

Reza Fazel-Rezai

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

658
citations

11
h-index

25
g-index

39
ext. papers

841
ext. citations

2.2
avg, IF

4.02
L-index

#	Paper	IF	Citations
31	The effects of explosion sound on the brain based on electroencephalogram signals. <i>International Journal of Environmental Health Research</i> , 2020 , 30, 475-491	3.6	1
30	Antenna Effects on Respiratory Rate Measurement Using a UWB Radar System. <i>IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology</i> , 2018 , 2, 87-93	2.8	11
29	Skeletal Muscle Pump Drives Control of Cardiovascular and Postural Systems. <i>Scientific Reports</i> , 2017 , 7, 45301	4.9	22
28	Significant role of the cardiopostural interaction in blood pressure regulation during standing. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 313, H568-H577	5.2	11
27	Application of P300 Event-Related Potential in Brain-Computer Interface 2017 ,		4
26	A Novel EEG Based Spectral Analysis of Persistent Brain Function Alteration in Athletes with Concussion History. <i>Scientific Reports</i> , 2017 , 7, 17221	4.9	25
25	Automatic clustering-based segmentation and plaque localization in psoriasis digital images 2017 ,		2
24	Vertical ground reaction force marker for Parkinson's disease. <i>PLoS ONE</i> , 2017 , 12, e0175951	3.7	49
23	A review of methods and applications of brain computer interface systems 2016 ,		8
22	Tremor quantification of Parkinson's disease - a pilot study 2016 ,		11
21	Neurocognitive deficits observed on high school football players with history of concussion: A preliminary study 2016 ,		1
20	Continuous Balance Assessment of Autonomic Nervous System Using Time-Varying Analysis of Heart Rate Variability ¹ . <i>Journal of Medical Devices, Transactions of the ASME</i> , 2016 , 10,	1.3	1
19	Causal Cardio-Postural Interaction Under Orthostatic Stress ¹ . <i>Journal of Medical Devices, Transactions of the ASME</i> , 2016 , 10,	1.3	2
18	Toward Hand Arthritis Diagnostics Using Smart Phones: Camera Distortion Effect Correction ¹ . <i>Journal of Medical Devices, Transactions of the ASME</i> , 2016 , 10,	1.3	1
17	Fusion of Electrocardiogram and Accelerocardiogram Derived Respiration Methods for Estimation of Respiratory Phases. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2016 , 10,	1.3	1
16	Stretching effect on textile antenna for spacesuit 2016 ,		1
15	Detection and classification of acne lesions in acne patients: A mobile application 2016 ,		22

14	Flexible antenna for Wireless Body Area Network 2015 ,		4
13	Preliminary Results for Estimating Pulse Transit Time Using Seismocardiogram ¹ . <i>Journal of Medical Devices, Transactions of the ASME</i> , 2015 , 9,	1.3	9
12	Evaluation of SAR for integrated EBG textile monopole antenna for space health monitoring application 2015 ,		2
11	Heart Signal Abnormality Detection Using Artificial Neural Networks ¹ . <i>Journal of Medical Devices, Transactions of the ASME</i> , 2014 , 8,	1.3	1
10	Optimizing dynamical similarity index extraction window for seizure detection. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2014 , 2014, 2225-8	0.9	
9	Seizure prediction using adaptive neuro-fuzzy inference system. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2013 , 2013, 2100-3	0.9	6
8	A Review of Hybrid Brain-Computer Interface Systems. <i>Advances in Human-Computer Interaction</i> , 2013 , 2013, 1-8	2.8	116
7	Mental workload and task engagement evaluation based on changes in electroencephalogram. <i>Biomedical Engineering Letters</i> , 2012 , 2, 139-146	3.6	10
6	P300 brain computer interface: current challenges and emerging trends. <i>Frontiers in Neuroengineering</i> , 2012 , 5, 14		205
5	Reducing human error in P300 speller paradigm for brain-computer interface. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2012 , 2012, 2869-72	0.9	11
4	A fuzzy logic system for seizure onset detection in intracranial EEG. <i>Computational Intelligence and Neuroscience</i> , 2012 , 2012, 705140	3	4 ¹
3	A Heart Monitoring System for a Mobile Device. <i>International Journal of Handheld Computing Research</i> , 2012 , 3, 22-39		3
2	A comparison among several P300 brain-computer interface speller paradigms. <i>Clinical EEG and Neuroscience</i> , 2011 , 42, 209-13	2.3	12
1	A region-based P300 speller for brain-computer interface. <i>Canadian Journal of Electrical and Computer Engineering</i> , 2009 , 34, 81-85	1.4	64