Mohammad Ali Hosseinzadeh

List of Publications by Year
in descending order

38 papers	371 citations	1307594 7 h-index	1588992 8 g-index
38 all docs	38 docs citations	38 times ranked	230 citing authors

#	Article	IF	Citations
1	A 15-Level Switched-Capacitor Multilevel Inverter Structure With Self-Balancing Capacitor. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1477-1481.	3.0	17
2	An Asymmetric Switched-Capacitor Multicell Inverter With Low Number of DC Source and Voltage Stress for Renewable Energy Sources. IEEE Access, 2022, 10, 30513-30525.	4.2	13
3	Efficient switchedâ€capacitor multilevel inverters for highâ€power solar photovoltaic systems. IET Renewable Power Generation, 2022, 16, 2248-2266.	3.1	3
4	Reduced Multisource Switched-Capacitor Multilevel Inverter Topologies. IEEE Transactions on Power Electronics, 2022, 37, 14647-14666.	7.9	14
5	A Reduced Single-Phase Switched-Diode Cascaded Multilevel Inverter. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 3556-3569.	5.4	41
6	Reduced Switch Multilevel Inverter Topologies for Renewable Energy Sources. IEEE Access, 2021, 9, 120580-120595.	4.2	25
7	A Switched-DC Source Sub-Module Multilevel Inverter Topology for Renewable Energy Source Applications. IEEE Access, 2021, 9, 135964-135982.	4.2	29
8	Model Predictive Control for a Multisource Inverter in Electrical Vehicle Applications. , 2021, , .		1
9	Genetic Algorithm Technique for 7-Level Cascaded H-Bridge Multilevel Converter THD Minimization. , 2019, , .		1
10	A New Basic Unit for Symmetric and Asymmetric Cascaded Multilevel Inverters with Reduced Power Electronic Devices. , 2019, , .		2
11	Modified H-Bridge Inverter with Reduced Number of Switching Devices. , 2019, , .		0
12	Selective Harmonic Elimination In Cascaded H-Bridge Multilevel Inverter Using Genetic Algorithm Approach. , 2019, , .		11
13	Model Predictive Control for the New Reduced Multi-level Grid-Connected Converter. , 2019, , .		2
14	New Single-Phase Asymmetric Reduced Multilevel Inverter Based on Switched-Diode for Cascaded Multilevel Inverters. , 2019, , .		1
15	Performance Evaluation of Cascaded H-bridge Multilevel Grid-Connected Converter with Model Predictive Control Technique. , 2019, , .		7
16	Predictive Control of a Three-Phase Cascaded H-Bridge Multilevel Inverter for Solar Energy Injection. , 2019, , .		0
17	Control of a Three-Phase Cascaded H-Bridge Multilevel Inverter for Solar Energy Injection. , 2019, , .		0
18	New Reduced Switched Multilevel Inverter for Three-Phase Grid-Connected PV System, Performance Evaluation. , 2019, , .		4

#	Article	IF	Citations
19	New Reduced Asymmetric Basic Module Multilevel Converters for Cascaded Configurations. , 2019, , .		1
20	New Cascaded Multilevel Inverter Configuration with Reduced Number of Components. , 2019, , .		1
21	Predictive Control in Power Converter Applications: Challenge and Trends. , 2018, , .		4
22	New Asymmetric Cascaded Multi-level Converter with Reduced Components. , 2018, , .		7
23	Predictive Control Applied to a Cascaded H-Bridge Multilevel Converter. , 2018, , .		0
24	Back-to-Back Modified T-Type Half-Bridge Module for Cascaded Multi-level Inverters with Decreased Number of Components. , 2018, , .		3
25	Trends and Challenges of Predictive Control in Power Electronics. , 2018, , .		2
26	Recent Predictive Control Strategies Applied to Flying Capacitor Multilevel Inverters. , 2018, , .		3
27	Recent Challenge and Trends of Predictive Control in Power Electronics Application. , 2018, , .		3
28	New Sub-Module for Cascaded Multilevel Inverters with Reduced Switching Devices. , 2018, , .		0
29	New cascaded multilevel converters based on switched-diode six-level configuration. , 2017, , .		8
30	New sub-module inverter for cascaded multilevel inverter with reduced number of switch counts. , 2017, , .		13
31	Cascaded multilevel inverter based on new sub-module inverter with reduced number of switching devices. , 2017, , .		11
32	New fundamental multilevel inverter with reduced number of switching elements. , 2017, , .		14
33	A new sub-multilevel inverter with reduced number of components. , 2016, , .		11
34	A new basic unit for symmetric and asymmetric cascaded multilevel inverter with reduced number of components. , 2016, , .		12
35	A new basic unit for cascaded multilevel inverters with reduced number of power electronic devices. , 2016, , .		16
36	A new topology for cascaded multilevel inverters with reduced number of power electronic switches. , 2016, , .		9

#	Article	IF	Citations
37	Asymmetrical multilevel converter topology with reduced number of components. IET Power Electronics, 2013, 6, 1188-1196.	2.1	73
38	Back-to-back stacked multicell converter. , 2012, , .		9