Jiří Hozman

List of Publications by Year
in descending order

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	The peripheral cannulas in extracorporeal life support. Biomedizinische Technik, 2019, 64, 127-133.	0.8	14
2	Dendritic growth in viscous solutions containing organic molecules. Journal of Crystal Growth, 1998, 193, 174-181.	1.5	9
3	Methods of Measurement and Evaluation of Eye, Head and Shoulders Position in Neurological Practice. , 0, , .		6
4	Motion Capture Camera System for Measurement of Head and Shoulders Position. Biomedizinische Technik, 2012, 57, .	0.8	5
5	SYSTEM FOR MEASURING KINEMATICS OF VESTIBULAR SYSTEM MOVEMENTS IN NEUROLOGICAL PRACTICE. Acta Polytechnica, 2016, 56, 336-343.	0.6	4
6	Micro-Computed Tomography Soft Tissue Biological Specimens Image Data Visualization. Applied Sciences (Switzerland), 2022, 12, 4918.	2.5	3
7	Image quality influenced by selected image-sensor parameters. , 2003, 5036, 14.		2
8	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
9	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
10	Digital Wireless Craniocorpography with Sidelong Scanning by TV Fisheye Camera. IFMBE Proceedings, 2009, , 102-105.	0.3	2
11	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
12	Specialized glasses â€" projection displays for neurology investigation. IFMBE Proceedings, 2009, , 97-101.	0.3	2
13	Comparison of Methods of Measurement of Head Position in Neurological Practice. IFMBE Proceedings, 2010, , 455-458.	0.3	2
14	Alignment of 3-D medical data sets based on an efficient optimizer and fast voxel recomputation. , 2003, , .		1
15	Pattern recognition of epileptic EEG graphoelements with adaptive segmentation, supervised and unsupervised learning algorithms. Biomedizinische Technik, 2012, 57, .	0.8	1
16	Qualitative evaluation methods of movement of the vestibular system in neurological practice. , 2016, , .		1
17	RELATION BETWEEN LEFT VENTRICULAR UNLOADING DURING ECMO AND DRAINAGE CATHETER SIZE ASSESSED BY MATHEMATICAL MODELING. Acta Polytechnica, 2017, 57, 367.	0.6	1
18	Influence of artificially generated interocular blur difference on fusion stability under vergence stress. Journal of Eye Movement Research, 2019, 12, .	0.8	1

#	Article	IF	Citations
19	<title>Possibilities of deconvolution of image sampling structures</title>. , 2006, , .		0
20	Software monitor of vital functions for a mannequin realized on tablet PC. , 2013, , .		0
21	A Hybrid Motion Capture Helmet System for Measuring the Kinematic Parameters of Gait. , 2018, , .		0
22	Thermoelectrical Stimulator for Patientsâ€™ Quantitative Sensory Testing. IFMBE Proceedings, 2009, , 1171-1175.	0.3	0
23	Contactless head posture measurement. IFMBE Proceedings, 2009, , 93-96.	0.3	0
24	Curriculum of Bachelor Studies - Biomedical Technician at the Czech Technical University. IFMBE Proceedings, 2009, , 2768-2771.	0.3	0
25	Biomedical Engineering Education in Context of New Legislation in the Czech Republic. IFMBE Proceedings, 2018, , 105-108.	0.3	0
26	Multiscale PoincarÃ© Plots Analysis of Nystagmus Amplitude Variability During Rotation on BÃ¡rÃ¡ny Chair. IFMBE Proceedings, 2021, , 857-867.	0.3	0