Jolanta Pauk

List of Publications by Year
in descending order

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	EMG Based Analysis of Gait Symmetry in Healthy Children. Sensors, 2021, 21, 5983.	3.8	8
2	A Comparative Study of Biclustering Algorithms of Gait Data. Advances in Intelligent Systems and Computing, 2021, , 39-46.	0.6	1
3	An effect of spinal and ankle-foot orthoses on gait of spastic diplegic child: A case report. Technology and Health Care, 2021, , 1-11.	1.2	0
4	A computational method to differentiate rheumatoid arthritis patients using thermography data. Technology and Health Care, 2021, , 1-8.	1.2	3
5	A portable plantar pressure system: Specifications, design, and preliminary results. Technology and Health Care, 2020, 28, 553-560.	1.2	1
6	Nanomechanical Properties of Articular Cartilage Due to the PRP Injection in Experimental Osteoarthritis in Rabbits. Molecules, 2020, 25, 3734.	3.8	6
7	AFM-Based Method for Measurement of Normal and Osteoarthritic Human Articular Cartilage Surface Roughness. Materials, 2020, 13, 2302.	2.9	15
8	Hardware Efficient Solutions for Wireless Air Pollution Sensors Dedicated to Dense Urban Areas. Remote Sensing, 2020, 12, 776.	4.0	5
9	Infrared Thermography Sensor for Disease Activity Detection in Rheumatoid Arthritis Patients. Sensors, 2019, 19, 3444.	3.8	44
10	Detection of inflammation from finger temperature profile in rheumatoid arthritis. Medical and Biological Engineering and Computing, 2019, 57, 2629-2639.	2.8	12
11	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
12	Selected Factors Affecting Active Thermographic Measurement of Human Response to Cold Stress in RA Patient. , 2018, , .		2
13	Novel techniques for a wireless motion capture system for the monitoring and rehabilitation of disabled persons for application in smart buildings. Technology and Health Care, 2018, 26, 671-677.	1.2	14
14	Quantitative assessment of upper extremities motor function in multiple sclerosis. Technology and Health Care, 2018, 26, 647-653.	1.2	5
15	The impact of body mass on spine alterations in pregnant women: A preliminary study. Technology and Health Care, 2018, 26, 665-669.	1.2	6
16	Image Processing Techniques for ROI Identification in Rheumatoid Arthritis Patients from Thermal Images. Acta Mechanica Et Automatica, 2018, 12, 49-53.	0.6	9
17	Estimation of ground reaction forces and joint moments on the basis on plantar pressure insoles and wearable sensors for joint angle measurement. Technology and Health Care, 2018, 26, 605-612.	1.2	6
18	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

#	ARTICLE	IF	CITATIONS
19	GAIT DEVIATIONS IN CHILDREN WITH CLASSIC HIGH-FUNCTIONING AUTISM AND LOW-FUNCTIONING AUTISM. Journal of Mechanics in Medicine and Biology, 2017, 17, 1750042.	0.7	8
20	Stroke-affected upper extremity movement assessment via continuous relative phase analysis. Measurement: Journal of the International Measurement Confederation, 2017, 110, 84-89.	5.0	8
21	The impact of different processing techniques on foot parameters in adults. Journal of Vibroengineering, 2017, 19, 2987-2994.	1.0	1
22	Gait patterns classification based on cluster and bicluster analysis. Biocybernetics and Biomedical Engineering, 2016, 36, 391-396.	5.9	15
23	Influence of insole materials on friction and ground reaction force during gait. Journal of Friction and Wear, 2015, 36, 319-323.	0.5	0
24	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
25	Assessing Plantar Pressure Distribution in Children with Flatfoot Arch. Journal of the American Podiatric Medical Association, 2014, 104, 622-632.	0.3	34
26	MECHANICAL LOADING ON PLANTAR SURFACE IN CHILDREN. Mechanika, 2013, 19, .	0.5	0
27	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
28	Epidemiologic Factors Affecting Plantar Arch Development in Children with Flat Feet. Journal of the American Podiatric Medical Association, 2012, 102, 114-121.	0.3	17
29	The Effect of Foot Orthotics on Arch Height: Prediction of Arch Height Correction in Flat-foot Children. Biocybernetics and Biomedical Engineering, 2011, 31, 51-62.	5.9	11
30	GROUND REACTION FORCE AND SUPPORT MOMENT IN TYPICAL AND FLAT-FEET CHILDREN. Mechanika, 2011, 17, .	0.5	11
31	Impact of epidemiological factors on occurrence of platypodia in children. Fizjoterapia, 2010, 18, .	0.1	1
32	Fuzzy logic in biomechanics of the human gait. International Journal of Design and Nature, 2007, 1, 174-185.	0.0	0
33	Substitution analysis of callus induction and plant regeneration from anther culture in wheat (Triticum aestivum L.). Plant Cell Reports, 1988, 7, 127-129.	5.6	63
34	Data Mining in Analysis of Biomechanical Signals. Solid State Phenomena, 0, 147-149, 588-593.	0.3	4
35	Human Gait Analysis and Classification Based on Neural Networks and Fuzzy Logic. Solid State Phenomena, 0, 147-149, 600-605.	0.3	1
36	A Comparative Study of Different Neighborhood Topologies in WTM Kohonen Self-Organizing Maps. Solid State Phenomena, 0, 147-149, 564-569.	0.3	1

#	Article	IF	Citations
37	Mining for Knowledge to Build Decision Support System for Treatment of Plano-Valgus. Solid State Phenomena, 0, 199, 49-54.	0.3	0
38	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
39	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
40	Analysis of Significant Prognostic Factors of Patients with Bladder Cancer Using Self-Organizing Maps. Solid State Phenomena, 0, 199, 223-228.	0.3	0