

Poria Fajri

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

689
citations

13
h-index

25
g-index

56
ext. papers

1,015
ext. citations

4.6
avg. IF

4.81
L-index

#	Paper	IF	Citations
43	Combined Propulsion and Levitation Control for Maglev/Hyperloop Systems Utilizing Asymmetric Double-Sided Linear Induction Motors. <i>Machines</i> , 2022 , 10, 131	2.9	1
42	A Novel Combined Control Strategy for a Two-Stage Parallel Full-Wave ZCS Quasi Resonant Boost Converter for PV-Based Battery Charging Systems with Maximum Power Point Tracking. <i>Electricity</i> , 2022 , 3, 145-161	1	0
41	A Novel Control Strategy for the Frequency and Voltage Regulation of Distribution Grids Using Electric Vehicle Batteries. <i>Energies</i> , 2021 , 14, 1435	3.1	5
40	Stochastic Expansion Planning of Various Energy Storage Technologies in Active Power Distribution Networks. <i>Sustainability</i> , 2021 , 13, 5752	3.6	
39	Modeling, Analysis, and Control Design of a Single-Stage Boost Inverter. <i>Energies</i> , 2021 , 14, 4098	3.1	3
38	The Impacts of a Decision Making Framework on Distribution Network Reconfiguration. <i>IEEE Transactions on Sustainable Energy</i> , 2021 , 12, 634-645	8.2	6
37	Self-Healing Predictive Control of Battery System in Naval Power System With Pulsed Power Loads. <i>IEEE Transactions on Energy Conversion</i> , 2021 , 36, 1056-1069	5.4	4
36	. <i>IEEE Transactions on Energy Conversion</i> , 2020 , 35, 1806-1814	5.4	11
35	Modeling and Control of a Multifunctional Three-Phase Converter for Bidirectional Power Flow in Plug-In Electric Vehicles. <i>Energies</i> , 2020 , 13, 2591	3.1	5
34	Cost optimization and reliability assessment of a microgrid with large-scale plug-in electric vehicles participating in demand response programs. <i>International Journal of Green Energy</i> , 2020 , 17, 127-136	3	16
33	Peer-to-Peer Operation Strategy of PV Equipped Office Buildings and Charging Stations Considering Electric Vehicle Energy Pricing. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 5848-5857	4.7	18
32	Optimal management of residential energy storage systems in presence of intermittencies. <i>Journal of Building Engineering</i> , 2020 , 29, 101149	5.2	13
31	Realistic and Intelligent Management of Connected Storage Devices in Future Smart Homes Considering Energy Price Tag. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 1679-1689	4.3	18
30	A New System of Combined Propulsion and Levitation for Maglev Transportation 2020 ,		1
29	Maximizing Harvested Energy through Regenerative Braking Process in Dual-Motor All-Wheel Drive Electric Vehicles 2020 ,		3
28	A Market Framework for Decentralized Congestion Management in Smart Distribution Grids Considering Collaboration Among Electric Vehicle Aggregators. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 1147-1158	10.7	47
27	A Novel Approach for Maximizing Regenerative Braking Energy Extraction of Electric Vehicles Using Motor Performance Lookup Table 2019 ,		3

26	Control of Interlinking Bidirectional Converter in AC/DC Hybrid Microgrid Operating in Stand-Alone Mode 2019 ,		6
25	Maximizing Regenerative Braking Energy Recovery of Electric Vehicles Through Dynamic Low-Speed Cutoff Point Detection. <i>IEEE Transactions on Transportation Electrification</i> , 2019 , 5, 262-270	7.6	43
24	Modelling and sliding-mode control of a single-phase single-stage converter with application to plug-in electric vehicles. <i>IET Power Electronics</i> , 2019 , 12, 620-626	2.2	8
23	Active and Reactive Power Compensation using a PEV-Based Three-Level Capacitor Clamped Inverter 2019 ,		2
22	Energy Management of Multi-Energy Storage Systems Using Energy Path Decomposition 2019 ,		3
21	Electromagnetic Analysis and Design Methodology for Permanent Magnet Motors Using MotorAnalysis-PM Software. <i>Machines</i> , 2019 , 7, 75	2.9	6
20	Energy management and optimal storage sizing for a shared community: A multi-stage stochastic programming approach. <i>Applied Energy</i> , 2019 , 236, 42-54	10.7	42
19	Smart Home Energy Management Considering Real-Time Energy Pricing of Plug-in Electric Vehicles 2018 ,		3
18	Voltage Mode Control of Single-Phase Boost Inverter in dq Reference Frame 2018 ,		1
17	Regenerative Braking Performance of Different Electric Vehicle Configurations Considering Dynamic Low Speed Cutoff Point 2018 ,		4
16	Development of a Series Hybrid Electric Vehicle Laboratory Test Bench with Hardware-in-the-Loop Capabilities 2018 ,		2
15	Influencing Factors in Low Speed Regenerative Braking Performance of Electric Vehicles 2018 ,		7
14	An Overview of Direct Current Distribution System Architectures & Benefits. <i>Energies</i> , 2018 , 11, 2463	3.1	20
13	Energy Storage Management Strategy Based on Dynamic Programming and Optimal Sizing of PV Panel-Storage Capacity for a Residential System 2018 ,		6
12	Hierarchical Energy Management Strategy for a Community of Multi Smart Homes 2018 ,		2
11	Charge scheduling of a plug-in electric vehicle considering load demand uncertainty based on multi-stage stochastic optimization 2017 ,		7
10	Hierarchical droop controlled frequency optimization and energy management of a grid-connected microgrid 2017 ,		3
9	. <i>IEEE Transactions on Industry Applications</i> , 2017 , 53, 5786-5794	4.3	59

8	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2017 , 18, 1325-1332	6.1	14
7	Optimum low speed control of regenerative braking for electric vehicles 2017 ,		10
6	Load regulation of a smart household with PV-storage and electric vehicle by dynamic programming successive algorithm technique 2016 ,		13
5	. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 4264-4273	6.8	50
4	A DCDC Converter With High Voltage Gain and Two Input Boost Stages. <i>IEEE Transactions on Power Electronics</i> , 2016 , 31, 4206-4215	7.2	176
3	Reactive power management for overvoltage prevention at high PV penetration in low voltage distribution system 2015 ,		6
2	Effect of brake power distribution on dynamic programming technique in plug-in series hybrid electric vehicle control strategy 2015 ,		5
1	Development of an Experimental Testbed for Research in Lithium-Ion Battery Management Systems. <i>Energies</i> , 2013 , 6, 5231-5258	3.1	32