

Majid Farhangi

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

209
citations

1684188

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1872680

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12
all docs

12
docs citations

12
times ranked

238
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards a Green and Self-Powered Internet of Things Using Piezoelectric Energy Harvesting. IEEE Access, 2019, 7, 94533-94556.	4.2	133
2	Nine-Level Nine-Switch Common-Ground Switched-Capacitor Inverter Suitable for High-Frequency AC-Microgrid Applications. IEEE Transactions on Power Electronics, 2022, 37, 6132-6143.	7.9	26
3	Design, analysis and experimental verification of a high voltage gain and high efficiency DC-DC converter for photovoltaic applications. IET Renewable Power Generation, 2020, 14, 1699-1709.	3.1	17
4	Enhanced soft-switching strategy for flyback-based microinverter in PV power systems. IET Renewable Power Generation, 2019, 13, 2830-2839.	3.1	10
5	Efficiency Improvement Scheme for PV Emulator Based on a Physical Equivalent PV-Cell Model. IEEE Access, 2021, 9, 83929-83939.	4.2	8
6	Advanced Modulation Scheme of Dual Active Bridge for High Conversion Efficiency. , 2019, , .		5
7	A Single-Source Single-Stage Switched-Boost Multilevel Inverter: Operation, Topological Extensions, and Experimental Validation. IEEE Transactions on Power Electronics, 2022, 37, 11258-11271.	7.9	5
8	Switched-Boost Common-Ground Five-Level (SBCG5L) Grid-Connected Inverter With Single-Stage Dynamic Voltage Boosting Concept. , 2021, , .		2
9	A Novel Seven-Level Switched-Boost Common-Ground Inverter With Single-Stage Dynamic Voltage Boosting Gain. , 2022, , .		2
10	A Novel Single-Source Single-Stage Switched-Boost Five-Level (S5B5L) Inverter With Dynamic Voltage Boosting Feature. , 2021, , .		1
11	A Compact Design Using GaN Semiconductor Devices for a Flying Capacitor Five-Level Inverter. , 2021, , .		0
12	An Interleaved Switched-Boost Common-Ground Five-Level Inverter. , 2022, , .		0