

# 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	Detection of Attempted Stroke Hand Motions from Surface EMG. Biosystems and Biorobotics, 2022, , 47-52.	0.2	0
2	Inter-classifier comparison for upper extremity EMG signal at different hand postures and arm positions using pattern recognition. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2022, 236, 228-238.	1.0	4
3	A Transformerless AC-AC Converter with Improved Power Quality Employed to Step-Down Power Frequency at Output. Energies, 2022, 15, 667.	1.6	5
4	EEG signatures change during unilateral Yogi nasal breathing. Scientific Reports, 2022, 12, 520.	1.6	5
5	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. Healthcare (Switzerland), 2022, 10, 190.	1.0	23
6	Review on electromyography based intention for upper limb control using pattern recognition for human-machine interaction. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2022, 236, 628-645.	1.0	17
7	Cognitive task-related oscillations in human internal globus pallidus and subthalamic nucleus. Behavioural Brain Research, 2022, 424, 113787.	1.2	3
8	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
9	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
10	Melanoma segmentation using deep learning with test-time augmentations and conditional random fields. Scientific Reports, 2022, 12, 3948.	1.6	27
11	Validity and Reliability of a Smartphone App for Gait and Balance Assessment. Sensors, 2022, 22, 124.	2.1	21
12	Associative cued asynchronous <sc>BCI</sc> induces cortical plasticity in stroke patients. Annals of Clinical and Translational Neurology, 2022, 9, 722-733.	1.7	6
13	Scalable tensor factorization for recovering multiday missing intramuscular electromyography data. Journal of Intelligent and Fuzzy Systems, 2022, 43, 1177-1187.	0.8	2
14	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. Healthcare 2022, 10, 190". Healthcare (Switzerland), 2022, 10, 847.	1.0	5
15	Leveraging ANN and LDA Classifiers for Characterizing Different Hand Movements Using EMG Signals. Arabian Journal for Science and Engineering, 2021, 46, 1761-1769.	1.7	24
16	Investigating the Intervention Parameters of Endogenous Paired Associative Stimulation (ePAS). Brain Sciences, 2021, 11, 224.	1.1	3
17	Decoding of Ankle Joint Movements in Stroke Patients Using Surface Electromyography. Sensors, 2021, 21, 1575.	2.1	3
18	Evaluation of windowing techniques for intramuscular EMG-based diagnostic, rehabilitative and assistive devices. Journal of Neural Engineering, 2021, 18, 016017.	1.8	10

#	ARTICLE	IF	CITATIONS
19	Reliability of Tibialis Anterior Muscle Voluntary Activation Using the Interpolated Twitch Technique and the Central Activation Ratio in People with Stroke. <i>Brain Sciences</i> , 2021, 11, 176.	1.1	1
20	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
21	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
22	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
23	Detection of Error-Related Potentials in Stroke Patients from EEG Using an Artificial Neural Network. <i>Sensors</i> , 2021, 21, 6274.	2.1	7
24	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
25	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
26	The Effects of Spinal Manipulation on Motor Unit Behavior. <i>Brain Sciences</i> , 2021, 11, 105.	1.1	3
27	Effect of Brain Training Game on Mild Cognitive Impairment (MCI) in Older Adults. , 2021, 15, 2272-2275.		1
28	An Energy Management System of Campus Microgrids: State-of-the-Art and Future Challenges. <i>Energies</i> , 2021, 14, 6525.	1.6	51
29	SVM-based Real-Time Classification of Prosthetic Fingers using Myo Armband-acquired Electromyography Data. , 2021, , .		6
30	Chiropractic Spinal Adjustment Increases the Cortical Drive to the Lower Limb Muscle in Chronic Stroke Patients. <i>Frontiers in Neurology</i> , 2021, 12, 747261.	1.1	2
31	Technical Assessment of Hybrid HVDC Circuit Breaker Components under M-HVDC Faults. <i>Energies</i> , 2021, 14, 8148.	1.6	11
32	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
33	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
34	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
35	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
36	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

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37	Acute Effects of Aerobic Exercise on Somatosensory-Evoked Potentials in Patients with Mild Cognitive Impairment. <i>Brain Sciences</i> , 2020, 10, 663.	1.1	1
38	Eye and Voice-Controlled Human Machine Interface System for Wheelchairs Using Image Gradient Approach. <i>Sensors</i> , 2020, 20, 5510.	2.1	12
39	Comparison between Embroidered and Gel Electrodes on ECG-Derived Respiration Rate. , 2020, 2020, 2622-2625.		5
40	ERP based measures of cognitive workload: A review. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 118, 18-26.	2.9	62
41	Decoding Attempted Hand Movements in Stroke Patients Using Surface Electromyography. <i>Sensors</i> , 2020, 20, 6763.	2.1	14
42	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
43	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
44	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
45	Latest Research Trends in Gait Analysis Using Wearable Sensors and Machine Learning: A Systematic Review. <i>IEEE Access</i> , 2020, 8, 167830-167864.	2.6	56
46	Brain Tumour Image Segmentation Using Deep Networks. <i>IEEE Access</i> , 2020, 8, 153589-153598.	2.6	60
47	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
48	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
49	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
50	A Multiday Evaluation of Real-Time Intramuscular EMG Usability with ANN. <i>Sensors</i> , 2020, 20, 3385.	2.1	12
51	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
52	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
53	Performance Evaluation of Convolutional Neural Network for Hand Gesture Recognition Using EMG. <i>Sensors</i> , 2020, 20, 1642.	2.1	76
54	Intra- and Inter-Rater Reliability of Manual Feature Extraction Methods in Movement Related Cortical Potential Analysis. <i>Sensors</i> , 2020, 20, 2427.	2.1	0

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55	Investigating the Effects of Chiropractic Spinal Manipulation on EEG in Stroke Patients. <i>Brain Sciences</i> , 2020, 10, 253.	1.1	9
56	Investigating the feasibility of combining EEG and EMG for controlling a hybrid human computer interface in patients with spinal cord injury. , 2020, , .		4
57	Multiday Evaluation of Techniques for EMG-Based Classification of Hand Motions. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2019, 23, 1526-1534.	3.9	82
58	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
59	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
60	Optimal automatic detection of muscle activation intervals. <i>Journal of Electromyography and Kinesiology</i> , 2019, 48, 103-111.	0.7	21
61	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
62	A Tensor-Based Method for Completion of Missing Electromyography Data. <i>IEEE Access</i> , 2019, 7, 104710-104720.	2.6	15
63	Self-Paced Online vs. Cue-Based Offline Brain-Computer Interfaces for Inducing Neural Plasticity. <i>Brain Sciences</i> , 2019, 9, 127.	1.1	17
64	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
65	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
66	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
67	Transcranial magnetic stimulation induced early silent period and rebound activity re-examined. <i>PLoS ONE</i> , 2019, 14, e0225535.	1.1	8
68	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
69	Xbox 360 Kinect Cognitive Games Improve Slowness, Complexity of EEG, and Cognitive Functions in Subjects with Mild Cognitive Impairment: A Randomized Control Trial. <i>Games for Health Journal</i> , 2019, 8, 144-152.	1.1	51
70	footPress: An Open-Source MATLAB Toolbox for Analysis of Pedobarography Data. <i>Biosystems and Biorobotics</i> , 2019, , 361-364.	0.2	1
71	Modeling and Control of Rehabilitation Robotic Device: motoBOTTE. <i>Biosystems and Biorobotics</i> , 2019, , 546-550.	0.2	0
72	Functional and Corticomuscular Changes Associated with Early Phase of Motor Training. <i>Biosystems and Biorobotics</i> , 2019, , 759-763.	0.2	2

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73	Transcranial magnetic stimulation induced early silent period and rebound activity re-examined. , 2019, 14, e0225535.		0
74	Transcranial magnetic stimulation induced early silent period and rebound activity re-examined. , 2019, 14, e0225535.		0
75	Transcranial magnetic stimulation induced early silent period and rebound activity re-examined. , 2019, 14, e0225535.		0
76	Transcranial magnetic stimulation induced early silent period and rebound activity re-examined. , 2019, 14, e0225535.		0
77	Transcranial magnetic stimulation induced early silent period and rebound activity re-examined. , 2019, 14, e0225535.		0
78	Transcranial magnetic stimulation induced early silent period and rebound activity re-examined. , 2019, 14, e0225535.		0
79	The effect of time on EMG classification of hand motions in able-bodied and transradial amputees. Journal of Electromyography and Kinesiology, 2018, 40, 72-80.	0.7	43
80	Posture modulates the sensitivity of the H-reflex. Experimental Brain Research, 2018, 236, 829-835.	0.7	20
81	The effects of a single session of spinal manipulation on strength and cortical drive in athletes. European Journal of Applied Physiology, 2018, 118, 737-749.	1.2	38
82	Paired Associative Stimulation Delivered by Pairing Movement-Related Cortical Potentials With Peripheral Electrical Stimulation: An Investigation of the Duration of Neuromodulatory Effects. Neuromodulation, 2018, 21, 362-367.	0.4	20
83	Presence of obesity is associated with lower mortality in elderly patients with implantable cardioverter defibrillator. International Journal of Obesity, 2018, 42, 169-174.	1.6	14
84	Effect of subject training on a movement-related cortical potential-based brain-computer interface. Biomedical Signal Processing and Control, 2018, 41, 63-68.	3.5	11
85	Video abstraction inspired by human visual attention models. , 2018, , .		0
86	Investigation of Optimal Afferent Feedback Modality for Inducing Neural Plasticity with A Self-Paced Brain-Computer Interface. Sensors, 2018, 18, 3761.	2.1	16
87	An EEG Experimental Study Evaluating the Performance of Texas Instruments ADS1299. Sensors, 2018, 18, 3721.	2.1	49
88	Performance of Combined Surface and Intramuscular EMG for Classification of Hand Movements. , 2018, 2018, 5220-5223.		3
89	Movement intention detection in adolescents with cerebral palsy from single-trial EEG. Journal of Neural Engineering, 2018, 15, 066030.	1.8	16
90	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

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91	Classification of Overt and Covert Speech for Near-Infrared Spectroscopy-Based Brain Computer Interface. <i>Sensors</i> , 2018, 18, 2989.	2.1	7
92	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
93	Multiday EMG-Based Classification of Hand Motions with Deep Learning Techniques. <i>Sensors</i> , 2018, 18, 2497.	2.1	146
94	Chiropractic Manipulation Increases Maximal Bite Force in Healthy Individuals. <i>Brain Sciences</i> , 2018, 8, 76.	1.1	10
95	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
96	Use of Neuromodulatory Approaches in Stroke Rehabilitation. <i>Journal of Riphah College of Rehabilitation Sciences</i> , 2018, , 1.	0.0	0
97	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
98	Adaptive hybrid free space optical/radio frequency communication system. <i>Telecommunication Systems</i> , 2017, 65, 117-126.	1.6	24
99	Automatic tracking of cervical spine using fluoroscopic sequences. , 2017, , .		1
100	Impact of Spinal Manipulation on Cortical Drive to Upper and Lower Limb Muscles. <i>Brain Sciences</i> , 2017, 7, 2.	1.1	37
101	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
102	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
103	A novel approach for classification of hand movements using surface EMG signals. , 2017, , .		8
104	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
105	Transfer Learning for Electroencephalogram Signals. <i>International Journal of Bioscience, Biochemistry, Bioinformatics (IJBBB)</i> , 2017, 7, 143-152.	0.2	2
106	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
107	Pairing Voluntary Movement and Muscle-Located Electrical Stimulation Increases Cortical Excitability. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 482.	1.0	26
108	Energy Optimization in Smart Homes Using Customer Preference and Dynamic Pricing. <i>Energies</i> , 2016, 9, 593.	1.6	40

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109	Intelligent control of industrial robotic three degree of freedom crane using Artificial Neural Network. , 2016, , .		0
110	Feature domain-specific movement intention detection for stroke rehabilitation with brain-computer interfaces. , 2016, 2016, 5725-5728.		1
111	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
112	LQR Based Training of Adaptive Neuro-Fuzzy Controller. Smart Innovation, Systems and Technologies, 2016, , 311-322.	0.5	3
113	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
114	Efficient neuroplasticity induction in chronic stroke patients by an associative brain-computer interface. Journal of Neurophysiology, 2016, 115, 1410-1421.	0.9	189
115	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
116	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
117	Induction of Long-term Depression-like Plasticity by Pairings of Motor Imagination and Peripheral Electrical Stimulation. Frontiers in Human Neuroscience, 2015, 9, 644.	1.0	9
118	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
119	Comparison of Features for Movement Prediction from Single-Trial Movement-Related Cortical Potentials in Healthy Subjects and Stroke Patients. Computational Intelligence and Neuroscience, 2015, 2015, 1-8.	1.1	22
120	Online multi-class brain-computer interface for detection and classification of lower limb movement intentions and kinetics for stroke rehabilitation. Brain-Computer Interfaces, 2015, 2, 202-210.	0.9	20
121	Changes in H-reflex and V-waves following spinal manipulation. Experimental Brain Research, 2015, 233, 1165-1173.	0.7	57
122	Comparison of spatial filters and features for the detection and classification of movement-related cortical potentials in healthy individuals and stroke patients. Journal of Neural Engineering, 2015, 12, 056003.	1.8	47
123	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
124	Robust Repetitive Current Control of Two-Level Utility-Connected Converter using LCL Filter. Arabian Journal for Science and Engineering, 2015, 40, 2653-2670.	1.1	5
125	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
126	Text Detection and Recognition for Semantic Mapping in Indoor Navigation. , 2015, , .		1



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127	An empirical study to remove noise from single-trial MRCP for movement intention detection. , 2015, , .		1
128	Using a Portable Device for Online Single-Trial MRCP Detection and Classification. Lecture Notes in Computer Science, 2015, , 527-534.	1.0	4
129	Classification of kinetics of movement for lower limb using covariate shift method for brain computer interface. , 2014, , .		1
130	Processing movement related cortical potentials in EEG signals for identification of slow and fast movements. , 2014, 2014, 4908-11.		2
131	Centre of mass avoidance planner using radius of gyration for Reciprocal Velocity Obstacles. , 2014, , .		0
132	Face and eye detection in images using skin color segmentation and circular hough transform. , 2014, , .		4
133	Modeling, control of a two-wheeled self-balancing robot. , 2014, , .		19
134	Detection of Movement Intentions through a Single Channel of Electroencephalography. Biosystems and Biorobotics, 2014, , 465-472.	0.2	6
135	Chiropractic Alters TMS Induced Motor Neuronal Excitability: Preliminary Findings. Biosystems and Biorobotics, 2014, , 35-37.	0.2	0
136	Chiropractic, Cortical Excitability and BCI. Biosystems and Biorobotics, 2014, , 121-125.	0.2	1
137	Improvement in solar panel efficiency using solar concentration by simple mirrors and by cooling. , 2014, , .		50
138	Use of Empirical Mode Decomposition for Classification of MRCP Based Task Parameters. Lecture Notes in Computer Science, 2014, , 77-84.	1.0	0
139	Detection of movement-related cortical potentials based on subject-independent training. Medical and Biological Engineering and Computing, 2013, 51, 507-512.	1.6	75
140	Detection and classification of movement-related cortical potentials associated with task force and speed. Journal of Neural Engineering, 2013, 10, 056015.	1.8	98
141	Human tracking by a mobile robot using 3D features. , 2013, , .		5
142	The potential of imagination and artificial afference in stroke rehabilitation. , 2012, , .		0
143	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
144	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

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145	Detection of movement intention from single-trial movement-related cortical potentials. Journal of Neural Engineering, 2011, 8, 066009.	1.8	208
146	Performance of a Simulated Adaptive BCI Based on Experimental Classification of Movement-Related and Error Potentials. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2011, 1, 480-488.	2.7	33
147	LivBioSig: Development of a toolbox for online bio-signals processing and experimentation. , 2011, 2011, 7302-5.		0
148	Accuracy of a BCI based on movement-related and error potentials. , 2011, 2011, 3688-91.		3
149	Self-paced vs. cue-based motor task: The difference in cortical activity. , 2011, , .		1