

Imran Khan Niazi

List of Publications by Year in descending order

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149
papers

3,503
citations

172386
29
h-index

168321
53
g-index

151
all docs

151
docs citations

151
times ranked

2737
citing authors

#	ARTICLE	IF	CITATIONS
1	EMD-Based Temporal and Spectral Features for the Classification of EEG Signals Using Supervised Learning. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2016, 24, 28-35.	2.7	269
2	Precise temporal association between cortical potentials evoked by motor imagination and afference induces cortical plasticity. Journal of Physiology, 2012, 590, 1669-1682.	1.3	210
3	Detection of movement intention from single-trial movement-related cortical potentials. Journal of Neural Engineering, 2011, 8, 066009.	1.8	208
4	Efficient neuroplasticity induction in chronic stroke patients by an associative brain-computer interface. Journal of Neurophysiology, 2016, 115, 1410-1421.	0.9	189
5	Multiday EMG-Based Classification of Hand Motions with Deep Learning Techniques. Sensors, 2018, 18, 2497.	2.1	146
6	Peripheral Electrical Stimulation Triggered by Self-Paced Detection of Motor Intention Enhances Motor Evoked Potentials. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2012, 20, 595-604.	2.7	129
7	Detection and classification of movement-related cortical potentials associated with task force and speed. Journal of Neural Engineering, 2013, 10, 056015.	1.8	98
8	A Review of Techniques for Detection of Movement Intention Using Movement-Related Cortical Potentials. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-13.	0.7	91
9	Multiday Evaluation of Techniques for EMG-Based Classification of Hand Motions. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1526-1534.	3.9	82
10	Performance Evaluation of Convolutional Neural Network for Hand Gesture Recognition Using EMG. Sensors, 2020, 20, 1642.	2.1	76
11	Detection of movement-related cortical potentials based on subject-independent training. Medical and Biological Engineering and Computing, 2013, 51, 507-512.	1.6	75
12	Detecting and classifying movement-related cortical potentials associated with hand movements in healthy subjects and stroke patients from single-electrode, single-trial EEG. Journal of Neural Engineering, 2015, 12, 056013.	1.8	70
13	ERP based measures of cognitive workload: A review. Neuroscience and Biobehavioral Reviews, 2020, 118, 18-26.	2.9	62
14	Detecting and classifying three different hand movement types through electroencephalography recordings for neurorehabilitation. Medical and Biological Engineering and Computing, 2016, 54, 1491-1501.	1.6	60
15	Brain Tumour Image Segmentation Using Deep Networks. IEEE Access, 2020, 8, 153589-153598.	2.6	60
16	Changes in H-reflex and V-waves following spinal manipulation. Experimental Brain Research, 2015, 233, 1165-1173.	0.7	57
17	Latest Research Trends in Gait Analysis Using Wearable Sensors and Machine Learning: A Systematic Review. IEEE Access, 2020, 8, 167830-167864.	2.6	56
18	Xbox 360 Kinect Cognitive Games Improve Slowness, Complexity of EEG, and Cognitive Functions in Subjects with Mild Cognitive Impairment: A Randomized Control Trial. Games for Health Journal, 2019, 8, 144-152.	1.1	51

#	ARTICLE	IF	CITATIONS
19	An Energy Management System of Campus Microgrids: State-of-the-Art and Future Challenges. <i>Energies</i> , 2021, 14, 6525.	1.6	51
20	Improvement in solar panel efficiency using solar concentration by simple mirrors and by cooling. , 2014, , .		50
21	An EEG Experimental Study Evaluating the Performance of Texas Instruments ADS1299. <i>Sensors</i> , 2018, 18, 3721.	2.1	49
22	Comparison of spatial filters and features for the detection and classification of movement-related cortical potentials in healthy individuals and stroke patients. <i>Journal of Neural Engineering</i> , 2015, 12, 056003.	1.8	47
23	Manipulation of Dysfunctional Spinal Joints Affects Sensorimotor Integration in the Prefrontal Cortex: A Brain Source Localization Study. <i>Neural Plasticity</i> , 2016, 2016, 1-9.	1.0	47
24	Stacked Sparse Autoencoders for EMG-Based Classification of Hand Motions: A Comparative Multi Day Analyses between Surface and Intramuscular EMG. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1126.	1.3	45
25	The effect of time on EMG classification of hand motions in able-bodied and transradial amputees. <i>Journal of Electromyography and Kinesiology</i> , 2018, 40, 72-80.	0.7	43
26	Energy Optimization in Smart Homes Using Customer Preference and Dynamic Pricing. <i>Energies</i> , 2016, 9, 593.	1.6	40
27	The effects of a single session of spinal manipulation on strength and cortical drive in athletes. <i>European Journal of Applied Physiology</i> , 2018, 118, 737-749.	1.2	38
28	Impact of Spinal Manipulation on Cortical Drive to Upper and Lower Limb Muscles. <i>Brain Sciences</i> , 2017, 7, 2.	1.1	37
29	Therapeutic effects of aerobic exercise on EEG parameters and higher cognitive functions in mild cognitive impairment patients. <i>International Journal of Neuroscience</i> , 2019, 129, 551-562.	0.8	37
30	Upper limb complex movements decoding from pre-movement EEG signals using wavelet common spatial patterns. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 183, 105076.	2.6	35
31	Performance of a Simulated Adaptive BCI Based on Experimental Classification of Movement-Related and Error Potentials. <i>IEEE Journal on Emerging and Selected Topics in Circuits and Systems</i> , 2011, 1, 480-488.	2.7	33
32	Quantification of Movement-Related EEG Correlates Associated with Motor Training: A Study on Movement-Related Cortical Potentials and Sensorimotor Rhythms. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 604.	1.0	29
33	Melanoma segmentation using deep learning with test-time augmentations and conditional random fields. <i>Scientific Reports</i> , 2022, 12, 3948.	1.6	27
34	Pairing Voluntary Movement and Muscle-Located Electrical Stimulation Increases Cortical Excitability. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 482.	1.0	26
35	Adaptive hybrid free space optical/radio frequency communication system. <i>Telecommunication Systems</i> , 2017, 65, 117-126.	1.6	24
36	Leveraging ANN and LDA Classifiers for Characterizing Different Hand Movements Using EMG Signals. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 1761-1769.	1.7	24

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37	Rehabilitation of Upper Limb Motor Impairment in Stroke: A Narrative Review on the Prevalence, Risk Factors, and Economic Statistics of Stroke and State of the Art Therapies. <i>Healthcare (Switzerland)</i> , 2022, 10, 190.	1.0	23
38	Comparison of Features for Movement Prediction from Single-Trial Movement-Related Cortical Potentials in Healthy Subjects and Stroke Patients. <i>Computational Intelligence and Neuroscience</i> , 2015, 2015, 1-8.	1.1	22
39	EMG- Versus EEG-Triggered Electrical Stimulation for Inducing Corticospinal Plasticity. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019, 27, 1901-1908.	2.7	22
40	The contemporary model of vertebral column joint dysfunction and impact of high-velocity, low-amplitude controlled vertebral thrusts on neuromuscular function. <i>European Journal of Applied Physiology</i> , 2021, 121, 2675-2720.	1.2	22
41	Optimal Energy Management of a Campus Microgrid Considering Financial and Economic Analysis with Demand Response Strategies. <i>Energies</i> , 2021, 14, 8501.	1.6	22
42	Optimal automatic detection of muscle activation intervals. <i>Journal of Electromyography and Kinesiology</i> , 2019, 48, 103-111.	0.7	21
43	Validity and Reliability of a Smartphone App for Gait and Balance Assessment. <i>Sensors</i> , 2022, 22, 124.	2.1	21
44	Online multi-class brain-computer interface for detection and classification of lower limb movement intentions and kinetics for stroke rehabilitation. <i>Brain-Computer Interfaces</i> , 2015, 2, 202-210.	0.9	20
45	Posture modulates the sensitivity of the H-reflex. <i>Experimental Brain Research</i> , 2018, 236, 829-835.	0.7	20
46	Paired Associative Stimulation Delivered by Pairing Movement-Related Cortical Potentials With Peripheral Electrical Stimulation: An Investigation of the Duration of Neuromodulatory Effects. <i>Neuromodulation</i> , 2018, 21, 362-367.	0.4	20
47	The effects of chiropractic spinal manipulation on central processing of tonic pain - a pilot study using standardized low-resolution brain electromagnetic tomography (sLORETA). <i>Scientific Reports</i> , 2019, 9, 6925.	1.6	20
48	Modeling, control of a two-wheeled self-balancing robot. , 2014, , .		19
49	The effects of a single session of chiropractic care on strength, cortical drive, and spinal excitability in stroke patients. <i>Scientific Reports</i> , 2019, 9, 2673.	1.6	19
50	Self-Paced Online vs. Cue-Based Offline Brain-Computer Interfaces for Inducing Neural Plasticity. <i>Brain Sciences</i> , 2019, 9, 127.	1.1	17
51	Review on electromyography based intention for upper limb control using pattern recognition for human-machine interaction. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2022, 236, 628-645.	1.0	17
52	Effective Voting Ensemble of Homogenous Ensembling with Multiple Attribute-Selection Approaches for Improved Identification of Thyroid Disorder. <i>Electronics (Switzerland)</i> , 2021, 10, 3026.	1.8	17
53	Effects of 12 Weeks of Chiropractic Care on Central Integration of Dual Somatosensory Input in Chronic Pain Patients: A Preliminary Study. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2017, 40, 127-138.	0.4	16
54	Investigation of Optimal Afferent Feedback Modality for Inducing Neural Plasticity with A Self-Paced Brain-Computer Interface. <i>Sensors</i> , 2018, 18, 3761.	2.1	16

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55	Movement intention detection in adolescents with cerebral palsy from single-trial EEG. <i>Journal of Neural Engineering</i> , 2018, 15, 066030.	1.8	16
56	Chiropractic spinal manipulation alters TMS induced I-wave excitability and shortens the cortical silent period. <i>Journal of Electromyography and Kinesiology</i> , 2018, 42, 24-35.	0.7	16
57	A Tensor-Based Method for Completion of Missing Electromyography Data. <i>IEEE Access</i> , 2019, 7, 104710-104720.	2.6	15
58	Determination of Optimum Segmentation Schemes for Pattern Recognition-Based Myoelectric Control: A Multi-Dataset Investigation. <i>IEEE Access</i> , 2020, 8, 90862-90877.	2.6	15
59	Peripheral Electrical Stimulation Paired With Movement-Related Cortical Potentials Improves Isometric Muscle Strength and Voluntary Activation Following Stroke. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 156.	1.0	15
60	Presence of obesity is associated with lower mortality in elderly patients with implantable cardioverter defibrillator. <i>International Journal of Obesity</i> , 2018, 42, 169-174.	1.6	14
61	Decoding Attempted Hand Movements in Stroke Patients Using Surface Electromyography. <i>Sensors</i> , 2020, 20, 6763.	2.1	14
62	Classification of error-related potentials from single-trial EEG in association with executed and imagined movements: a feature and classifier investigation. <i>Medical and Biological Engineering and Computing</i> , 2020, 58, 2699-2710.	1.6	13
63	Classification of Hand Grasp Kinetics and Types Using Movement-Related Cortical Potentials and EEG Rhythms. <i>Computational Intelligence and Neuroscience</i> , 2017, 2017, 1-8.	1.1	12
64	Eye and Voice-Controlled Human Machine Interface System for Wheelchairs Using Image Gradient Approach. <i>Sensors</i> , 2020, 20, 5510.	2.1	12
65	A novel approach to validate the efficacy of single task ERP paradigms to measure cognitive workload. <i>International Journal of Psychophysiology</i> , 2020, 158, 9-15.	0.5	12
66	A Multiday Evaluation of Real-Time Intramuscular EMG Usability with ANN. <i>Sensors</i> , 2020, 20, 3385.	2.1	12
67	Effect of subject training on a movement-related cortical potential-based brain-computer interface. <i>Biomedical Signal Processing and Control</i> , 2018, 41, 63-68.	3.5	11
68	Enhanced control strategies of VSG for EV charging station under a low inertia microgrid. <i>IET Power Electronics</i> , 2020, 13, 2895-2904.	1.5	11
69	Technical Assessment of Hybrid HVDC Circuit Breaker Components under M-HVDC Faults. <i>Energies</i> , 2021, 14, 8148.	1.6	11
70	Chiropractic Manipulation Increases Maximal Bite Force in Healthy Individuals. <i>Brain Sciences</i> , 2018, 8, 76.	1.1	10
71	Automated Labeling of Movement- Related Cortical Potentials Using Segmented Regression. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2019, 27, 1282-1291.	2.7	10
72	Detection and classification of single-trial movement-related cortical potentials associated with functional lower limb movements. <i>Journal of Neural Engineering</i> , 2020, 17, 035009.	1.8	10

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73	Evaluation of windowing techniques for intramuscular EMG-based diagnostic, rehabilitative and assistive devices. <i>Journal of Neural Engineering</i> , 2021, 18, 016017.	1.8	10
74	Electroencephalographic Recording of the Movement-Related Cortical Potential in Ecologically Valid Movements: A Scoping Review. <i>Frontiers in Neuroscience</i> , 2021, 15, 721387.	1.4	10
75	Induction of Long-term Depression-like Plasticity by Pairings of Motor Imagination and Peripheral Electrical Stimulation. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 644.	1.0	9
76	Increased Voluntary Activation of the Elbow Flexors Following a Single Session of Spinal Manipulation in a Subclinical Neck Pain Population. <i>Brain Sciences</i> , 2019, 9, 136.	1.1	9
77	The Effects of Filter's Class, Cutoff Frequencies, and Independent Component Analysis on the Amplitude of Somatosensory Evoked Potentials Recorded from Healthy Volunteers. <i>Sensors</i> , 2019, 19, 2610.	2.1	9
78	Investigating the Effects of Chiropractic Spinal Manipulation on EEG in Stroke Patients. <i>Brain Sciences</i> , 2020, 10, 253.	1.1	9
79	A novel approach for classification of hand movements using surface EMG signals. , 2017, , .		8
80	Transcranial magnetic stimulation induced early silent period and rebound activity re-examined. <i>PLoS ONE</i> , 2019, 14, e0225535.	1.1	8
81	The Variability of Psychophysical Parameters Following Surface and Subdermal Stimulation: A Multiday Study in Amputees. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020, 28, 174-180.	2.7	8
82	Classification of Overt and Covert Speech for Near-Infrared Spectroscopy-Based Brain Computer Interface. <i>Sensors</i> , 2018, 18, 2989.	2.1	7
83	Impact of an Energy Monitoring System on the Energy Efficiency of an Automobile Factory: A Case Study. <i>Energies</i> , 2020, 13, 2577.	1.6	7
84	Detection of Error-Related Potentials in Stroke Patients from EEG Using an Artificial Neural Network. <i>Sensors</i> , 2021, 21, 6274.	2.1	7
85	Detection of Movement Intentions through a Single Channel of Electroencephalography. <i>Biosystems and Biorobotics</i> , 2014, , 465-472.	0.2	6
86	SVM-based Real-Time Classification of Prosthetic Fingers using Myo Armband-acquired Electromyography Data. , 2021, , .		6
87	Associative cued asynchronous <sc>BCI</sc> induces cortical plasticity in stroke patients. <i>Annals of Clinical and Translational Neurology</i> , 2022, 9, 722-733.	1.7	6
88	Human tracking by a mobile robot using 3D features. , 2013, , .		5
89	Robust Repetitive Current Control of Two-Level Utility-Connected Converter using LCL Filter. <i>Arabian Journal for Science and Engineering</i> , 2015, 40, 2653-2670.	1.1	5
90	Intelligent Machine Vision Based Modeling and Positioning System in Sand Casting Process. <i>Advances in Materials Science and Engineering</i> , 2017, 2017, 1-11.	1.0	5

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91	Functional Connectivity Analysis on Resting-State Electroencephalography Signals Following Chiropractic Spinal Manipulation in Stroke Patients. <i>Brain Sciences</i> , 2020, 10, 644.	1.1	5
92	Comparison between Embroidered and Gel Electrodes on ECG-Derived Respiration Rate. , 2020, 2020, 2622-2625.		5
93	The Effect of Spinal Manipulation on the Electrophysiological and Metabolic Properties of the Tibialis Anterior Muscle. <i>Healthcare (Switzerland)</i> , 2020, 8, 548.	1.0	5
94	A Transformerless AC-AC Converter with Improved Power Quality Employed to Step-Down Power Frequency at Output. <i>Energies</i> , 2022, 15, 667.	1.6	5
95	EEG signatures change during unilateral Yogi nasal breathing. <i>Scientific Reports</i> , 2022, 12, 520.	1.6	5
96	Reply to Morone, G.; Giansanti, D. Comment on "Anwer et al. Rehabilitation of Upper Limb Motor Impairment in Stroke: A Narrative Review on the Prevalence, Risk Factors, and Economic Statistics of Stroke and State of the Art Therapies. <i>Healthcare</i> 2022, 10, 190". <i>Healthcare (Switzerland)</i> , 2022, 10, 847.	1.0	5
97	Face and eye detection in images using skin color segmentation and circular hough transform. , 2014, , .		4
98	The Potential Mechanisms of High-Velocity, Low-Amplitude, Controlled Vertebral Thrusts on Neuroimmune Function: A Narrative Review. <i>Medicina (Lithuania)</i> , 2021, 57, 536.	0.8	4
99	Efficacy of a Single-Task ERP Measure to Evaluate Cognitive Workload During a Novel Exergame. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 742384.	1.0	4
100	Using a Portable Device for Online Single-Trial MRCP Detection and Classification. <i>Lecture Notes in Computer Science</i> , 2015, , 527-534.	1.0	4
101	Inter-classifier comparison for upper extremity EMG signal at different hand postures and arm positions using pattern recognition. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2022, 236, 228-238.	1.0	4
102	Investigating the feasibility of combining EEG and EMG for controlling a hybrid human computer interface in patients with spinal cord injury. , 2020, , .		4
103	Accuracy of a BCI based on movement-related and error potentials. , 2011, 2011, 3688-91.		3
104	LQR Based Training of Adaptive Neuro-Fuzzy Controller. <i>Smart Innovation, Systems and Technologies</i> , 2016, , 311-322.	0.5	3
105	Performance of Combined Surface and Intramuscular EMG for Classification of Hand Movements. , 2018, 2018, 5220-5223.		3
106	Investigating the Intervention Parameters of Endogenous Paired Associative Stimulation (ePAS). <i>Brain Sciences</i> , 2021, 11, 224.	1.1	3
107	Decoding of Ankle Joint Movements in Stroke Patients Using Surface Electromyography. <i>Sensors</i> , 2021, 21, 1575.	2.1	3
108	The Effects of 4 Weeks of Chiropractic Spinal Adjustments on Motor Function in People with Stroke: A Randomized Controlled Trial. <i>Brain Sciences</i> , 2021, 11, 676.	1.1	3

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109	The Effects of Spinal Manipulation on Motor Unit Behavior. Brain Sciences, 2021, 11, 105.	1.1	3
110	Cognitive task-related oscillations in human internal globus pallidus and subthalamic nucleus. Behavioural Brain Research, 2022, 424, 113787.	1.2	3
111	Non-linear optimized spatial filter for single-trial identification of movement related cortical potential. Biocybernetics and Biomedical Engineering, 2022, 42, 426-436.	3.3	3
112	Processing movement related cortical potentials in EEG signals for identification of slow and fast movements. , 2014, 2014, 4908-11.		2
113	A brain computer interface (BCI) intervention to increase corticomotor excitability in the lower limb in people with stroke. Physiotherapy, 2015, 101, e1495.	0.2	2
114	Multipoint Pacing Reduces Predicted Health Care Costs in the Majority of Cardiac Resynchronization Therapy Patients. Journal of Cardiac Failure, 2018, 24, S124.	0.7	2
115	Transfer Learning for Electroencephalogram Signals. International Journal of Bioscience, Biochemistry, Bioinformatics (IJBBB), 2017, 7, 143-152.	0.2	2
116	Functional and Corticomuscular Changes Associated with Early Phase of Motor Training. Biosystems and Biorobotics, 2019, , 759-763.	0.2	2
117	Chiropractic Spinal Adjustment Increases the Cortical Drive to the Lower Limb Muscle in Chronic Stroke Patients. Frontiers in Neurology, 2021, 12, 747261.	1.1	2
118	Single-Trial Classification of Error-Related Potentials in People with Motor Disabilities: A Study in Cerebral Palsy, Stroke, and Amputees. Sensors, 2022, 22, 1676.	2.1	2
119	Scalable tensor factorization for recovering multiday missing intramuscular electromyography data. Journal of Intelligent and Fuzzy Systems, 2022, 43, 1177-1187.	0.8	2
120	Self-paced vs. cue-based motor task: The difference in cortical activity. , 2011, , .		1
121	Classification of kinetics of movement for lower limb using covariate shift method for brain computer interface. , 2014, , .		1
122	Chiropractic, Cortical Excitability and BCI. Biosystems and Biorobotics, 2014, , 121-125.	0.2	1
123	Three-dimensional Cardiac Mapping Characterizes Ventricular Contractile Patterns during Cardiac Resynchronization Therapy Implant: A Feasibility Study. PACE - Pacing and Clinical Electrophysiology, 2015, 38, 1091-1098.	0.5	1
124	Text Detection and Recognition for Semantic Mapping in Indoor Navigation. , 2015, , .		1
125	An empirical study to remove noise from single-trial MRCP for movement intention detection. , 2015, , .		1
126	Feature domain-specific movement intention detection for stroke rehabilitation with brain-computer interfaces. , 2016, 2016, 5725-5728.		1

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127	Automatic tracking of cervical spine using fluoroscopic sequences. , 2017, , .		1
128	Acute Effects of Aerobic Exercise on Somatosensory-Evoked Potentials in Patients with Mild Cognitive Impairment. Brain Sciences, 2020, 10, 663.	1.1	1
129	Reliability of Tibialis Anterior Muscle Voluntary Activation Using the Interpolated Twitch Technique and the Central Activation Ratio in People with Stroke. Brain Sciences, 2021, 11, 176.	1.1	1
130	Effect of Brain Training Game on Mild Cognitive Impairment (MCI) in Older Adults. , 2021, 15, 2272-2275.		1
131	footPress: An Open-Source MATLAB Toolbox for Analysis of Pedobarography Data. Biosystems and Biorobotics, 2019, , 361-364.	0.2	1
132	LivBioSig: Development of a toolbox for online bio-signals processing and experimentation. , 2011, 2011, 7302-5.		0
133	The potential of imagination and artificial afference in stroke rehabilitation. , 2012, , .		0
134	Centre of mass avoidance planner using radius of gyration for Reciprocal Velocity Obstacles. , 2014, , .		0
135	Chiropractic Alters TMS Induced Motor Neuronal Excitability: Preliminary Findings. Biosystems and Biorobotics, 2014, , 35-37.	0.2	0
136	Intelligent control of industrial robotic three degree of freedom crane using Artificial Neural Network. , 2016, , .		0
137	Universal Matched-Filter Template Versus Individualized Template for Single Trial Detection of Movement Intentions of Different Tasks. Smart Innovation, Systems and Technologies, 2016, , 275-282.	0.5	0
138	Video abstraction inspired by human visual attention models. , 2018, , .		0
139	Intra- and Inter-Rater Reliability of Manual Feature Extraction Methods in Movement Related Cortical Potential Analysis. Sensors, 2020, 20, 2427.	2.1	0
140	Detection of Attempted Stroke Hand Motions from Surface EMG. Biosystems and Biorobotics, 2022, , 47-52.	0.2	0
141	Use of Empirical Mode Decomposition for Classification of MRCP Based Task Parameters. Lecture Notes in Computer Science, 2014, , 77-84.	1.0	0
142	Use of Neuromodulatory Approaches in Stroke Rehabilitation. Journal of Riphah College of Rehabilitation Sciences, 2018, , 1.	0.0	0
143	Modeling and Control of Rehabilitation Robotic Device: motoBOTTE. Biosystems and Biorobotics, 2019, , 546-550.	0.2	0
144	Transcranial magnetic stimulation induced early silent period and rebound activity re-examined. , 2019, 14, e0225535.		0

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145	Transcranial magnetic stimulation induced early silent period and rebound activity re-examined. , 2019, 14, e0225535.		0
146	Transcranial magnetic stimulation induced early silent period and rebound activity re-examined. , 2019, 14, e0225535.		0
147	Transcranial magnetic stimulation induced early silent period and rebound activity re-examined. , 2019, 14, e0225535.		0
148	Transcranial magnetic stimulation induced early silent period and rebound activity re-examined. , 2019, 14, e0225535.		0
149	Transcranial magnetic stimulation induced early silent period and rebound activity re-examined. , 2019, 14, e0225535.		0