Raja Majid Mehmood

List of Publications by Year
in descending order

32 papers	918 citations	758635 12 h-index	642321 23 g-index
32 all docs	32 docs citations	32 times ranked	917 citing authors

#	Article	IF	Citations
1	Optimal Feature Selection and Deep Learning Ensembles Method for Emotion Recognition From Human Brain EEG Sensors. IEEE Access, 2017, 5, 14797-14806.	2.6	149
2	Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation. Remote Sensing, 2020, 12, 1685.	1.8	142
3	A novel feature extraction method based on late positive potential for emotion recognition in human brain signal patterns. Computers and Electrical Engineering, 2016, 53, 444-457.	3.0	78
4	A Hybrid Deep CNN Model for Abnormal Arrhythmia Detection Based on Cardiac ECG Signal. Sensors, 2021, 21, 951.	2.1	75
5	Mobility Aware Blockchain Enabled Offloading and Scheduling in Vehicular Fog Cloud Computing. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4212-4223.	4.7	72
6	Emotion classification of EEG brain signal using SVM and KNN. , 2015, , .		56
7	Deep learninig of EEG signals for emotion recognition. , 2015, , .		49
8	EEG based Emotion Recognition from Human Brain using Hjorth Parameters and SVM. International Journal of Bio-Science and Bio-Technology, 2015, 7, 23-32.	0.2	43
9	A Low-Cost Information Monitoring System for Smart Farming Applications. Sensors, 2020, 20, 2367.	2.1	34
10	An Innovative Multi-Model Neural Network Approach for Feature Selection in Emotion Recognition Using Deep Feature Clustering. Sensors, 2020, 20, 3765.	2.1	28
11	Towards Building a Computer Aided Education System for Special Students Using Wearable Sensor Technologies. Sensors, 2017, 17, 317.	2.1	24
12	AI inspired EEG-based spatial feature selection method using multivariate empirical mode decomposition for emotion classification. Multimedia Systems, 2022, 28, 1275-1288.	3.0	22
13	Wavelet ELM-AE Based Data Augmentation and Deep Learning for Efficient Emotion Recognition Using EEG Recordings. IEEE Access, 2022, 10, 72171-72181.	2.6	15
14	A Pursuit of Sustainable Privacy Protection in Big Data Environment by an Optimized Clustered-Purpose Based Algorithm. Intelligent Automation and Soft Computing, 2020, 26, 1217-1231.	1.6	13
15	Children Emotion Regulation: Development of Neural Marker by Investigating Human Brain Signals. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	2.4	12
16	Semi-Skipping Layered Gated Unit and Efficient Network: Hybrid Deep Feature Selection Method for Edge Computing in EEG-Based Emotion Classification. IEEE Access, 2021, 9, 13378-13389.	2.6	12
17	Exploration of Prominent Frequency Wave in EEG Signals from Brain Sensors Network. International Journal of Distributed Sensor Networks, 2015, 11, 386057.	1.3	11
18	Development of Innovative Operational Flexibility Measurement Model for Smart Systems in Industry 4.0 Paradigm. IEEE Access, 2022, 10, 6760-6774.	2.6	11

#	Article	IF	Citations
19	A critical review on security approaches to software-defined wireless sensor networking. International Journal of Distributed Sensor Networks, 2019, 15, 155014771988990.	1.3	10
20	Parameter Estimation Using Unscented Kalman Filter on the Gray-Box Model for Dynamic EEG System Modeling. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 6175-6185.	2.4	10
21	Cost-based Energy Efficient Scheduling Technique for Dynamic Voltage and Frequency Scaling System in cloud computing. Sustainable Energy Technologies and Assessments, 2021, 45, 101210.	1.7	9
22	Designing Framework for the Interoperability of C4I Systems. , 2014, , .		8
23	Test Suit Generation for Object Oriented Programs: A Hybrid Firefly and Differential Evolution Approach. IEEE Access, 2020, 8, 179167-179188.	2.6	8
24	Visualizing multidimensional query results using animation. , 2008, , .		5
25	Drug investigation tool: Identifying the effect of drug on cell image by using improved correlation. Software - Practice and Experience, 2021, 51, 260-270.	2.5	5
26	DFT-Net: Deep Feature Transformation Based Network for Object Categorization and Part Segmentation in 3-Dimensional Point Clouds. Sensors, 2022, 22, 2512.	2.1	5
27	Emotion recognition from EEG brain signals based on particle swarm optimization and genetic search. , 2016, , .		4
28	Toward an analysis of emotion regulation in children using late positive potential. , 2016, 2016, 279-282.		4
29	Aiding Prosumers by Solar Cell Parameter Optimization Using a Hybrid Technique for Achieving Near Realistic P-V Characteristics. IEEE Access, 2020, 8, 225416-225423.	2.6	4
30	INSWF DNA signal analysis tool: Intelligent noise suppression window filter. Software - Practice and Experience, 2021, 51, 670-685.	2.5	0
31	A Machine Learning Based Algorithm to Process Partial Shading Effects in PV Arrays. Computers, Materials and Continua, 2021, 68, 29-43.	1.5	0
32	Predictive human emotion recognition system using deep functional affective state modeling. , 2019, , .		0