on Reverse Engineering in Medicine. Lecture Notes in Mechanical Engineering, 2017, , 353-365.	0.3	9
29	M-tourism as increasing trend within current tourism and recreation - Polish and international experience. AIP Conference Proceedings, 2017, , .	0.3	4
30	Fuzzy System as an Assessment Tool for Analysis of the Health-Related Quality of Life for the People After Stroke. Lecture Notes in Computer Science, 2017, , 710-721.	1.0	13
31	OFN-Based Brain Function Modeling. Studies in Fuzziness and Soft Computing, 2017, , 303-322.	0.6	2
32	Analysis of Temporospacial Gait Parameters. Studies in Fuzziness and Soft Computing, 2017, , 289-302.	0.6	3
33	Models of Cooperation between Medical Specialists and Biomedical Engineers in Neuroprosthetics. , 2017, , 1473-1489.		0
34	Science and Innovative Thinking for Technical and Organizational Development. , 2017, , 929-945.		0
35	Rola mobilności w rozwoju poznawczym dzieci z deficytem motorycznym – obserwacje u 14-ytkowników w 3-letniej dla dzieci niepełnosprawnych. Medical and Biological Sciences, 2017, 30, 65.	0.2	0
36	Komunikacja w grupie pacjentów z zaburzeniami świadomości – wnioski projektu InterDoCTOR. Medical and Biological Sciences, 2017, 30, 33.	0.2	0

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37	Cognitive robots in the development and rehabilitation of children with developmental disorders. Bio-Algorithms and Med-Systems, 2016, 12, 93-98.	1.0	4
38	Fuzzy-based computational simulations of brain functions – preliminary concept. Bio-Algorithms and Med-Systems, 2016, 12, 99-104.	1.0	6
39	Ethics in communication with patients in the state of disorders of consciousness. Natural situation and the use of modern technologies. Postepy Psychiatrii I Neurologii, 2016, 25, 85-92.	0.2	1
40	Repository of images for reverse engineering and medical simulation purposes. Medical and Biological Sciences, 2016, 30, 23.	0.2	9
41	Science and Innovative Thinking for Technical and Organizational Development. Advances in Medical Education, Research, and Ethics, 2016, , 1-17.	0.1	0
42	Interdisciplinary Education for Research and Everyday Clinical Practice. Advances in Medical Education, Research, and Ethics, 2016, , 78-110.	0.1	0
43	Intelligent emotions stabilization system using standardized images, breath sensor and biofeedback - new concept. , 2014, , .		1
44	Non-invasive EEG-based brain-computer interfaces in patients with disorders of consciousness. Military Medical Research, 2014, 1, 14.	1.9	18
45	Integrated IT environment for people with disabilities: a new concept. Open Medicine (Poland), 2014, 9, 177-182.	0.6	13
46	The prospects of brain – computer interface applications in children. Open Medicine (Poland), 2014, 9, 74-79.	0.6	27
47	Cardiac Telerehabilitation - Current State and Clinical Perspectives. Heart Research - Open Journal, 2014, 1, 10-14.	0.2	4
48	Ethical considerations in the use of brain-computer interfaces. Open Medicine (Poland), 2013, 8, 720-724.	0.6	9
49	Noise as a useful signal within the nervous system in neurorehabilitation. Bio-Algorithms and Med-Systems, 2013, 9, 209-213.	1.0	0
50	Usefulness of EGI EEG system in brain computer interface research. Bio-Algorithms and Med-Systems, 2013, 9, 73-79.	1.0	3
51	Autism and ADHD – Two Ends of the Same Spectrum?. Lecture Notes in Computer Science, 2013, , 623-630.	1.0	5
52	COMPUTATIONAL APPROACH TO UNDERSTANDING AUTISM SPECTRUM DISORDERS. Computer Science, 2012, 13, 47.	0.4	17
53	Neuroprostheses for increasing disabled patients' mobility and control. Advances in Clinical and Experimental Medicine, 2012, 21, 263-72.	0.6	23
54	Komputeryzacja testów w fizjoterapii / computerization of testing in physical therapy. Fizjoterapia, 2011, 19, .	0.1	1

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55	Models of Cooperation between Medical Specialists and Biomedical Engineers in Neuroprosthetics. Advances in Bioinformatics and Biomedical Engineering Book Series, 0, , 65-80.	0.2	0
56	Chances for and Limitations of Brain-Computer Interface use in Elderly People. Advances in Bioinformatics and Biomedical Engineering Book Series, 0, , 116-126.	0.2	0
57	Interdisciplinary Education for Research and Everyday Clinical Practice. , 0, , 203-235.		0