

Abdollah

List of Publications by Year in descending order

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56
papers

2,527
citations

201575

27
h-index

197736

49
g-index

57
all docs

57
docs citations

57
times ranked

1819
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Distribution Feeder Reconfiguration for Reliability Improvement Considering Uncertainty. IEEE Transactions on Power Delivery, 2014, 29, 1344-1353.	2.9	195
2	A New Fuzzy-Based Combined Prediction Interval for Wind Power Forecasting. IEEE Transactions on Power Systems, 2016, 31, 18-26.	4.6	171
3	Stochastic Reconfiguration and Optimal Coordination of V2G Plug-in Electric Vehicles Considering Correlated Wind Power Generation. IEEE Transactions on Sustainable Energy, 2015, 6, 822-830.	5.9	152
4	Blockchain-Based Securing of Data Exchange in a Power Transmission System Considering Congestion Management and Social Welfare. Sustainability, 2021, 13, 90.	1.6	149
5	Optimal Routing and Charging of an Electric Vehicle Fleet for High-Efficiency Dynamic Transit Systems. IEEE Transactions on Smart Grid, 2018, 9, 3563-3572.	6.2	141
6	Expected Cost Minimization of Smart Grids With Plug-In Hybrid Electric Vehicles Using Optimal Distribution Feeder Reconfiguration. IEEE Transactions on Industrial Informatics, 2015, 11, 388-397.	7.2	137
7	Effective Scheduling of Reconfigurable Microgrids With Dynamic Thermal Line Rating. IEEE Transactions on Industrial Electronics, 2019, 66, 1552-1564.	5.2	134
8	Cybersecurity Enhancement of Power Trading Within the Networked Microgrids Based on Blockchain and Directed Acyclic Graph Approach. IEEE Transactions on Industry Applications, 2019, 55, 7300-7309.	3.3	111
9	Efficient integration of plug-in electric vehicles via reconfigurable microgrids. Energy, 2016, 111, 653-663.	4.5	106
10	Reinforcement Learning-Based Load Forecasting of Electric Vehicle Charging Station Using Q-Learning Technique. IEEE Transactions on Industrial Informatics, 2021, 17, 4229-4237.	7.2	103
11	Automated Deep CNN-LSTM Architecture Design for Solar Irradiance Forecasting. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 54-65.	5.9	76
12	Reliability-Oriented Reconfiguration of Vehicle-to-Grid Networks. IEEE Transactions on Industrial Informatics, 2015, 11, 682-691.	7.2	73
13	Effective Dynamic Scheduling of Reconfigurable Microgrids. IEEE Transactions on Power Systems, 2018, 33, 5519-5530.	4.6	73
14	A Machine-Learning-Based Cyber Attack Detection Model for Wireless Sensor Networks in Microgrids. IEEE Transactions on Industrial Informatics, 2021, 17, 650-658.	7.2	68
15	Cyber-Attack Detection and Cyber-Security Enhancement in Smart DC-Microgrid Based on Blockchain Technology and Hilbert Huang Transform. IEEE Access, 2021, 9, 29429-29440.	2.6	67
16	A Novel Distributed Cloud-Fog Based Framework for Energy Management of Networked Microgrids. IEEE Transactions on Power Systems, 2020, 35, 2847-2862.	4.6	61
17	Stochastic Modeling and Integration of Plug-In Hybrid Electric Vehicles in Reconfigurable Microgrids With Deep Learning-Based Forecasting. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4394-4403.	4.7	51
18	DoS-Resilient Distributed Optimal Scheduling in a Fog Supporting IIoT-Based Smart Microgrid. IEEE Transactions on Industry Applications, 2020, 56, 2968-2977.	3.3	48

#	ARTICLE	IF	CITATIONS
19	Adaptive robust optimization for the energy management of the grid-connected energy hubs based on hybrid meta-heuristic algorithm. <i>Energy</i> , 2021, 235, 121171.	4.5	47
20	Deep learning based method for false data injection attack detection in AC smart islands. <i>IET Generation, Transmission and Distribution</i> , 2020, 14, 5756-5765.	1.4	47
21	An Intelligent Data-Driven Model to Secure Intravehicle Communications Based on Machine Learning. <i>IEEE Transactions on Industrial Electronics</i> , 2020, 67, 5112-5119.	5.2	43
22	Effective Management of Energy Internet in Renewable Hybrid Microgrids: A Secured Data Driven Resilient Architecture. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 1896-1904.	7.2	43
23	A Novel Two-Stage Multi-Layer Constrained Spectral Clustering Strategy for Intentional Islanding of Power Grids. <i>IEEE Transactions on Power Delivery</i> , 2020, 35, 560-570.	2.9	36
24	Blockchain-Based Stochastic Energy Management of Interconnected Microgrids Considering Incentive Price. <i>IEEE Transactions on Control of Network Systems</i> , 2021, 8, 1201-1211.	2.4	32
25	Intelligent stochastic framework to solve the reconfiguration problem from the reliability view. <i>IET Science, Measurement and Technology</i> , 2014, 8, 245-259.	0.9	30
26	Short term load forecasting of distribution systems by a new hybrid modified FA-backpropagation method. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014, 26, 517-522.	0.8	28
27	Multi-objective probabilistic reconfiguration considering uncertainty and multi-level load model. <i>IET Science, Measurement and Technology</i> , 2015, 9, 44-55.	0.9	28
28	On the assessment of the impact of a price-maker energy storage unit on the operation of power system: The ISO point of view. <i>Energy</i> , 2020, 190, 116224.	4.5	22
29	Economic Assessment of Distributed Generation Technologies: A Feasibility Study and Comparison with the Literature. <i>Energies</i> , 2020, 13, 2764.	1.6	22
30	A New Efficient Stochastic Energy Management Technique for Interconnected AC Microgrids. , 2018, , .		19
31	An Evolutionary Deep Learning-Based Anomaly Detection Model for Securing Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 4478-4486.	4.7	19
32	A robust voltage and current controller of parallel inverters in smart island: A novel approach. <i>Energy</i> , 2021, 214, 118879.	4.5	18
33	A novel energy management framework incorporating multi-carrier energy hub for smart city. <i>IET Generation, Transmission and Distribution</i> , 2023, 17, 655-666.	1.4	17
34	Real-time monitoring and operation of microgrid using distributed cloud-fog architecture. <i>Journal of Parallel and Distributed Computing</i> , 2020, 146, 15-24.	2.7	13
35	Synergies Between Transportation Systems, Energy Hub and the Grid in Smart Cities. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 7371-7385.	4.7	12
36	Resilient microgrid system design for disaster impact mitigation. <i>Sustainable and Resilient Infrastructure</i> , 2021, 6, 56-72.	1.7	11

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37	Ultra-Lightweight Mutual Authentication in the Vehicle Based on Smart Contract Blockchain: Case of MITM Attack. IEEE Sensors Journal, 2021, 21, 15839-15848.	2.4	11
38	Uncertainty-Aware Management of Smart Grids Using Cloud-Based LSTM-Prediction Interval. IEEE Transactions on Cybernetics, 2022, 52, 9964-9977.	6.2	11
39	Stochastic Electricity Social Welfare Enhancement Based on Consensus Neighbor Virtualization. IEEE Transactions on Industrial Electronics, 2019, 66, 9571-9580.	5.2	10
40	A Secure Distributed Cloud-Fog Based Framework for Economic Operation of Microgrids. , 2019, , .		9
41	A novel multi-objective self-adaptive modified firefly algorithm for optimal operation management of stochastic DFR strategy. International Transactions on Electrical Energy Systems, 2015, 25, 976-993.	1.2	8
42	A Predictive KH-Based Model to Enhance the Performance of Industrial Electric Arc Furnaces. IEEE Transactions on Industrial Electronics, 2019, 66, 7976-7985.	5.2	8
43	Optimal Singular Value Decomposition Based Big Data Compression Approach in Smart Grids. IEEE Transactions on Industry Applications, 2021, 57, 3296-3305.	3.3	8
44	IoT-Enabled Operation of Multi Energy Hubs Considering Electric Vehicles and Demand Response. IEEE Transactions on Intelligent Transportation Systems, 2022, , 1-9.	4.7	8
45	A novel fuzzy multi-objective framework to construct optimal prediction intervals for wind power forecast. , 2014, , .		7
46	Uncertainty Modeling for Participation of Electric Vehicles in Collaborative Energy Consumption. IEEE Transactions on Vehicular Technology, 2022, 71, 10293-10302.	3.9	7
47	Reinforcing Data Integrity in Renewable Hybrid AC-DC Microgrids from Social-Economic Perspectives. ACM Transactions on Sensor Networks, 2023, 19, 1-19.	2.3	6
48	Networked Microgrid Security and Privacy Enhancement By the Blockchain-enabled Internet of Things Approach. , 2019, , .		5
49	Multi-agent-based optimal power scheduling of shipboard power systems. Sustainable Cities and Society, 2021, 74, 103137.	5.1	5
50	A Framework of Electricity Market Based on Two-Layer Stochastic Power Management for Microgrids. IEEE Access, 2022, 10, 41047-41063.	2.6	4
51	Economic Operation of Utility-Connected Microgrids in a Fast and Flexible Framework Considering Non-Dispatchable Energy Sources. Energies, 2022, 15, 2894.	1.6	4
52	DAG-Based Smart Contract for Dynamic 6G Wireless EVs Charging System. IEEE Transactions on Green Communications and Networking, 2022, 6, 1459-1467.	3.5	4
53	Artificial intelligence for water energy nexus demand forecasting: a review. International Journal of Low-Carbon Technologies, 2022, 17, 730-744.	1.2	2
54	Two-stage stochastic operation framework for optimal management of the water energy hub. IET Generation, Transmission and Distribution, 2019, 13, 5218-5228.	1.4	1

#	ARTICLE	IF	CITATIONS
55	Short-Term Scheduling of a Renewable-Based Microgrid: Stochastic/Economic Battery Modeling. IEEE Access, 2021, 9, 90084-90101.	2.6	1
56	Guest Editorial: Special Section on Advanced Energy Internet Applications in Industrial Power and Energy Systems. IEEE Transactions on Industrial Informatics, 2022, , 1-1.	7.2	0