

Farzad Rajaei Salmasi

List of Publications by Year in descending order

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25
papers

1,490
citations

840119

11
h-index

940134

16
g-index

25
all docs

25
docs citations

25
times ranked

1720
citing authors

#	ARTICLE	IF	CITATIONS
1	Control Strategies for Hybrid Electric Vehicles: Evolution, Classification, Comparison, and Future Trends. IEEE Transactions on Vehicular Technology, 2007, 56, 2393-2404.	3.9	689
2	Robust Optimal Power Management System for a Hybrid AC/DC Micro-Grid. IEEE Transactions on Sustainable Energy, 2015, 6, 675-687.	5.9	233
3	Power management of an isolated hybrid AC/DC microgrid with fuzzy control of battery banks. IET Renewable Power Generation, 2015, 9, 484-493.	1.7	180
4	Fault-Tolerant Supervisory Controller for a Hybrid AC/DC Micro-Grid. IEEE Transactions on Smart Grid, 2018, 9, 2809-2823.	6.2	80
5	A Hierarchical Smart Street Lighting System With Brute-Force Energy Optimization. IEEE Sensors Journal, 2017, 17, 2871-2879.	2.4	59
6	Analysis and detection of a wind system failure in a micro-grid. Journal of Renewable and Sustainable Energy, 2016, 8, .	0.8	32
7	Enhanced control of grid-connected inverters with nonlinear inductor in LCL filter. IET Power Electronics, 2016, 9, 2111-2120.	1.5	31
8	Determination of maximum solar power under shading and converter faults—A prerequisite for failure-tolerant power management systems. Simulation Modelling Practice and Theory, 2016, 62, 14-30.	2.2	28
9	A new watermarking approach for replay attack detection in LQG systems. , 2017, , .		23
10	Replay attack detection in a multi agent system using stability analysis and loss effective watermarking. , 2017, , .		21
11	Islanding Fault Detection in Microgrids—A Survey. Energies, 2020, 13, 3479.	1.6	16
12	Decentralised robust Tâ€š fuzzy controller for a parallel islanded AC microgrid. IET Generation, Transmission and Distribution, 2019, 13, 1589-1598.	1.4	15
13	Implementation of smart optimal and automatic control of electrical home appliances (IoT). , 2017, , .		14
14	A Predictive and Battery Protective Control Strategy for Series HEV. Journal of Asian Electric Vehicles, 2008, 6, 1159-1165.	0.4	12
15	A smart street lighting control system for optimization of energy consumption and lamp life. , 2014, , .		11
16	A Hierarchical Smart Home Control System for Improving Load Shedding and Energy Consumption: Design and Implementation. IEEE Sensors Journal, 2019, 19, 3383-3390.	2.4	11
17	Reduced-order dynamic model for droop-controlled inverter/converter-based low-voltage hybrid AC/DC microgrids â€“ part 1: AC submicrogrid. IET Smart Grid, 2018, 1, 123-133.	1.5	9
18	Reduced-order dynamic model for droop-controlled inverter/converter-based low-voltage hybrid AC/DC microgrids â€“ Part 2: DC submicrogrid and power exchange. IET Smart Grid, 2018, 1, 134-142.	1.5	8

#	ARTICLE	IF	CITATIONS
19	A Stealth Integrity Targeted Cyber-Attack in Distributed Electric Power Networks with Local Model Information. Asian Journal of Control, 2019, 21, 545-558.	1.9	8
20	Mitigating zero dynamic attack in communication link-enabled droop-controlled hybrid AC/DC microgrids. IET Cyber-Physical Systems: Theory and Applications, 2020, 5, 207-217.	1.9	4
21	A cyber-attack on communication link in distributed systems and detection scheme based on H-infinity filtering. , 2017, , .		3
22	State of charge estimation for batteries in HEV using locally linear model tree (LOLIMOT). , 2007, , .		3
23	Fault reconstruction and disturbance estimation in linear dynamical systems. , 2014, , .		0
24	Performance enhancement & control of renewable energy sources inverters. , 2015, , .		0
25	Stabilization of a distributed generation unit with constant power load in islanding mode. , 2017, , .		0