

# Jayaram Nakka

## List of Publications by Year in descending order

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15  
papers

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citations

1937685

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1872680

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docs citations

15  
times ranked

112  
citing authors

#	ARTICLE	IF	CITATIONS
1	Grid integration of three phase solar powered fault-tolerant cascaded H-bridge inverter. International Journal of Circuit Theory and Applications, 2022, 50, 2566-2583.	2.0	4
2	Cascaded diode clamped inverter based grid-connected photovoltaic energy conversion system with enhanced power handling capability and efficiency. IET Renewable Power Generation, 2021, 15, 600-613.	3.1	2
3	A Novel Hybrid Multilevel PWM Technique for Power Rating Enhancement in Improved Hybrid Cascaded Diode Clamped Multilevel Inverter. Electric Power Components and Systems, 2019, 47, 1132-1143.	1.8	7
4	Capacitor voltage balancing in cascaded H-bridge multilevel inverter and its modelling analysis for grid integrated wind energy conversion system application. International Journal of Circuit Theory and Applications, 2019, 47, 1323-1339.	2.0	15
5	Single-phase cascaded multilevel inverter topology addressed with the problem of unequal photovoltaic power distribution in isolated dc links. IET Power Electronics, 2019, 12, 284-294.	2.1	39
6	Effective grid connected power injection scheme using multilevel inverter based hybrid wind solar energy conversion system. Electric Power Systems Research, 2019, 171, 1-14.	3.6	38
7	A Grid Connected Cascaded H-Bridge Multilevel Inverter Based Wind Energy System Addressed with the Problem of Power Mismatch in Isolated DC Links. , 2018, , .		1
8	Three-Phase Four-Leg Four-Wire Topology in High Power Factor Converter addressing the problem of unbalanced source currents. , 2018, , .		0
9	Design, simulation and performance analysis of Fuel Cell based energy system with Cascaded H-Bridge Multilevel Inverter. , 2016, , .		2
10	Improved performance of cascaded multilevel inverter. , 2016, , .		5
11	Grid connected nine-level inverter for photovoltaic applications. , 2016, , .		0
12	A single-phase cascaded H-Bridge inverter for grid-tie photovoltaic system addressing the problem of unbalances in H-Bridge cells. , 2016, , .		5
13	An improved power rating of inverter topology for the application in standalone or smart grid connected photovoltaic systems. , 2016, , .		2
14	Cascaded flying capacitor half bridge inverter for power rating enhancement in PV based inverter system. , 2016, , .		1
15	Improved power rating of cascaded H-Bridge multilevel inverter. , 2015, , .		4