

# A Kirubakaran

## 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.

29  
papers

780  
citations

8  
h-index

27  
g-index

45  
ext. papers

1,000  
ext. citations

3.3  
avg, IF

4.46  
L-index

#	Paper	IF	Citations
29	An improved quasi Z-source based H5 inverter with low leakage current for photovoltaic applications. <i>International Transactions on Electrical Energy Systems</i> , <b>2021</b> , 31, e13187	2.2	
28	A Quasi Z-Source Based Five-Level PV Inverter with Leakage Current Reduction. <i>IEEE Transactions on Industry Applications</i> , <b>2021</b> , 1-1	4.3	1
27	Bi-Directional Clamping Based H5, HERIC and H6-Type Transformerless Inverter Topologies with Improved Modulation Technique <b>2020</b> ,		2
26	Bidirectional Clamping-Based H5, HERIC, and H6 Transformerless Inverter Topologies With Reactive Power Capability. <i>IEEE Transactions on Industry Applications</i> , <b>2020</b> , 56, 5119-5128	4.3	7
25	Impedance Source-based Multilevel Inverter: A State-of-the-Art Review. <i>Journal of Circuits, Systems and Computers</i> , <b>2020</b> , 29, 2030011	0.9	2
24	A three-phase inverter circuit using half-bridge cells and T-NPC for medium-voltage applications. <i>International Journal of Circuit Theory and Applications</i> , <b>2020</b> , 48, 1744-1765	2	1
23	A Two-Stage T-Type Hybrid Five-Level Transformerless Inverter for PV Applications. <i>IEEE Transactions on Power Electronics</i> , <b>2020</b> , 35, 9510-9521	7.2	15
22	Single-Phase Two-Stage Seven-Level Power Conditioner for Photovoltaic Power Generation System. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , <b>2020</b> , 8, 794-804	5.6	15
21	Operation, Control and Verification of Seven-Level Quasi-Z-Source-Based T-Type Inverter. <i>Journal of Circuits, Systems and Computers</i> , <b>2020</b> , 29, 2050023	0.9	
20	A Seven-Level Hybrid Inverter with DC-Link and Flying Capacitor Voltage Balancing <b>2019</b> ,		4
19	A Space Vector Modulated Quasi-Z-Source Based Four-Level VSI for PV Application <b>2019</b> ,		1
18	A Seven-Level VSI With a Front-End Cascaded Three-Level Inverter and Flying-Capacitor-Fed H-Bridge. <i>IEEE Transactions on Industry Applications</i> , <b>2019</b> , 55, 6073-6088	4.3	19
17	A new configuration of seven-level quasi Z-source based isolated inverter for renewable applications. <i>International Transactions on Electrical Energy Systems</i> , <b>2019</b> , 29, e2833	2.2	7
16	A new structure of three-phase five-level inverter with nested two-level cells. <i>International Journal of Circuit Theory and Applications</i> , <b>2019</b> , 47, 1435-1445	2	5
15	An Improved Hybrid-Bridge Transformerless Inverter Topology With Bidirectional Clamping and Reactive Power Capability. <i>IEEE Transactions on Industry Applications</i> , <b>2019</b> , 55, 7400-7409	4.3	1
14	A Five-Level Quasi Z-Source Based NPC Inverter for PV Applications <b>2019</b> ,		4
13	A new hybrid flying capacitor based single-phase nine-level inverter. <i>International Transactions on Electrical Energy Systems</i> , <b>2019</b> , 29, e12139	2.2	10

12	FPGA-based implementation of single-phase seven-level quasi-Z-source inverter. <i>International Journal of Circuit Theory and Applications</i> , <b>2019</b> , 47, 1970-1989	2	1
11	A new structure of single-phase two-stage hybrid transformerless multilevel PV inverter. <i>International Journal of Circuit Theory and Applications</i> , <b>2019</b> , 47, 152-174	2	12
10	Xilinx FPGA-Based Single Phase Seven-Level Inverter with Single Input DC Voltage Source. <i>Journal of Circuits, Systems and Computers</i> , <b>2017</b> , 26, 1750202	0.9	
9	A novel three-phase seven-level inverter <b>2017</b> ,		3
8	Single-Phase Quasi-Z-source based Isolated DC/AC converter <b>2016</b> ,		4
7	Development of LabVIEW-based multilevel inverter with reduced number of switches. <i>International Journal of Power Electronics</i> , <b>2014</b> , 6, 88	0.2	4
6	A novel four level cascaded Z-source inverter <b>2014</b> ,		5
5	A new multilevel DC-DC boost converter for fuel cell based power system <b>2012</b> ,		6
4	A multilevel inverter with reduced number of switches <b>2012</b> ,		18
3	. <i>IEEE Transactions on Power Electronics</i> , <b>2011</b> , 26, 3853-3864	7.2	32
2	A review on fuel cell technologies and power electronic interface. <i>Renewable and Sustainable Energy Reviews</i> , <b>2009</b> , 13, 2430-2440	16.2	594
1	Distributed Generation by Solid Oxide Fuel Cell: A Review <b>2008</b> ,		1