

Hamid Reza Najafi

List of Publications by Year in descending order

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18
papers

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18
docs citations

18
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384
citing authors

#	ARTICLE	IF	CITATIONS
1	Stochastic security and risk-constrained scheduling for an autonomous microgrid with demand response and renewable energy resources. IET Renewable Power Generation, 2017, 11, 1812-1821.	3.1	66
2	Study of the Effect of Time-Based Rate Demand Response Programs on Stochastic Day-Ahead Energy and Reserve Scheduling in Islanded Residential Microgrids. Applied Sciences (Switzerland), 2017, 7, 378.	2.5	49
3	Coordination of EVs Participation for Load Frequency Control in Isolated Microgrids. Applied Sciences (Switzerland), 2017, 7, 539.	2.5	44
4	A Stochastic Bi-Level Scheduling Approach for the Participation of EV Aggregators in Competitive Electricity Markets. Applied Sciences (Switzerland), 2017, 7, 1100.	2.5	39
5	Security-constrained unit commitment in AC microgrids considering stochastic price-based demand response and renewable generation. International Transactions on Electrical Energy Systems, 2018, 28, e2596.	1.9	32
6	Optimal Decision-Making Strategy of an Electric Vehicle Aggregator in Short-Term Electricity Markets. Energies, 2018, 11, 2413.	3.1	28
7	Hybrid modelling of doubly fed induction generators with inter-turn stator fault and its detection method using wavelet analysis. IET Generation, Transmission and Distribution, 2013, 7, 982-990.	2.5	24
8	Dynamic maximum available power of fixed-speed wind turbine at islanding operation. International Journal of Electrical Power and Energy Systems, 2013, 47, 147-156.	5.5	21
9	Optimal scheduling of distributed energy resources and responsive loads in islanded microgrids considering voltage and frequency security constraints. Journal of Renewable and Sustainable Energy, 2018, 10, .	2.0	17
10	Design and construction of a digital solar array simulator with fast dynamics and high performance. Solar Energy, 2020, 196, 319-326.	6.1	12
11	Novel notions of zero injection property of buses in optimal PMU location with efficient observability enhancement focusing on security concepts. Electric Power Systems Research, 2019, 169, 24-34.	3.6	10
12	Demand response strategy for frequency regulation in a microgrid without storage requirement. , 2016, , .		5
13	Frequency control of a microgrid including renewable resources with energy management of electric vehicles. , 2016, , .		3
14	Incorporating energy storage and demand response into intentional controlled islanding using time decomposition. International Transactions on Electrical Energy Systems, 2020, 30, e12553.	1.9	3
15	Reintegration-based controlled islanding considering fast and slow active/reactive corrective actions to enhance frequency and transient voltage stabilities. Electric Power Systems Research, 2021, 193, 107018.	3.6	3
16	A proposed strategy to manage charge/discharge of EVs in a microgrid including renewable resources. , 2016, , .		2
17	Design of discrete predictive direct power control strategy on the doubly-fed induction generator based on Micro-Hydro Power Plant with the aim of active and reactive powers control. , 2016, , .		1
18	Evaluation of an autonomous microgrid for rural electrification in Zahedan, Sistan Va Baluchestan. , 2015, , .		0