

## List of Publications by Citations

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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.

34 papers	287 citations	11 h-index	15 g-index
45 ext. papers	505 ext. citations	4.2 avg, IF	4.15 L-index

#	Paper	IF	Citations
34	. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , <b>2019</b> , 7, 1352-1363	5.6	30
33	Interleaved Multilevel Boost Converter With Minimal Voltage Multiplier Components for High-Voltage Step-Up Applications. <i>IEEE Transactions on Power Electronics</i> , <b>2020</b> , 35, 12816-12833	7.2	22
32	Closed-Loop Control and Boundary for CCM and DCM of Nonisolated Inverting NMultilevel Boost Converter for High-Voltage Step-Up Applications. <i>IEEE Transactions on Industrial Electronics</i> , <b>2020</b> , 67, 2863-2874	8.9	22
31	A state-of-the-art review on topologies and control techniques of solid-state transformers for electric vehicle extreme fast charging. <i>IET Power Electronics</i> , <b>2021</b> , 14, 1560	2.2	18
30	New tri-switching state non-isolated high gain DCDC boost converter for microgrid application. <i>IET Power Electronics</i> , <b>2019</b> , 12, 2741-2750	2.2	17
29	Design and Implementation of Cascaded Multilevel qZSI Powered Single-Phase Induction Motor for Isolated Grid Water Pump Application. <i>IEEE Transactions on Industry Applications</i> , <b>2020</b> , 56, 1907-1917	4.3	16
28	A New Variable Frequency Control of 49-Level Cascaded Packed U-Cell Voltage Source Inverter. <i>IEEE Transactions on Industry Applications</i> , <b>2019</b> , 55, 7537-7548	4.3	13
27	Common mode voltage reduction technique in a three-to-three phase indirect matrix converter. <i>IET Electric Power Applications</i> , <b>2018</b> , 12, 254-263	1.8	12
26	Comprehensive review & impact analysis of integrating projected electric vehicle charging load to the existing low voltage distribution system. <i>Renewable and Sustainable Energy Reviews</i> , <b>2022</b> , 153, 111756	16.2	12
25	Novel Level Shifted PWM Technique for Unequal and Equal Power Sharing in Quasi Z-Source Cascaded Multilevel Inverter for PV Systems. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , <b>2021</b> , 9, 937-948	5.6	12
24	Experimental Investigation and Comparative Evaluation of Standard Level Shifted Multi-Carrier Modulation Schemes With a Constraint GA Based SHE Techniques for a Seven-Level PUC Inverter. <i>IEEE Access</i> , <b>2019</b> , 7, 100605-100617	3.5	11
23	7L-SCBI topology with minimal semiconductor device count. <i>IET Power Electronics</i> , <b>2020</b> , 13, 3199-3203	2.2	10
22	Novel voltage balancing algorithm for single-phase cascaded multilevel inverter for post-module failure operation in solar photovoltaic applications. <i>IET Renewable Power Generation</i> , <b>2019</b> , 13, 427-437	2.9	9
21	Improved Dual Switch Non-Isolated High Gain Boost Converter for DC microgrid Application <b>2021</b> ,		9
20	<b>2017</b> ,		6
19	A Comparison Review on Transmission Mode for Onshore Integration of Offshore Wind Farms: HVDC or HVAC. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 1489	2.6	6
18	. <i>IEEE Transactions on Power Electronics</i> , <b>2021</b> , 36, 4766-4777	7.2	6

17	High Brightness and High Voltage Dimmable LED Driver for Advanced Lighting System. <i>IEEE Access</i> , <b>2019</b> , 7, 95643-95652	3.5	5
16	A Review on Impact Analysis of Electric Vehicle Charging on Power Distribution Systems <b>2020</b> ,		5
15	A hybrid active and reactive power control with Quasi Z-source inverter in single-phase grid-connected PV systems <b>2016</b> ,		5
14	Thyristor based SVC and multilevel qZSI for Active and Reactive power management in solar PV system <b>2017</b> ,		4
13	Systematic Implementation of Multi-Phase Power Supply (Three to Six) Conversion System. <i>Electronics (Switzerland)</i> , <b>2019</b> , 8, 109	2.6	4
12	Review on classification of resonant converters for electric vehicle application. <i>Energy Reports</i> , <b>2022</b> , 8, 1091-1113	4.6	4
11	A review on recent developments in control and optimization of micro grids. <i>Energy Reports</i> , <b>2022</b> , 8, 4085-4103	4.6	4
10	Optimized FPGA Implementation of PWAM-Based Control of Three-Phase Nine-Level Quasi Impedance Source Inverter. <i>IEEE Access</i> , <b>2019</b> , 7, 137279-137290	3.5	3
9	A Quasi Impedance Source Inverter based Wireless Power Transfer System for Battery Charging Applications for Electric Vehicle <b>2019</b> ,		3
8	Impact of EV charging Station Penetration on Harmonic Distortion Level in Utility Distribution Network: A Case Study of Qatar <b>2021</b> ,		3
7	Novel Level-Shifted PWM Technique for Cascaded Multilevel Quasi-Impedance Source Inverter. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , <b>2021</b> , 9, 5918-5928	5.6	3
6	A Dual Active Bridge based Wireless Power Transfer System for EV Battery Charging Controlled Using High Speed FPGA <b>2020</b> ,		2
5	Cascaded multilevel qZSI powered single-phase induction motor for water pump application <b>2017</b> ,		2
4	Field-Oriented Control of Five-Phase Induction Motor fed from Space Vector Modulated Matrix Converter. <i>IEEE Access</i> , <b>2022</b> , 1-1	3.5	2
3	Scalable Multiport Converter Structure for Easy Grid Integration of Alternate Energy Sources for Generation of Isolated Voltage Sources for MMC. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 1779	2.6	2
2	Dynamic Modelling and Control of Pole-phase Modulation based Multiphase Induction Motor Drives. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , <b>2021</b> , 1-1	5.6	1
1	Fault tolerant single-phase capacitor start capacitor run induction motor powered with cascaded multilevel quasi impedance source inverter. <i>Journal of Engineering</i> , <b>2019</b> , 2019, 4036-4040	0.7	0