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List of Publications by Year
in descending order

35 papers	3,399 citations	623188 14 h-index	752256 20 g-index
45 all docs	45 docs citations	45 times ranked	3964 citing authors

#	Article	IF	Citations
1	Optimal hybrid microgrid sizing framework for the mining industry with three case studies from Australia. IET Renewable Power Generation, 2021, 15, 409-423.	1.7	13
2	Innovative Energy Management System for MVDC Networks with Black-Start Capabilities. Energies, 2021, 14, 2100.	1.6	3
3	A Novel BIPV Reconfiguration Algorithm for Maximum Power Generation under Partial Shading. Energies, 2020, 13, 4470.	1.6	24
4	Performance Evaluation of Four Grid-Forming Control Techniques with Soft Black-Start Capabilities. , 2020, , .		14
5	A Review of the Tools and Methods for Distribution Networksâ€™ Hosting Capacity Calculation. Energies, 2020, 13, 2758.	1.6	64
6	Technoeconomic feasibility study of grid-connected building-integrated photovoltaics system for clean electrification: A case study of Doha metro. Energy Reports, 2020, 6, 407-414.	2.5	14
7	On Optimal Battery Sizing for Households Participating in Demand-Side Management Schemes. Energies, 2019, 12, 3419.	1.6	13
8	HVDC Transmission: Technology Review, Market Trends and Future Outlook. Renewable and Sustainable Energy Reviews, 2019, 112, 530-554.	8.2	244
9	Integrated Economic Adoption Model for residential grid-connected photovoltaic systems: An Australian case study. Energy Reports, 2019, 5, 310-326.	2.5	48
10	A Novel Methodology to Determine the Maximum PV Penetration in Distribution Networks. , 2019, , .		3
11	Design of an Intelligent Energy Management System for Standalone PV/Battery DC Microgrids. , 2019, , .		9
12	An Assessment of Different Electricity Tariffs on Residential Photovoltaic System Profitability: Australian Case Study. , 2019, , .		1
13	Generic Distributed Photovoltaic Cost Outlook Methodology: Australian Market Application Example. , 2018, , .		3
14	A five-level neutral-point-clamped/H-Bridge quasi-impedance source inverter for grid connected PV system. , 2016, , .		13
15	An overview for the Z-Source Converter in motor drive applications. Renewable and Sustainable Energy Reviews, 2016, 61, 537-555.	8.2	32
16	Smart grid customers' acceptance and engagement: An overview. Renewable and Sustainable Energy Reviews, 2016, 65, 1285-1298.	8.2	116
17	Z-Source Inverter: Topology Improvements Review. IEEE Industrial Electronics Magazine, 2016, 10, 6-24.	2.3	242
18	Z-Source Matrix Converter: An Overview. IEEE Transactions on Power Electronics, 2016, 31, 7436-7450.	5.4	68

#	Article	IF	Citations
19	A Quasi-Z-Source Direct Matrix Converter Feeding a Vector Controlled Induction Motor Drive. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2015, 3, 339-348.	3.7	55
20	Renewable energy resources: Current status, future prospects and their enabling technology. Renewable and Sustainable Energy Reviews, 2014, 39, 748-764.	8.2	2,024
21	Torque control strategies for a high performance switched reluctance motor drive system. , 2013, , .		7
22	Model Predictive Control applied for Quasi-Z-source inverter. , 2013, , .		21
23	Model predictive control of a grid connected quasi-Z-source inverter. , 2013, , .		15
24	Grid connected quasi-Z-Source direct matrix converter. , 2013, , .		3
25	Field oriented control of an induction motor fed by a quasi-Z-source direct matrix converter. , 2013, , .		7
26	Predictive torque control of an induction motor fed by a bidirectional quasi Z-source inverter. , 2013, , .		10
27	Indirect field oriented control of an induction motor fed by a bidirectional quasi Z-source inverter. , 2012, , .		9
28	A DSP-Based Dual-Loop Peak DC-link Voltage Control Strategy of the Z-Source Inverter. IEEE Transactions on Power Electronics, 2012, 27, 4088-4097.	5.4	152
29	Direct torque controlled space vector modulated induction motor fed by a Z-source inverter for electric vehicles. , 2011, , .		21
30	A comparative study of different control techniques for an induction motor fed by a Z-source inverter for electric vehicles. , 2011, , .		22
31	Experimental Study of the Shoot-Through Boost Control Methods for the Z-Source Inverter. EPE Journal (European Power Electronics and Drives Journal), 2011, 21, 18-29.	0.7	47
32	Capacitor Voltage Control Techniques of the Z-source Inverter: A Comparative Study. EPE Journal (European Power Electronics and Drives Journal), 2011, 21, 13-24.	0.7	12
33	A DSP-Based Dual Loop Digital Controller Design and Implementation of a High Power Boost Converter for Hybrid Electric Vehicles Applications. Journal of Power Electronics, 2011, 11, 113-119.	0.9	20
34	Control of a Bidirectional Z-Source Inverter for Electric Vehicle Applications in Different Operation Modes. Journal of Power Electronics, 2011, 11, 120-131.	0.9	30
35	Control of A high-Performance Z-Source Inverter for Fuel Cell/ Supercapacitor Hybrid Electric Vehicles. World Electric Vehicle Journal, 2010, 4, 444-451.	1.6	8