

Khursheed Aurangzeb

List of Publications by Year in descending order

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Version: 2024-02-01

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	Hybrid CNN-LSTM Model for Short-Term Individual Household Load Forecasting. IEEE Access, 2020, 8, 180544-180557.	2.6	214
2	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
3	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
4	An Efficient Demand Side Management System with a New Optimized Home Energy Management Controller in Smart Grid. Energies, 2018, 11, 190.	1.6	122
5	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
6	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
7	A decision support system for multimodal brain tumor classification using deep learning. Complex & Intelligent Systems, 2022, 8, 3007-3020.	4.0	86
8	Short-Term Electric Load and Price Forecasting Using Enhanced Extreme Learning Machine Optimization in Smart Grids. Energies, 2019, 12, 866.	1.6	57
9	Electricity Load and Price Forecasting Using Jaya-Long Short Term Memory (JLSTM) in Smart Grids. Entropy, 2020, 22, 10.	1.1	55
10	Residual Connection-Based Encoder Decoder Network (RCED-Net) for Retinal Vessel Segmentation. IEEE Access, 2020, 8, 131257-131272.	2.6	49
11	Energy Efficient Smart Buildings Using Coordination Among Appliances Generating Large Data. IEEE Access, 2018, 6, 34670-34690.	2.6	44
12	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
13	Automatic Scene Recognition through Acoustic Classification for Behavioral Robotics. Electronics (Switzerland), 2019, 8, 483.	1.8	35
14	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
15	Multiscale modeling in smart cities: A survey on applications, current trends, and challenges. Sustainable Cities and Society, 2022, 78, 103517.	5.1	35
16	An Efficient Energy Management Approach Using Fog-as-a-Service for Sharing Economy in a Smart Grid. Energies, 2018, 11, 3500.	1.6	34
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	An Unsupervised Retinal Vessel Segmentation Using Hessian and Intensity Based Approach. IEEE Access, 2020, 8, 165056-165070.	2.6	33
21	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
22	A Fair Pricing Mechanism in Smart Grids for Low Energy Consumption Users. IEEE Access, 2021, 9, 22035-22044.	2.6	32
23	Microgrid-Level Energy Management Approach Based on Short-Term Forecasting of Wind Speed and Solar Irradiance. Energies, 2019, 12, 1487.	1.6	29
24	Advanced Machine Learning Algorithm Based System for Crops Leaf Diseases Recognition. , 2020, , .		29
25	Joint Placement and Device Association of UAV Base Stations in IoT Networks. Sensors, 2019, 19, 2157.	2.1	24
26	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
27	Retransmission Avoidance for Reliable Data Delivery in Underwater WSNs. Sensors, 2018, 18, 149.	2.1	15
28	Short Term Power Load Forecasting using Machine Learning Models for energy management in a smart community. , 2019, , .		15
29	Energy-Aware Scalable Reliable and Void-Hole Mitigation Routing for Sparsely Deployed Underwater Acoustic Networks. Applied Sciences (Switzerland), 2020, 10, 177.	1.3	14
30	Aspect Based Multi-Labeling Using SVM Based Ensembler. IEEE Access, 2021, 9, 26026-26040.	2.6	14
31	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
32	Electricity Theft Detection using CNN-GRU and Manta Ray Foraging Optimization Algorithm. , 2020, , .		12
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	Exploiting Game Theoretic Based Coordination Among Appliances in Smart Homes for Efficient Energy Utilization. Energies, 2018, 11, 1426.	1.6	9
36	Towards Electricity Cost Alleviation by Integrating RERs in a Smart Community: A Case Study. , 2019, , .		8

#	ARTICLE	IF	CITATIONS
37	An Efficient CMOS Dual Switch Rectifier for Piezoelectric Energy-Harvesting Circuits. Electronics (Switzerland), 2019, 8, 66.	1.8	8
38	Deep learning framework for short term power load forecasting, a case study of individual household energy customer. , 2020, , .		8
39	Towards Energy Efficiency and Power Trading Exploiting Renewable Energy in Cloud Data Centers. , 2020, , .		8
40	BTRS: Buffer-Threshold Based Relay Selection Scheme for Cooperative Wireless Networks. IEEE Access, 2019, 7, 23089-23099.	2.6	6
41	Gastric Tract Disease Recognition Using Optimized Deep Learning Features. Computers, Materials and Continua, 2021, 68, 2041-2056.	1.5	6
42	Complexity Analysis of Vision Functions for Comparison of Wireless Smart Cameras. International Journal of Distributed Sensor Networks, 2014, 10, 710685.	1.3	5
43	Fast and Accurate Hybrid Electric Load Forecasting with Novel Feature Engineering and Optimization Framework in Smart Grid. , 2020, , .		5
44	Vehicle License Plate Detection and Perspective Rectification. Elektronika Ir Elektrotechnika, 2019, 25, 47-56.	0.4	4
45	Analysis of Binary Image Coding Methods for Outdoor Applications of Wireless Vision Sensor Networks. IEEE Access, 2018, 6, 16932-16941.	2.6	3
46	A novel framework for approximating resistanceâ€™temperature characteristics of a superconducting film based on artificial neural networks. Results in Physics, 2021, 24, 104088.	2.0	3
47	Impact of Complexity and Compression Ratio of Compression Method on Lifetime of Vision Sensor Node. Elektronika Ir Elektrotechnika, 2017, 23, .	0.4	3
48	An Efficient Credit Card Fraud Detection System using Deep-learning based Approaches. , 2020, , .		3
49	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
50	Data Reduction Using Change Coding for Remote Applications of Wireless Visual Sensor Networks. IEEE Access, 2018, 6, 37738-37747.	2.6	2
51	Modeling and Verification of a Heterogeneous Sky Surveillance Visual Sensor Network. International Journal of Distributed Sensor Networks, 2013, 9, 490489.	1.3	2
52	Correction to â€™An Optimized Method for Segmentation and Classification of Apple Diseases Based on Strong Correlation and Genetic Algorithm Based Feature Selectionâ€™. IEEE Access, 2020, 8, 36514-36514.	2.6	1