

JiÅÃ- Hozman

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

64
citations

1937685

4
h-index

1872680

6
g-index

30
all docs

30
docs citations

30
times ranked

65
citing authors

#	ARTICLE	IF	CITATIONS
1	Micro-Computed Tomography Soft Tissue Biological Specimens Image Data Visualization. Applied Sciences (Switzerland), 2022, 12, 4918.	2.5	3
2	Multiscale Poincaré Plots Analysis of Nystagmus Amplitude Variability During Rotation on Bárány Chair. IFMBE Proceedings, 2021, , 857-867.	0.3	0
3	Is left bundle branch block pattern on the ECG caused by variable ventricular activation sequence?. PACE - Pacing and Clinical Electrophysiology, 2020, 43, 486-494.	1.2	2
4	A simulation study of left ventricular decompression using a double lumen arterial cannula prototype during a veno-arterial extracorporeal membrane oxygenation. International Journal of Artificial Organs, 2019, 42, 748-756.	1.4	2
5	The peripheral cannulas in extracorporeal life support. Biomedizinische Technik, 2019, 64, 127-133.	0.8	14
6	Influence of artificially generated interocular blur difference on fusion stability under vergence stress. Journal of Eye Movement Research, 2019, 12, .	0.8	1
7	A Hybrid Motion Capture Helmet System for Measuring the Kinematic Parameters of Gait. , 2018, , .		0
8	Biomedical Engineering Education in Context of New Legislation in the Czech Republic. IFMBE Proceedings, 2018, , 105-108.	0.3	0
9	RELATION BETWEEN LEFT VENTRICULAR UNLOADING DURING ECMO AND DRAINAGE CATHETER SIZE ASSESSED BY MATHEMATICAL MODELING. Acta Polytechnica, 2017, 57, 367.	0.6	1
10	SYSTEM FOR MEASURING KINEMATICS OF VESTIBULAR SYSTEM MOVEMENTS IN NEUROLOGICAL PRACTICE. Acta Polytechnica, 2016, 56, 336-343.	0.6	4
11	Qualitative evaluation methods of movement of the vestibular system in neurological practice. , 2016, , .		1
12	Software monitor of vital functions for a mannequin realized on tablet PC. , 2013, , .		0
13	Motion Capture Camera System for Measurement of Head and Shoulders Position. Biomedizinische Technik, 2012, 57, .	0.8	5
14	Pattern recognition of epileptic EEG graphoelements with adaptive segmentation, supervised and unsupervised learning algorithms. Biomedizinische Technik, 2012, 57, .	0.8	1
15	Identification of the Position of Head and Shoulders in Neurological Practice with the Use of Two Cameras. IFMBE Proceedings, 2011, , 733-736.	0.3	2
16	Comparison of Methods of Measurement of Head Position in Neurological Practice. IFMBE Proceedings, 2010, , 455-458.	0.3	2
17	Digital Wireless Craniocorpography with Sidelong Scanning by TV Fisheye Camera. IFMBE Proceedings, 2009, , 102-105.	0.3	2
18	Specialized glasses " projection displays for neurology investigation. IFMBE Proceedings, 2009, , 97-101.	0.3	2

#	ARTICLE	IF	CITATIONS
19	Thermoelectrical Stimulator for Patientsâ€™ Quantitative Sensory Testing. IFMBE Proceedings, 2009, , 1171-1175.	0.3	0
20	Contactless head posture measurement. IFMBE Proceedings, 2009, , 93-96.	0.3	0
21	Curriculum of Bachelor Studies - Biomedical Technician at the Czech Technical University. IFMBE Proceedings, 2009, , 2768-2771.	0.3	0
22	<title>Possibilities of deconvolution of image sampling structures</title>. , 2006, , .		0
23	Image quality influenced by selected image-sensor parameters. , 2003, 5036, 14.		2
24	Alignment of 3-D medical data sets based on an efficient optimizer and fast voxel recomputation. , 2003, , .		1
25	Dendritic growth in viscous solutions containing organic molecules. Journal of Crystal Growth, 1998, 193, 174-181.	1.5	9
26	Methods of Measurement and Evaluation of Eye, Head and Shoulders Position in Neurological Practice. , 0, , .		6