

# Ali Maleki

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Stress detection using ECG and EMG signals: A comprehensive study. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 193, 105482.	4.7	100
2	Methodological Note: Recent Advances in Hybrid Brain-Computer Interface Systems: A Technological and Quantitative Review. <i>Basic and Clinical Neuroscience</i> , 2018, 9, 373-388.	0.6	18
3	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
4	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
5	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
6	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
7	Artificial neural network classifier in comparison with LDA and LS-SVM classifiers to recognize 52 hand postures and movements. , 2014, , .		9
8	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
9	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
10	Continuous mental stress level assessment using electrocardiogram and electromyogram signals. <i>Biomedical Signal Processing and Control</i> , 2021, 68, 102694.	5.7	8
11	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
12	Application of multiscale fuzzy entropy features for multilevel subject-dependent emotion recognition. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2019, 27, 4070-4081.	1.4	7
13	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
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	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
16	The empirical mode decomposition-decision tree method to recognize the steady-state visual evoked potentials with wide frequency range. <i>Journal of Medical Signals and Sensors</i> , 2018, 8, 225.	1.0	5
17	Continuous control of blood glucose in T1DM using fuzzy logic controller in insulin pump: A simulation study. , 2011, , .		4
18	A comparison of adaptive filter and artificial neural network results in removing electrocardiogram contamination from surface EMGs. , 2012, , .		3

#	ARTICLE	IF	CITATIONS
19	Classification of ADLs using muscle activation waveform versus thirteen EMG features. , 2015, , .		3
20	A comprehensive benchmark dataset for SSVEP-based hybrid BCI. Expert Systems With Applications, 2022, 200, 117180.	7.6	3
21	Hybrid PID-like fuzzy logic speed drive of switched reluctance motor. , 2012, , .		2
22	The extraction of time-varying muscle synergies during hand-reaching movement with a K-means assisted approach. , 2015, , .		2
23	Effects of Power and Ballistic Training on Table Tennis Playersâ€™ Electromyography Changes. International Journal of Environmental Research and Public Health, 2021, 18, 7735.	2.6	2
24	Automated estimation of clinical parameters by recurrence quantification analysis of surface EMG for agonist/antagonist muscles in amputees. Biomedical Signal Processing and Control, 2021, 68, 102740.	5.7	2
25	Genetic-PID control of elbow joint angle for functional electrical stimulation: A simulation study. , 2011, , .		1
26	A comparison of adaptive neuro-fuzzy inference system and real-time filtering in cancellation ECG artifact from surface EMGs. , 2012, , .		1
27	Salient regions detection using background superpixels. , 2016, , .		1
28	A Modified Method of Submovement Decomposition Based on Velocity Profile and Endpoint Position. , 2017, , .		1
29	The Effects of Upper Limb Motor Recovery on Submovement Characteristics among the Patients with Stroke: A Metaâ€™Analysis. PM and R, 2020, 12, 589-601.	1.6	1
30	Elbow angle generation during activities of daily living using a submovement prediction model. Biological Cybernetics, 2020, 114, 389-402.	1.3	1
31	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. Salmand: Iranian Journal of Ageing, 2021, 16, 376-395.	0.5	1
32	Feedforward-feedback P-PID control of elbow joint angle for functional electrical stimulation: A simulation study. , 2011, , .		0
33	Virtual arm in Simulink environment for reaching movement simulation in the transverse plane. , 2015, , .		0
34	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
35	Determining accurate hand positions in three-dimensional space using twin-axis electrogoniometer sensors. Measurement Science and Technology, 2021, 32, 065106.	2.6	0