

Jolanta Pauk

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

326
citations

1040056

9
h-index

888059

17
g-index

43
all docs

43
docs citations

43
times ranked

402
citing authors

#	ARTICLE	IF	CITATIONS
1	Substitution analysis of callus induction and plant regeneration from anther culture in wheat (<i>Triticum aestivum</i> L.). <i>Plant Cell Reports</i> , 1988, 7, 127-129.	5.6	63
2	Infrared Thermography Sensor for Disease Activity Detection in Rheumatoid Arthritis Patients. <i>Sensors</i> , 2019, 19, 3444.	3.8	44
3	Assessing Plantar Pressure Distribution in Children with Flatfoot Arch. <i>Journal of the American Podiatric Medical Association</i> , 2014, 104, 622-632.	0.3	34
4	Epidemiologic Factors Affecting Plantar Arch Development in Children with Flat Feet. <i>Journal of the American Podiatric Medical Association</i> , 2012, 102, 114-121.	0.3	17
5	Gait patterns classification based on cluster and bicluster analysis. <i>Biocybernetics and Biomedical Engineering</i> , 2016, 36, 391-396.	5.9	15
6	AFM-Based Method for Measurement of Normal and Osteoarthritic Human Articular Cartilage Surface Roughness. <i>Materials</i> , 2020, 13, 2302.	2.9	15
7	Novel techniques for a wireless motion capture system for the monitoring and rehabilitation of disabled persons for application in smart buildings. <i>Technology and Health Care</i> , 2018, 26, 671-677.	1.2	14
8	Detection of inflammation from finger temperature profile in rheumatoid arthritis. <i>Medical and Biological Engineering and Computing</i> , 2019, 57, 2629-2639.	2.8	12
9	The Effect of Foot Orthotics on Arch Height: Prediction of Arch Height Correction in Flat-foot Children. <i>Biocybernetics and Biomedical Engineering</i> , 2011, 31, 51-62.	5.9	11
10	GROUND REACTION FORCE AND SUPPORT MOMENT IN TYPICAL AND FLAT-FEET CHILDREN. <i>Mechanika</i> , 2011, 17, .	0.5	11
11	Image Processing Techniques for ROI Identification in Rheumatoid Arthritis Patients from Thermal Images. <i>Acta Mechanica Et Automatica</i> , 2018, 12, 49-53.	0.6	9
12	GAIT DEVIATIONS IN CHILDREN WITH CLASSIC HIGH-FUNCTIONING AUTISM AND LOW-FUNCTIONING AUTISM. <i>Journal of Mechanics in Medicine and Biology</i> , 2017, 17, 1750042.	0.7	8
13	Stroke-affected upper extremity movement assessment via continuous relative phase analysis. Measurement: <i>Journal of the International Measurement Confederation</i> , 2017, 110, 84-89.	5.0	8
14	EMG Based Analysis of Gait Symmetry in Healthy Children. <i>Sensors</i> , 2021, 21, 5983.	3.8	8
15	The impact of body mass on spine alterations in pregnant women: A preliminary study. <i>Technology and Health Care</i> , 2018, 26, 665-669.	1.2	6
16	Nanomechanical Properties of Articular Cartilage Due to the PRP Injection in Experimental Osteoarthritis in Rabbits. <i>Molecules</i> , 2020, 25, 3734.	3.8	6
17	Estimation of ground reaction forces and joint moments on the basis on plantar pressure insoles and wearable sensors for joint angle measurement. <i>Technology and Health Care</i> , 2018, 26, 605-612.	1.2	6
18	Quantitative assessment of upper extremities motor function in multiple sclerosis. <i>Technology and Health Care</i> , 2018, 26, 647-653.	1.2	5

#	ARTICLE	IF	CITATIONS
19	Hardware Efficient Solutions for Wireless Air Pollution Sensors Dedicated to Dense Urban Areas. Remote Sensing, 2020, 12, 776.	4.0	5
20	Data Mining in Analysis of Biomechanical Signals. Solid State Phenomena, 0, 147-149, 588-593.	0.3	4
21	Low Power, Low Chip Area, Digital Distance Calculation Circuit for Self-Organizing Neural Networks Realized in the CMOS Technology. Solid State Phenomena, 0, 199, 247-252.	0.3	3
22	A computational method to differentiate rheumatoid arthritis patients using thermography data. Technology and Health Care, 2021, , 1-8.	1.2	3
23	Selected Factors Affecting Active Thermographic Measurement of Human Response to Cold Stress in RA Patient. , 2018, , .		2
24	Correction of Planovalgus Deformity Through Rotational Reinsertion of the Lateral Layers of the Achilles Tendons in Ambulatory Children With Cerebral Palsy. Journal of Foot and Ankle Surgery, 2019, 58, 528-533.	1.0	2
25	Measurement of lower limb joint angle during gait in the sagittal plane with wearable system and its impact on foot loading during walking. Mechanika, 2015, 21, .	0.5	2
26	New Method for Finding Rules in Incomplete Information Systems Controlled by Reducts in Flat Feet Treatment. Advances in Intelligent Systems and Computing, 2013, , 209-214.	0.6	2
27	Human Gait Analysis and Classification Based on Neural Networks and Fuzzy Logic. Solid State Phenomena, 0, 147-149, 600-605.	0.3	1
28	A Comparative Study of Different Neighborhood Topologies in WTM Kohonen Self-Organizing Maps. Solid State Phenomena, 0, 147-149, 564-569.	0.3	1
29	Impact of epidemiological factors on occurrence of platypodia in children. Fizjoterapia, 2010, 18, .	0.1	1
30	ALTERNATIVE METHOD OF UPPER EXTREMITY FUNCTION ASSESSMENT OF STROKE PATIENTS BY ANGULAR KINEMATIC PARAMETERS. Journal of Mechanics in Medicine and Biology, 2017, 17, 1750080.	0.7	1
31	A portable plantar pressure system: Specifications, design, and preliminary results. Technology and Health Care, 2020, 28, 553-560.	1.2	1
32	The impact of different processing techniques on foot parameters in adults. Journal of Vibroengineering, 2017, 19, 2987-2994.	1.0	1
33	A Comparative Study of Biclustering Algorithms of Gait Data. Advances in Intelligent Systems and Computing, 2021, , 39-46.	0.6	1
34	MECHANICAL LOADING ON PLANTAR SURFACE IN CHILDREN. Mechanika, 2013, 19, .	0.5	0
35	Mining for Knowledge to Build Decision Support System for Treatment of Plano-Valgus. Solid State Phenomena, 0, 199, 49-54.	0.3	0
36	A New Model of the Neuron for Biological Spiking Neural Network Suitable for Parallel Data Processing Realized in Hardware. Solid State Phenomena, 0, 199, 217-222.	0.3	0

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37	Analysis of Significant Prognostic Factors of Patients with Bladder Cancer Using Self-Organizing Maps. <i>Solid State Phenomena</i> , 0, 199, 223-228.	0.3	0
38	Influence of insole materials on friction and ground reaction force during gait. <i>Journal of Friction and Wear</i> , 2015, 36, 319-323.	0.5	0
39	Fuzzy logic in biomechanics of the human gait. <i>International Journal of Design and Nature</i> , 2007, 1, 174-185.	0.0	0
40	An effect of spinal and ankle-foot orthoses on gait of spastic diplegic child: A case report. <i>Technology and Health Care</i> , 2021,, 1-11.	1.2	0