Ahmet Onen

List of Publications by Year
in descending order

45 papers	1,085 citations	643344 15 h-index	466096 32 g-index
45 all docs	45 docs citations	45 times ranked	1376 citing authors

#	Article	IF	Citations
1	Role of artificial intelligence in smart grids. Electrical Engineering, 2022, 104, 231-231.	1.2	3
2	Dynamic rolling horizon control approach for a university campus. Energy Reports, 2022, 8, 1154-1162.	2.5	8
3	Artificial Intelligence Based Intrusion Detection System for IEC 61850 Sampled Values Under Symmetric and Asymmetric Faults. IEEE Access, 2021, 9, 56486-56495.	2.6	24
4	Enhancing Cybersecurity in Smart Grids: False Data Injection and Its Mitigation. Energies, 2021, 14, 2657.	1.6	17
5	Machine Learning-Based Intrusion Detection for Achieving Cybersecurity in Smart Grids Using IEC 61850 GOOSE Messages. Symmetry, 2021, 13, 826.	1.1	30
6	PSO Supported Ensemble Algorithm for Bad Data Detection Against Intelligent Hacking Algorithm. Frontiers in Energy Research, 2021, 9, .	1.2	1
7	Rooftop Solar PV Penetration Impacts on Distribution Network and Further Growth Factorsâ€"A Comprehensive Review. Electronics (Switzerland), 2021, 10, 55.	1.8	55
8	Blockchain-Based Energy Applications: The DSO Perspective. IEEE Access, 2021, 9, 145605-145625.	2.6	14
9	Implementation of cost benefit analysis of vehicle to grid coupled real Micro-Grid by considering battery energy wear: Practical study case. Energy and Environment, 2021, 32, 1292-1314.	2.7	3
10	Peer-to-Peer Energy Trading in Virtual Power Plant Based on Blockchain Smart Contracts. IEEE Access, 2020, 8, 175713-175726.	2.6	87
11	Neuro-Fuzzy-Based Model Predictive Energy Management for Grid Connected Microgrids. Electronics (Switzerland), 2020, 9, 900.	1.8	22
12	Coronary Artery Disease Diagnosis Using Optimized Adaptive Ensemble Machine Learning Algorithm. International Journal of Bioscience, Biochemistry, Bioinformatics (IJBBB), 2020, 10, 58-65.	0.2	7
13	Optimal Control of Microgrids with Multi-stage Mixed-integer Nonlinear Programming Guided Q-learning Algorithm. Journal of Modern Power Systems and Clean Energy, 2020, 8, 1151-1159.	3.3	12
14	Micro-Grid Campus Concept from Data to Design: Case Study Malta. , 2020, , .		0
15	Machine Learning Algorithms Against Hacking Attack and Detection Success Comparison. , 2020, , .		0
16	Microgrid Environmental Impact. , 2020, , .		0
17	Assessment of Battery Storage Technologies for a Turkish Power Network. Sustainability, 2019, 11, 3669.	1.6	27
18	Transformation of microgrid to virtual power plant â€" a comprehensive review. IET Generation, Transmission and Distribution, 2019, 13, 1994-2005.	1.4	97

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19	Implementation of capital deferral algorithm in real distribution systems considering reliability by managing major faults. Electrical Engineering, 2019, 101, 1095-1102.	1.2	1
20	Cloud Induced PV Impact on Voltage Profiles for Real Microgrids. , 2018, , .		5
21	Design considerations for campus micro-grid: MCAST Case Study. , 2018, , .		3
22	Provision of Ancillary Services by a Smart Microgrid: An OPF Approach. , 2018, , .		9
23	Distribution automation effects on reliability during major contingencies. , 2018, , .		5
24	Enhancing smart grid with microgrids: Challenges and opportunities. Renewable and Sustainable Energy Reviews, 2017, 72, 205-214.	8.2	343
25	Chaperonin (HSP60) and annexin-2 are candidate biomarkers for non-small cell lung carcinoma. Medicine (United States), 2017, 96, e5903.	0.4	20
26	Investigation of distributed series reactors in power system applications and its economic implementation. International Transactions on Electrical Energy Systems, 2017, 27, e2259.	1.2	4
27	Novel hybrid design for microgrid control. , 2017, , .		10
28	Energy Saving of Conservation Voltage Reduction Based on Load-Voltage Dependency. Sustainability, 2016, 8, 803.	1.6	2
29	Model-centric Distribution Automation: Capacity, Reliability, and Efficiency. Electric Power Components and Systems, 2016, 44, 495-505.	1.0	4
30	Efficiency and cost evaluation of distribution systems based on multiple time points. , 2015, , .		0
31	Is the smart grid a good investment?. , 2015, , .		1
32	Economic Evaluation of Distribution System Smart Grid Investments. Electric Power Components and Systems, 2015, 43, 224-233.	1.0	6
33	Automation Effects on Reliability and Operation Costs in Storm Restoration. Electric Power Components and Systems, 2015, 43, 656-664.	1.0	5
34	Configurable, Hierarchical, Model-based, Scheduling Control with photovoltaic generators in power distribution circuits. Renewable Energy, 2015, 76, 318-329.	4.3	10
35	Local steady-state and quasi steady-state impact studies of high photovoltaic generation penetration in power distribution circuits. Renewable and Sustainable Energy Reviews, 2015, 43, 569-583.	8.2	17
36	Model Centric Approach for Monte Carlo Assessment of Storm Restoration and Smart Grid Automation. , 2014, , .		3

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37	Phasor-based assessment for harmonic sources in distribution networks. Electric Power Systems Research, 2014, 116, 94-105.	2.1	16
38	Economic optimal operation of Community Energy Storage systems in competitive energy markets. Applied Energy, 2014, 135, 71-80.	5.1	95
39	Coordinated control of automated devices and photovoltaic generators for voltage rise mitigation in power distribution circuits. Renewable Energy, 2014, 66, 532-540.	4.3	37
40	Time-varying cost of loss evaluation in distribution networks using market marginal price. International Journal of Electrical Power and Energy Systems, 2014, 62, 712-717.	3.3	5
41	Harmonic interactions of multiple distributed energy resources in power distribution networks. Electric Power Systems Research, 2013, 105, 124-133.	2.1	36
42	Monte Carlo analysis of Plug-in Hybrid Vehicles and Distributed Energy Resource growth with residential energy storage in Michigan. Applied Energy, 2013, 108, 218-235.	5.1	26
43	Smart Model Based Coordinated Control Based on Feeder Losses, Energy Consumption, and Voltage Violations. Electric Power Components and Systems, 2013, 41, 1686-1696.	1.0	12
44	Harmonic Impact Study for Distributed Energy Resources Integrated Into Power Distribution Networks. , 2013, , .		1
45	Distributed energy storage system control for optimal adoption of electric vehicles. , 2012, , .		2