

Yurong Li

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,214
citations

567281

15
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434195

31
g-index

42
all docs

42
docs citations

42
times ranked

1316
citing authors

#	ARTICLE	IF	CITATIONS
1	Research on Intention Recognition for EEG Signals Based on DSCNN and GRU. Lecture Notes in Electrical Engineering, 2022, , 604-612.	0.4	3
2	User-Independent EMG Gesture Recognition Method Based on Adaptive Learning. Frontiers in Neuroscience, 2022, 16, 847180.	2.8	3
3	Coupling Analysis of EEG and EMG Signals Based on Transfer Entropy after Consistent Empirical Fourier Decomposition. , 2022, , .		0
4	Nonlinear Identification and Time-Frequency Domain Analysis of Corticomuscular Responses During Card-Grabbing Using the NARMAX Method. , 2022, , .		1
5	Double Condyles Contact Force Estimation of Knee Joint Based on Hill-Type Model. , 2022, , .		0
6	Adaptive Stimulation Profiles Modulation for Foot Drop Correction Using Functional Electrical Stimulation: A Proof of Concept Study. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 59-68.	6.3	14
7	Transfer Learning-Based Muscle Activity Decoding Scheme by Low-frequency sEMG for Wearable Low-cost Application. IEEE Access, 2021, 9, 22804-22815.	4.2	13
8	Diagnosis of Patellofemoral Pain Syndrome Based on a Multi-Input Convolutional Neural Network With Data Augmentation. Frontiers in Public Health, 2021, 9, 643191.	2.7	3
9	Auxiliary Diagnostic Method for Patellofemoral Pain Syndrome Based on One-Dimensional Convolutional Neural Network. Frontiers in Public Health, 2021, 9, 615597.	2.7	3
10	Gaussian Process Autoregression for Joint Angle Prediction Based on sEMG Signals. Frontiers in Public Health, 2021, 9, 685596.	2.7	8
11	Quantized Control for Networked Switched Systems With a More General Switching Rule. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1909-1917.	9.3	21
12	EEG-based intention recognition with deep recurrent-convolution neural network: Performance and channel selection by Grad-CAM. Neurocomputing, 2020, 415, 225-233.	5.9	54
13	Joint Torque Closed-Loop Estimation Using NARX Neural Network Based on sEMG Signals. IEEE Access, 2020, 8, 213636-213646.	4.2	6
14	A closed-loop electrical stimulation system triggered by EOG for acupuncture therapy. Systems Science and Control Engineering, 2020, 8, 128-140.	3.1	0
15	Determining the Online Measurable Input Variables in Human Joint Moment Intelligent Prediction Based on the Hill Muscle Model. Sensors, 2020, 20, 1185.	3.8	12
16	\hat{z} filtering of networked switched systems with multiple packet dropouts via switched Lyapunov function approach. IET Control Theory and Applications, 2020, 14, 1220-1227.	2.1	5
17	Feature Selection of Input Variables for Diagnosis of Patellofemoral Pain Syndrome based on Random Forest and Multilayer Perceptron. , 2020, , .		2
18	An Improved Particle Filter With a Novel Hybrid Proposal Distribution for Quantitative Analysis of Gold Immunochromatographic Strips. IEEE Nanotechnology Magazine, 2019, 18, 819-829.	2.0	140

#	ARTICLE	IF	CITATIONS
19	Prediction of Knee Joint Moment by Surface Electromyography of the Antagonistic and Agonistic Muscle Pairs. IEEE Access, 2019, 7, 82320-82328.	4.2	8
20	Quantitative Analysis of Immunochromatographic Strip Based on Convolutional Neural Network. IEEE Access, 2019, 7, 16257-16263.	4.2	17
21	Neural network based modeling and control of elbow joint motion under functional electrical stimulation. Neurocomputing, 2019, 340, 171-179.	5.9	12
22	Intelligent Prediction of Human Lower Extremity Joint Moment: An Artificial Neural Network Approach. IEEE Access, 2019, 7, 29973-29980.	4.2	29
23	An Open Source Map Optimization Platform for Efficient Navigation. , 2019, , .		0
24	Entropy-Based Surface Electromyogram Feature Extraction for Knee Osteoarthritis Classification. IEEE Access, 2019, 7, 164144-164151.	4.2	12
25	Five Inputs Code Lock Circuit Design Based on DNA Strand Displacement Mechanism. Nano, 2019, 14, 1950147.	1.0	4
26	Feature Selection of Input Variables for Intelligence Joint Moment Prediction Based on Binary Particle Swarm Optimization. IEEE Access, 2019, 7, 182289-182295.	4.2	8
27	A Method for Suppressing Electrical Stimulation Artifacts from Electromyography. International Journal of Neural Systems, 2019, 29, 1850054.	5.2	18
28	The p53â€Mdm2 regulation relationship under different radiation doses based on the continuousâ€discrete extended Kalman filter algorithm. Neurocomputing, 2018, 273, 230-236.	5.9	4
29	Facial expression recognition via learning deep sparse autoencoders. Neurocomputing, 2018, 273, 643-649.	5.9	403
30	A novel method for geographical origin identification of <i>Tetrastigma hemsleyanum</i> (Sanyeqing) by near-infrared spectroscopy. Analytical Methods, 2018, 10, 2980-2988.	2.7	16
31	Image-Based Quantitative Analysis of Gold Immunochromatographic Strip via Cellular Neural Network Approach. IEEE Transactions on Medical Imaging, 2014, 33, 1129-1136.	8.9	138
32	A novel neural network approach to cDNA microarray image segmentation. Computer Methods and Programs in Biomedicine, 2013, 111, 189-198.	4.7	18
33	Time Series Modeling of Nano-Gold Immunochromatographic Assay via Expectation Maximization Algorithm. IEEE Transactions on Biomedical Engineering, 2013, 60, 3418-3424.	4.2	27
34	Design and Analysis of Genetic Regulatory Networks with Electronic Circuit Ideas. , 2012, , .		4
35	Identification of Nonlinear Lateral Flow Immunoassay State-Space Models via Particle Filter Approach. IEEE Nanotechnology Magazine, 2012, 11, 321-327.	2.0	33
36	A Hybrid EKF and Switching PSO Algorithm for Joint State and Parameter Estimation of Lateral Flow Immunoassay Models. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2012, 9, 321-329.	3.0	100

#	ARTICLE	IF	CITATIONS
37	Inference of Nonlinear State-Space Models for Sandwich-Type Lateral Flow Immunoassay Using Extended Kalman Filtering. IEEE Transactions on Biomedical Engineering, 2011, 58, 1959-1966.	4.2	46
38	Robust H_∞ feedback control for uncertain stochastic delayed genetic regulatory networks with additive and multiplicative noise. International Journal of Robust and Nonlinear Control, 2010, 20, 2093-2107.	3.7	25
39	Rapid quantitative image analysis of hCG by gold immunochromatographic assay and genetic fast FCM algorithm. , 2010, , .		4
40	A data analysis algorithm based on statistical filtration and linear discriminant analysis. , 2006, , .		0
41	A Survey on Modeling Mechanism and Control Strategy of Rehabilitation Robots: Recent Trends, Current Challenges, and Future Developments. International Journal of Control, Automation and Systems, 0, , .	2.7	0