Wadood Abdul

List of Publications by Year
in descending order

72 papers	1,987 citations	279701 23 h-index	265120 42 g-index
75 all docs	75 docs citations	75 times ranked	1689 citing authors

#	Article	IF	Citations
1	Deep learning techniques for classification of electroencephalogram (EEG) motor imagery (MI) signals: a review. Neural Computing and Applications, 2023, 35, 14681-14722.	3.2	123
2	Attention-Inception and Long- Short-Term Memory-Based Electroencephalography Classification for Motor Imagery Tasks in Rehabilitation. IEEE Transactions on Industrial Informatics, 2022, 18, 5412-5421.	7.2	36
3	Multi-sensor human activity recognition using CNN and GRU. International Journal of Multimedia Information Retrieval, 2022, 11, 135-147.	3.6	12
4	Security of medical images over insecure communication channels using zero-steganography. International Journal of Distributed Sensor Networks, 2022, 18, 155014772110063.	1.3	2
5	Context-Aware Pending Interest Table Management Scheme for NDN-Based VANETs. Sensors, 2022, 22, 4189.	2.1	5
6	Spatial Attention-Based 3D Graph Convolutional Neural Network for Sign Language Recognition. Sensors, 2022, 22, 4558.	2.1	11
7	Metaheuristic Algorithms in Optimizing Deep Neural Network Model for Software Effort Estimation. IEEE Access, 2021, 9, 60309-60327.	2.6	28
8	An Incremental Approach to Corpus Design and Construction: Application to a Large Contemporary Saudi Corpus. IEEE Access, 2021, 9, 88405-88428.	2.6	6
9	Hybrid Multimodal Biometric Template Protection. Intelligent Automation and Soft Computing, 2021, 27, 35-51.	1.6	6
10	Sensor-Based Human Activity Recognition with Spatio-Temporal Deep Learning. Sensors, 2021, 21, 2141.	2.1	79
11	Attention based Inception model for robust EEG motor imagery classification. , 2021, , .		16
12	Electroencephalography-based motor imagery classification using temporal convolutional network fusion. Biomedical Signal Processing and Control, 2021, 69, 102826.	3.5	73
13	Cancelable Multimodal Biometrics Based on Chaotic Maps. Applied Sciences (Switzerland), 2021, 11, 8573.	1.3	3
14	Intelligent real-time Arabic sign language classification using attention-based inception and BiLSTM. Computers and Electrical Engineering, 2021, 95, 107395.	3.0	21
15	Secure Image Authentication Using Watermarking and Blockchain. Intelligent Automation and Soft Computing, 2021, 28, 577-591.	1.6	6
16	Combining Watermarking and Hyper-Chaotic Map to Enhance the Security of Stored Biometric Templates. Computer Journal, 2020, 63, 479-493.	1.5	10
17	Hand Gesture Recognition Using 3D-CNN Model. IEEE Consumer Electronics Magazine, 2020, 9, 95-101.	2.3	28
18	Fragile watermarking for image authentication using BRINT and ELM. Multimedia Tools and Applications, 2020, 79, 29199-29223.	2.6	7

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19	Deep Learning-Based Approach for Sign Language Gesture Recognition With Efficient Hand Gesture Representation. IEEE Access, 2020, 8, 192527-192542.	2.6	91
20	NFV Provisioning in Large-Scale Distributed Networks With Minimum Delay. IEEE Access, 2020, 8, 151753-151763.	2.6	6
21	Hand Gesture Recognition for Sign Language Using 3DCNN. IEEE Access, 2020, 8, 79491-79509.	2.6	90
22	Multi-CNN Feature Fusion for Efficient EEG Classification. , 2020, , .		18
23	An Automatic Lung Cancer Detection and Classification (ALCDC) System Using Convolutional Neural Network. , 2020, , .		12
24	Inter â€" intra observer variability using deep learning and traditional image processing for breast cancer. , 2020, , .		0
25	DTCWT-DCT watermarking method for multimodal biometric authentication. , 2019, , .		6
26	Region Based Segmentation Techniques for Digital Images. Journal of Computational and Theoretical Nanoscience, 2019, 16, 3792-3801.	0.4	0
27	A Systematic Review on Test Suite Reduction: Approaches, Experimentâ€™s Quality Evaluation, and Guidelines. IEEE Access, 2018, 6, 11816-11841.	2.6	33
28	Taxonomy of Factors Causing Integration Failure during Global Software Development. IEEE Access, 2018, 6, 22228-22239.	2.6	22
29	Trust and Reputation Management in Healthcare Systems: Taxonomy, Requirements and Open Issues. IEEE Access, 2018, 6, 17246-17263.	2.6	30
30	A Fully RNS based ECC Processor. The Integration VLSI Journal, 2018, 61, 138-149.	1.3	14
31	Cloud-assisted secure video transmission and sharing framework for smart cities. Future Generation Computer Systems, 2018, 83, 596-606.	4.9	111
32	Cloud-oriented emotion feedback-based Exergames framework. Multimedia Tools and Applications, 2018, 77, 21861-21877.	2.6	3
33	Anonymity-preserving Reputation Management System for health sector. PLoS ONE, 2018, 13, e0195021.	1.1	3
34	Towards Efficient Energy Management and Power Trading in a Residential Area via Integrating a Grid-Connected Microgrid. Sustainability, 2018, 10, 1245.	1.6	57
35	Efficient Power Scheduling in Smart Homes Using Hybrid Grey Wolf Differential Evolution Optimization Technique with Real Time and Critical Peak Pricing Schemes. Energies, 2018, 11, 384.	1.6	54
36	A Domestic Microgrid with Optimized Home Energy Management System. Energies, 2018, 11, 1002.	1.6	37

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37	Balanced Load Distribution With Energy Hole Avoidance in Underwater WSNs. IEEE Access, 2017, 5, 15206-15221.	2.6	41
38	Biometric Security Through Visual Encryption for Fog Edge Computing. IEEE Access, 2017, 5, 5531-5538.	2.6	45
39	Enhanced <italic>Architecture</italic> for <italic>Privacy Preserving</italic> Data Integration in a Medical Research Environment. IEEE Access, 2017, 5, 13308-13326.	2.6	11
40	Monitoring square and circular fields with sensors using energy-efficient cluster-based routing for underwater wireless sensor networks. International Journal of Distributed Sensor Networks, 2017, 13, 155014771771718.	1.3	26
41	An improved LSBMR steganography based on message interleaving approach. , 2017, , .		0
42	Cooperative Position Aware Mobility Pattern of AUVs for Avoiding Void Zones in Underwater WSNs. Sensors, 2017, 17, 580.	2.1	10
43	Cooperative Opportunistic Pressure Based Routing for Underwater Wireless Sensor Networks. Sensors, 2017, 17, 629.	2.1	21
44	An Optimized Home Energy Management System with Integrated Renewable Energy and Storage Resources. Energies, 2017, 10, 549.	1.6	196
45	A Hybrid Genetic Wind Driven Heuristic Optimization Algorithm for Demand Side Management in Smart Grid. Energies, 2017, 10, 319.	1.6	137
46	Demand Side Management in Nearly Zero Energy Buildings Using Heuristic Optimizations. Energies, 2017, 10, 1131.	1.6	48
47	An Intelligent Hybrid Heuristic Scheme for Smart Metering based Demand Side Management in Smart Homes. Energies, 2017, 10, 1258.	1.6	60
48	Towards Cost and Comfort Based Hybrid Optimization for Residential Load Scheduling in a Smart Grid. Energies, 2017, 10, 1546.	1.6	58
49	A Localization Based Cooperative Routing Protocol for Underwater Wireless Sensor Networks. Mobile Information Systems, 2017, 2017, 1-16.	0.4	14
50	Balanced Transmissions Based Trajectories of Mobile Sink in Homogeneous Wireless Sensor Networks. Journal of Sensors, 2017, 2017, 1-16.	0.6	9
51	Orchestrating an Effective Formulation to Investigate the Impact of EMSs (Energy Management) Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	5
52	Security and Privacy for Medical Images Using Chaotic Visual Cryptography. Journal of Medical Imaging and Health Informatics, 2017, 7, 1296-1301.	0.2	8
53	Fingerprint and Iris Template Protection for Health Information System Access and Security. Journal of Medical Imaging and Health Informatics, 2017, 7, 1302-1308.	0.2	3
54	Automatic Gender Detection Based on Characteristics of Vocal Folds for Mobile Healthcare System. Mobile Information Systems, 2016, 2016, 1-12.	0.4	22

#	ARTICLE	IF	CITATIONS
55	From Mobile to Wearable System: A Wearable RFID System to Enhance Teaching and Learning Conditions. Mobile Information Systems, 2016, 2016, 1-10.	0.4	4
56	Trace Attack against Biometric Mobile Applications. Mobile Information Systems, 2016, 2016, 1-15.	0.4	9
57	An Improved Forwarding of Diverse Events with Mobile Sinks in Underwater Wireless Sensor Networks. Sensors, 2016, 16, 1850.	2.1	3
58	An Intelligent System to Classify Epileptic and Non-Epileptic EEG Signals. , 2016, , .		3
59	Watermarking for protected fingerprint authentication. , 2016, , .		2
60	Toward end-to-end biomet rics-based security for IoT infrastructure. IEEE Wireless Communications, 2016, 23, 44-51.	6.6	76
61	Steerable pyramid transform and local binary pattern based robust face recognition for e-health secured login. Computers and Electrical Engineering, 2016, 53, 435-443.	3.0	10
62	Hybrid Multi-Biometric Template Protection Using Watermarking. Computer Journal, 2016, 59, 1392-1407.	1.5	44
63	Securing Biometric Authentication Through Multimodal Watermarking. , 2015, , .		0
64	Application of new alteration attack on biometric authentication systems. , 2015, , .		3
65	Chaos based Zero-steganography algorithm. Multimedia Tools and Applications, 2014, 72, 1073-1092.	2.6	25
66	Error correcting codes for robust color wavelet watermarking. Eurasip Journal on Information Security, 2013, 2013, .	2.2	13
67	Zero-steganography using DCT and spatial domain. , 2013, , .		6
68	Private chaotic biometric template protection algorithm. , 2013, , .		7
69	Power efficient scalable hybrid processor architecture. , 2012, , .		0
70	Private anonymous fingerprinting for color images in the wavelet domain. , 2010, , .		1
71	Human visual system-based color image steganography using the contourlet transform. Proceedings of SPIE, 2010, , .	0.8	2
72	List decoding of Reed Solomon codes for wavelet based colour image watermarking scheme. , 2009, , .		3