

Ashkan Rahimi-Kian

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

775
citations

933447

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1058476

14
g-index

23
all docs

23
docs citations

23
times ranked

1043
citing authors

#	ARTICLE	IF	CITATIONS
1	Integral backstepping Lyapunov redesign control of uncertain nonlinear systems. IET Control Theory and Applications, 2022, 16, 330-339.	2.1	3
2	Optimal control of the power ramp rate with flicker mitigation for directly grid connected wind turbines. Simulation, 2020, 96, 141-150.	1.8	6
3	Optimal Controller Design for Interconnected Power Networks With Predetermined Degree of Stability. IEEE Systems Journal, 2019, 13, 3165-3175.	4.6	6
4	Efficient energy management for a grid-tied residential microgrid. IET Generation, Transmission and Distribution, 2017, 11, 2752-2761.	2.5	96
5	Optimal real-time dispatch for integrated energy systems: An ontology-based multi-agent approach. , 2016, , .		9
6	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
7	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
8	Optimized energy management of a single-house residential micro-grid with automated demand response. , 2015, , .		20
9	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
10	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
11	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
12	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
13	Smart energy management for a micro-grid with consideration of demand response plans. , 2013, , .		6
14	Short-Term Load Forecasting With a New Nonsymmetric Penalty Function. IEEE Transactions on Power Systems, 2011, 26, 1817-1825.	6.5	41
15	Invasive weed optimization feature in market-based transmission expansion planning. , 2011, , .		0
16	Uncertainty based distributed generation expansion planning in electricity markets. Electrical Engineering, 2010, 91, 369-382.	2.0	17
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Cooperative coevolutionary invasive weed optimization and its application to Nash equilibrium search in electricity markets. , 2009, , .		7
20	Hierarchical Nash-Q learning in continuous games. , 2008, , .		0
21	A game theory approach to optimal coordinated ramp metering and variable speed limits. , 2008, , .		5
22	A study of electricity market dynamics using Invasive Weed Colonization Optimization. , 2008, , .		31
23	A genetic-fuzzy control application to ramp metering and variable speed limit control. , 2007, , .		6