Ashkan Rahimi-Kian

List of Publications by Year
in descending order

23 papers	775 citations	933447
		10 h-index

1058476
14 g-index

| 23 all docs | 23 docs citations | 23 times ranked | 1043 citing authors |

#	Article	IF	Citations
1	Residential Microgrid Scheduling Based on Smart Meters Data and Temperature Dependent Thermal Load Modeling. IEEE Transactions on Smart Grid, 2014, 5, 349-357.	9.0	261
2	Efficient energy management for a grid–tied residential microgrid. IET Generation, Transmission and Distribution, 2017, 11, 2752-2761.	2.5	96
3	Cost-effective and comfort-aware residential energy management under different pricing schemes and weather conditions. Energy and Buildings, 2015, 86, 782-793.	6.7	95
4	An Efficient Optimization Approach to Real-Time Coordinated and Integrated Freeway Traffic Control. IEEE Transactions on Intelligent Transportation Systems, 2010, 11, 873-884.	8.0	55
5	Short-Term Load Forecasting With a New Nonsymmetric Penalty Function. IEEE Transactions on Power Systems, 2011, 26, 1817-1825.	6.5	41
6	Model-Based and Learning-Based Decision Making in Incomplete Information Cournot Games: A State Estimation Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 713-718.	9.3	32
7	A study of electricity market dynamics using Invasive Weed Colonization Optimization. , 2008, , .		31
8	Adaptive freeway ramp metering and variable speed limit control: a genetic-fuzzy approach. IEEE Intelligent Transportation Systems Magazine, 2009, 1, 27-36.	3.8	31
9	A multi-objective optimization for energy management in a renewable micro-grid system: A data mining approach. Journal of Renewable and Sustainable Energy, 2014, 6, .	2.0	20
10	Optimized energy management of a single-house residential micro-grid with automated demand response. , 2015, , .		20
11	A Dynamic Risk-Constrained Bidding Strategy for Generation Companies Based on Linear Supply Function Model. IEEE Systems Journal, 2015, 9, 1463-1474.	4.6	19
12	Uncertainty based distributed generation expansion planning in electricity markets. Electrical Engineering, 2010, 91, 369-382.	2.0	17
13	Real time adaptive non–linear estimator/predictor design for traffic systems with inadequate detectors. IET Intelligent Transport Systems, 2014, 8, 308-321.	3.0	9
14	Optimal real-time dispatch for integrated energy systems: An ontology-based multi-agent approach. , 2016, , .		9
15	Cooperative coevolutionary invasive weed optimization and its application to Nash equilibrium search in electricity markets. , 2009, , .		7
16	A genetic-fuzzy control application to ramp metering and variable speed limit control. , 2007, , .		6
17	Smart energy management for a micro-grid with consideration of demand response plans. , 2013, , .		6
18	Optimal Controller Design for Interconnected Power Networks With Predetermined Degree of Stability. IEEE Systems Journal, 2019, 13, 3165-3175.	4.6	6

#	Article	IF	Citations
19	Optimal control of the power ramp rate with flicker mitigation for directly grid connected wind turbines. Simulation, 2020, 96, 141-150.	1.8	6
20	A game theory approach to optimal coordinated ramp metering and variable speed limits. , 2008, , .		5
21	Integral backstepping Lyapunov redesign control of uncertain nonlinear systems. IET Control Theory and Applications, 2022, 16, 330-339.	2.1	3
22	Hierarchical Nash-Q learning in continuous games. , 2008, , .		0
23	Invasive weed optimization feature in market-based transmission expansion planning. , 2011, , .		0