Khursheed Aurangzeb

List of Publications by Year
in descending order

52 papers	1,773 citations	279701 23 h-index	289141 40 g-index
53 all docs	53 docs citations	53 times ranked	1538 citing authors

#	Article	IF	Citations
1	Energy forecasting using multiheaded convolutional neural networks in efficient renewable energy resources equipped with energy storage system. Transactions on Emerging Telecommunications Technologies, 2022, 33, e3837.	2.6	19
2	A decision support system for multimodal brain tumor classification using deep learning. Complex & Intelligent Systems, 2022, 8, 3007-3020.	4.0	86
3	Multiscale modeling in smart cities: A survey on applications, current trends, and challenges. Sustainable Cities and Society, 2022, 78, 103517.	5.1	35
4	Anchor Nodes Assisted Cluster-Based Routing Protocol for Reliable Data Transfer in Underwater Wireless Sensor Networks. IEEE Access, 2021, 9, 36730-36747.	2.6	32
5	Contrast Enhancement of Fundus Images by Employing Modified PSO for Improving the Performance of Deep Learning Models. IEEE Access, 2021, 9, 47930-47945.	2.6	34
6	A Fair Pricing Mechanism in Smart Grids for Low Energy Consumption Users. IEEE Access, 2021, 9, 22035-22044.	2.6	32
7	Aspect Based Multi-Labeling Using SVM Based Ensembler. IEEE Access, 2021, 9, 26026-26040.	2.6	14
8	A novel framework for approximating resistance–temperature characteristics of a superconducting film based on artificial neural networks. Results in Physics, 2021, 24, 104088.	2.0	3
9	Gastric Tract Disease Recognition Using Optimized Deep Learning Features. Computers, Materials and Continua, 2021, 68, 2041-2056.	1.5	6
10	A Pyramid-CNN Based Deep Learning Model for Power Load Forecasting of Similar-Profile Energy Customers Based on Clustering. IEEE Access, 2021, 9, 14992-15003.	2.6	34
11	Electricity Load and Price Forecasting Using Jaya-Long Short Term Memory (JLSTM) in Smart Grids. Entropy, 2020, 22, 10.	1.1	55
12	Deep learning framework for short term power load forecasting, a case study of individual household energy customer. , 2020, , .		8
13	Hybrid CNN-LSTM Model for Short-Term Individual Household Load Forecasting. IEEE Access, 2020, 8, 180544-180557.	2.6	214
14	Residual Connection-Based Encoder Decoder Network (RCED-Net) for Retinal Vessel Segmentation. IEEE Access, 2020, 8, 131257-131272.	2.6	49
15	Towards Energy Efficiency and Power Trading Exploiting Renewable Energy in Cloud Data Centers. , 2020, , .		8
16	An Unsupervised Retinal Vessel Segmentation Using Hessian and Intensity Based Approach. IEEE Access, 2020, 8, 165056-165070.	2.6	33
17	Fast and Accurate Hybrid Electric Load Forecasting with Novel Feature Engineering and Optimization Framework in Smart Grid. , 2020, , .		5
18	Advanced Machine Learning Algorithm Based System for Crops Leaf Diseases Recognition. , 2020, , .		29

#	Article	IF	Citations
19	Correction to "An Optimized Method for Segmentation and Classification of Apple Diseases Based on Strong Correlation and Genetic Algorithm Based Feature Selection". IEEE Access, 2020, 8, 36514-36514.	2.6	1
20	Energy-Aware Scalable Reliable and Void-Hole Mitigation Routing for Sparsely Deployed Underwater Acoustic Networks. Applied Sciences (Switzerland), 2020, 10, 177.	1.3	14
21	Electricity Theft Detection using CNN-GRU and Manta Ray Foraging Optimization Algorithm. , 2020, , .		12
22	An Efficient Credit Card Fraud Detection System using Deep-learning based Approaches. , 2020, , .		3
23	Towards Electricity Cost Alleviation by Integrating RERs in a Smart Community: A Case Study. , 2019, , .		8
24	BTRS: Buffer-Threshold Based Relay Selection Scheme for Cooperative Wireless Networks. IEEE Access, 2019, 7, 23089-23099.	2.6	6
25	Automatic Scene Recognition through Acoustic Classification for Behavioral Robotics. Electronics (Switzerland), 2019, 8, 483.	1.8	35
26	Game Theoretical Energy Management with Storage Capacity Optimization and Photo-Voltaic Cell Generated Power Forecasting in Micro Grid. Sustainability, 2019, 11, 2763.	1.6	34
27	An Efficient CMOS Dual Switch Rectifier for Piezoelectric Energy-Harvesting Circuits. Electronics (Switzerland), 2019, 8, 66.	1.8	8
28	Short Term Power Load Forecasting using Machine Learning Models for energy management in a smart community. , 2019, , .		15
29	Microgrid-Level Energy Management Approach Based on Short-Term Forecasting of Wind Speed and Solar Irradiance. Energies, 2019, 12, 1487.	1.6	29
30	Joint Placement and Device Association of UAV Base Stations in IoT Networks. Sensors, 2019, 19, 2157.	2.1	24
31	Short-Term Electric Load and Price Forecasting Using Enhanced Extreme Learning Machine Optimization in Smart Grids. Energies, 2019, 12, 866.	1.6	57
32	Towards Void Hole Alleviation by Exploiting the Energy Efficient Path and by Providing the Interference-Free Proactive Routing Protocols in IoT Enabled Underwater WSNs. Sensors, 2019, 19, 1313.	2.1	13
33	Towards Designing Asynchronous Microprocessors: From Specification to Tape-Out. IEEE Access, 2019, 7, 33978-34003.	2.6	11
34	CoSiM-RPO: Cooperative Routing with Sink Mobility for Reliable and Persistent Operation in Underwater Acoustic Wireless Sensor Networks. Sensors, 2019, 19, 1101.	2.1	11
35	An Optimized Method for Segmentation and Classification of Apple Diseases Based on Strong Correlation and Genetic Algorithm Based Feature Selection. IEEE Access, 2019, 7, 46261-46277.	2.6	128
36	Human Behavior Analysis Based on Multi-Types Features Fusion and Von Nauman Entropy Based Features Reduction. Journal of Medical Imaging and Health Informatics, 2019, 9, 662-669.	0.2	35

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37	Vehicle License Plate Detection and Perspective Rectification. Elektronika Ir Elektrotechnika, 2019, 25, 47-56.	0.4	4
38	Energy Efficient Smart Buildings Using Coordination Among Appliances Generating Large Data. IEEE Access, 2018, 6, 34670-34690.	2.6	44
39	Towards Dynamic Coordination Among Home Appliances Using Multi-Objective Energy Optimization for Demand Side Management in Smart Buildings. IEEE Access, 2018, 6, 19509-19529.	2.6	151
40	Data Reduction Using Change Coding for Remote Applications of Wireless Visual Sensor Networks. IEEE Access, 2018, 6, 37738-37747.	2.6	2
41	Analysis of Binary Image Coding Methods for Outdoor Applications of Wireless Vision Sensor Networks. IEEE Access, 2018, 6, 16932-16941.	2.6	3
42	An Efficient Energy Management Approach Using Fog-as-a-Service for Sharing Economy in a Smart Grid. Energies, 2018, 11, 3500.	1.6	34
43	Towards Effective and Efficient Energy Management of Single Home and a Smart Community Exploiting Heuristic Optimization Algorithms with Critical Peak and Real-Time Pricing Tariffs in Smart Grids. Energies, 2018, 11, 3125.	1.6	38
44	An implementation of normal distribution based segmentation and entropy controlled features selection for skin lesion detection and classification. BMC Cancer, 2018, 18, 638.	1.1	92
45	An Efficient Demand Side Management System with a New Optimized Home Energy Management Controller in Smart Grid. Energies, 2018, 11, 190.	1.6	122
46	Exploiting Game Theoretic Based Coordination Among Appliances in Smart Homes for Efficient Energy Utilization. Energies, 2018, 11, 1426.	1.6	9
47	Retransmission Avoidance for Reliable Data Delivery in Underwater WSNs. Sensors, 2018, 18, 149.	2.1	15
48	Towards Efficient Energy Management of Smart Buildings Exploiting Heuristic Optimization with Real Time and Critical Peak Pricing Schemes. Energies, 2017, 10, 2065.	1.6	105
49	Impact of Complexity and Compression Ratio of Compression Method on Lifetime of Vision Sensor Node. Elektronika Ir Elektrotechnika, 2017, 23, .	0.4	3
50	Complexity Analysis of Vision Functions for Comparison of Wireless Smart Cameras. International Journal of Distributed Sensor Networks, 2014, 10, 710685.	1.3	5
51	Efficient Data Reduction Techniques for Remote Applications of a Wireless Visual Sensor Network. International Journal of Advanced Robotic Systems, 2013, 10, 240.	1.3	2
52	Modeling and Verification of a Heterogeneous Sky Surveillance Visual Sensor Network. International Journal of Distributed Sensor Networks, 2013, 9, 490489.	1.3	2