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## List of Publications by Year in descending order

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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	Renewable energy resources: Current status, future prospects and their enabling technology. Renewable and Sustainable Energy Reviews, 2014, 39, 748-764.	8.2	2,024
2	HVDC Transmission: Technology Review, Market Trends and Future Outlook. Renewable and Sustainable Energy Reviews, 2019, 112, 530-554.	8.2	244
3	Z-Source Inverter: Topology Improvements Review. IEEE Industrial Electronics Magazine, 2016, 10, 6-24.	2.3	242
4	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
5	Smart grid customers' acceptance and engagement: An overview. Renewable and Sustainable Energy Reviews, 2016, 65, 1285-1298.	8.2	116
6	Z-Source Matrix Converter: An Overview. IEEE Transactions on Power Electronics, 2016, 31, 7436-7450.	5.4	68
7	A Review of the Tools and Methods for Distribution Networks' Hosting Capacity Calculation. Energies, 2020, 13, 2758.	1.6	64
8	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
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	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
11	An overview for the Z-Source Converter in motor drive applications. Renewable and Sustainable Energy Reviews, 2016, 61, 537-555.	8.2	32
12	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
13	A Novel BIPV Reconfiguration Algorithm for Maximum Power Generation under Partial Shading. Energies, 2020, 13, 4470.	1.6	24
14	A comparative study of different control techniques for an induction motor fed by a Z-source inverter for electric vehicles. , 2011, , .		22
15	Direct torque controlled space vector modulated induction motor fed by a Z-source inverter for electric vehicles. , 2011, , .		21
16	Model Predictive Control applied for Quasi-Z-source inverter. , 2013, , .		21
17	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
18	Model predictive control of a grid connected quasi-Z-source inverter. , 2013, , .		15

#	ARTICLE	IF	CITATIONS
19	Performance Evaluation of Four Grid-Forming Control Techniques with Soft Black-Start Capabilities. , 2020, , .		14
20	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
21	A five-level neutral-point-clamped/H-Bridge quasi-impedance source inverter for grid connected PV system. , 2016, , .		13
22	On Optimal Battery Sizing for Households Participating in Demand-Side Management Schemes. Energies, 2019, 12, 3419.	1.6	13
23	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
24	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
25	Predictive torque control of an induction motor fed by a bidirectional quasi Z-source inverter. , 2013, , .		10
26	Indirect field oriented control of an induction motor fed by a bidirectional quasi Z-source inverter. , 2012, , .		9
27	Design of an Intelligent Energy Management System for Standalone PV/Battery DC Microgrids. , 2019, , .		9
28	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
29	Torque control strategies for a high performance switched reluctance motor drive system. , 2013, , .		7
30	Field oriented control of an induction motor fed by a quasi-Z-source direct matrix converter. , 2013, , .		7
31	Grid connected quasi-Z-Source direct matrix converter. , 2013, , .		3
32	Generic Distributed Photovoltaic Cost Outlook Methodology: Australian Market Application Example. , 2018, , .		3
33	A Novel Methodology to Determine the Maximum PV Penetration in Distribution Networks. , 2019, , .		3
34	Innovative Energy Management System for MVDC Networks with Black-Start Capabilities. Energies, 2021, 14, 2100.	1.6	3
35	An Assessment of Different Electricity Tariffs on Residential Photovoltaic System Profitability: Australian Case Study. , 2019, , .		1