Ashok Krishnan

List of Publications by Year
in descending order

24 papers	290 citations	1874746 5 h-index	1526636 10 g-index
24 all docs	24 docs citations	24 times ranked	380 citing authors

#	Article	IF	Citations
1	Optimal scheduling of multi-energy systems with load scheduling in multiple energy streams. , 2022, , .		3
2	Cooperative Bidding-Based Robust Optimal Energy Management of Multimicrogrids. IEEE Transactions on Industrial Informatics, 2020, 16, 5757-5768.	7.2	19
3	Framework for Network-Constrained Cooperative Trading of Multi-Microgrid Systems. , 2020, , .		2
4	A Hybrid Firefly-Swarm Optimized Fractional Order Interval Type-2 Fuzzy PID-PSS for Transient Stability Improvement. IEEE Transactions on Industry Applications, 2019, 55, 6486-6498.	3.3	60
5	Experiments with hybrid Bernstein global optimization algorithm for the OPF problem in power systems. Engineering Optimization, 2019, 51, 1446-1461.	1.5	3
6	Optimal Load Management in a Shipyard Drydock. IEEE Transactions on Industrial Informatics, 2019, 15, 3277-3288.	7.2	8
7	Decentralized nonlinear model predictive control of a multimachine power system. International Journal of Electrical Power and Energy Systems, 2019, 106, 358-372.	3.3	22
8	Agent-Based Aggregated Behavior Modeling for Electric Vehicle Charging Load. IEEE Transactions on Industrial Informatics, 2019, 15, 856-868.	7.2	130
9	Multi-Energy Scheduling Using a Hybrid Systems Approach. IFAC-PapersOnLine, 2018, 51, 229-234.	0.5	3
10	Design of a Droop Control Scheme for Programmable Sources in a Microgrid Testbed. IFAC-PapersOnLine, 2018, 51, 714-719.	0.5	0
11	Dual Tree Complex Wavelet Transform based Detection of Power Quality Disturbances. , 2018, , .		4
12	Wavelet Transform-Spectral Kurtosis Based Hybrid Technique for Disturbance Detection in a Microgrid. , 2018, , .		1
13	Identifying Microgrid Disturbances Using Independent Component Analysis. , 2018, , .		0
14	Firefly algorithm scaled fractional order fuzzy PID based PSS for transient stability improvement. , 2018, , .		12
15	Improvement in power quality using hybrid power filters based on robust extended Kalman filter. , 2018, , .		3
16	Optimal Scheduling of a Microgrid Including Pump Scheduling and Network Constraints. Complexity, 2018, 2018, 1-20.	0.9	3
17	Model predictive control of a CSTR: A comparative study among linear and nonlinear model approaches. , 2017, , .		3
18	Hybrid Model Predictive Control Framework for the Thermal Unit Commitment Problem including Start-up and Shutdown Power Trajectories. IFAC-PapersOnLine, 2017, 50, 9329-9335.	0.5	2

#	Article	IF	Citations
19	A control architecture for optimal power sharing among interconnected microgrids. , 2017, , .		2
20	Bernstein global optimization approach for distributed optimal power flow problem incorporating emission costs. , 2017, , .		0
21	Examining the Bernstein global optimization approach to optimal power flow problem. AIP Conference Proceedings, 2016, , .	0.3	2
22	Application of partitioned-based moving horizon estimation in power system state estimation. , 2015, , .		0
23	A single phase inverter based system to utilize distributed sources for storage and grid integration. , 2012, , .		0
24	Advanced digital smart meter for dynamic billing, tamper detection and consumer awareness. , 2011, , .		8