

Ali Maleki

List of Publications by Year in descending order

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35
papers

269
citations

1307594

7
h-index

996975

15
g-index

35
all docs

35
docs citations

35
times ranked

251
citing authors

#	ARTICLE	IF	CITATIONS
1	SSVEP-gated EMG-based decoding of elbow angle during goal-directed reaching movement. <i>Biomedical Signal Processing and Control</i> , 2022, 71, 103222.	5.7	7
2	A comprehensive benchmark dataset for SSVEP-based hybrid BCI. <i>Expert Systems With Applications</i> , 2022, 200, 117180.	7.6	3
3	Effect of ballistic and power training on performance adaptations of Ålite table tennis players. <i>Sport Sciences for Health</i> , 2021, 17, 181-190.	1.3	8
4	Determining accurate hand positions in three-dimensional space using twin-axis electrogoniometer sensors. <i>Measurement Science and Technology</i> , 2021, 32, 065106.	2.6	0
5	Effects of Power and Ballistic Training on Table Tennis Playersâ€™ Electromyography Changes. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7735.	2.6	2
6	Continuous mental stress level assessment using electrocardiogram and electromyogram signals. <i>Biomedical Signal Processing and Control</i> , 2021, 68, 102694.	5.7	8
7	Automated estimation of clinical parameters by recurrence quantification analysis of surface EMG for agonist/antagonist muscles in amputees. <i>Biomedical Signal Processing and Control</i> , 2021, 68, 102740.	5.7	2
8	Comparing the Effects of Eight Weeks of Whole Body Vibration Exercise Combined With Rope Skipping at Two Different Intensities on Physical Performance of Older Men: A Randomized Single-Blind Clinical Trial. <i>Salmand: Iranian Journal of Ageing</i> , 2021, 16, 376-395.	0.5	1
9	TTA, a new approach to estimate Hurst exponent with less estimation error and computational time. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 553, 124093.	2.6	14
10	The Effects of Upper Limb Motor Recovery on Submovement Characteristics among the Patients with Stroke: A Meta-Analysis. <i>PM and R</i> , 2020, 12, 589-601.	1.6	1
11	Muscle coordination analysis by time-varying muscle synergy extraction during cycling across various mechanical conditions. <i>Biocybernetics and Biomedical Engineering</i> , 2020, 40, 90-99.	5.9	9
12	Stress detection using ECG and EMG signals: A comprehensive study. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 193, 105482.	4.7	100
13	Elbow angle generation during activities of daily living using a submovement prediction model. <i>Biological Cybernetics</i> , 2020, 114, 389-402.	1.3	1
14	Character encoding based on occurrence probability enhances the performance of SSVEP-based BCI spellers. <i>Biomedical Signal Processing and Control</i> , 2020, 58, 101888.	5.7	6
15	Fuzzy ensemble system for SSVEP stimulation frequency detection using the MLR and MsetCCA. <i>Journal of Neuroscience Methods</i> , 2020, 338, 108686.	2.5	10
16	Accurate estimation of information transfer rate based on symbol occurrence probability in brain-computer interfaces. <i>Biomedical Signal Processing and Control</i> , 2019, 54, 101607.	5.7	18
17	Comparison of muscle synergies extracted from both legs during cycling at different mechanical conditions. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2019, 42, 827-838.	1.3	10
18	Adaptive canonical correlation analysis for harmonic stimulation frequencies recognition in SSVEP-based BCIs. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2019, 27, 3729-3740.	1.4	5

#	ARTICLE	IF	CITATIONS
19	Application of multiscale fuzzy entropy features for multilevel subject-dependent emotion recognition. Turkish Journal of Electrical Engineering and Computer Sciences, 2019, 27, 4070-4081.	1.4	7
20	Methodological Note: Recent Advances in Hybrid Brain-Computer Interface Systems: A Technological and Quantitative Review. Basic and Clinical Neuroscience, 2018, 9, 373-388.	0.6	18
21	The empirical mode decomposition-decision tree method to recognize the steady-state visual evoked potentials with wide frequency range. Journal of Medical Signals and Sensors, 2018, 8, 225.	1.0	5
22	A Modified Method of Submovement Decomposition Based on Velocity Profile and Endpoint Position. , 2017, , .		1
23	AN EFFICIENT HIERARCHICAL STRUCTURE FOR RECOGNITION OF THE REACHING MOVEMENTS IN 3D SPACE. Biomedical Engineering - Applications, Basis and Communications, 2016, 28, 1650030.	0.6	0
24	Salient regions detection using background superpixels. , 2016, , .		1
25	Classification of ADLs using muscle activation waveform versus thirteen EMG features. , 2015, , .		3
26	Virtual arm in Simulink environment for reaching movement simulation in the transverse plane. , 2015, , .		0
27	The extraction of time-varying muscle synergies during hand-reaching movement with a K-means assisted approach. , 2015, , .		2
28	Artificial neural network classifier in comparison with LDA and LS-SVM classifiers to recognize 52 hand postures and movements. , 2014, , .		9
29	Designing fuzzy controller for traffic lights to reduce the length of queues in according to minimize extension of green light time and reduce waiting time. , 2013, , .		7
30	Hybrid PID-like fuzzy logic speed drive of switched reluctance motor. , 2012, , .		2
31	A comparison of adaptive filter and artificial neural network results in removing electrocardiogram contamination from surface EMGs. , 2012, , .		3
32	A comparison of adaptive neuro-fuzzy inference system and real-time filtering in cancellation ECG artifact from surface EMGs. , 2012, , .		1
33	Genetic-PID control of elbow joint angle for functional electrical stimulation: A simulation study. , 2011, , .		1
34	Continuous control of blood glucose in T1DM using fuzzy logic controller in insulin pump: A simulation study. , 2011, , .		4
35	Feedforward-feedback P-PID control of elbow joint angle for functional electrical stimulation: A simulation study. , 2011, , .		0