

Mahyar Hassanifar

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Modular Cascaded Multilevel Converter With High Configurability: Design, Analysis, and Optimization Study. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2023, 11, 850-861.	5.4	12
2	T-type Nested Neutral Point Clamped (T-NNPC) Multilevel Inverter: Identification and Diagnosis of IGBT Switch Failures. , 2022, , .		3
3	A Boost Switched-Capacitor Multilevel Inverter Using Quasi-Resonant Inductor. , 2021, , .		0
4	A New Hybrid Three-Phase Multilevel Inverter Devoted to Electric Drive with Constant Volt per Hertz Control. , 2021, , .		2
5	Design and Analysis of a New Multilevel Inverter with Reduced Number of Switching Devices. , 2021, , .		2
6	Open Circuit Fault Detection and Diagnosis for Seven-Level Hybrid Active Neutral Point Clamped (ANPC) Multilevel Inverter. , 2021, , .		2
7	A New Hybrid T-type Nested Neutral Point Clamped (NNPC) Multilevel Inverter with Improved Voltage Balancing Strategy. , 2020, , .		7
8	A Novel Three-phase Multilevel Inverter with Reduced Number of IGBTs, Developed for Drive Application. , 2020, , .		4
9	A new quasi-resonant switched capacitor multilevel inverter with the self-voltage balancing capability. International Transactions on Electrical Energy Systems, 2020, 30, e12478.	1.9	16
10	Fast Detection and Localization of Open-Circuit Switch Faults in Nested Neutral Point Clamped (NNPC) Inverter. , 2020, , .		5
11	Voltage source boost multilevel inverter with high modularity: circuit configuration and modulation. IET Power Electronics, 2020, 13, 4336-4347.	2.1	7
12	Design of a New Single-Phase Multilevel Voltage Source Inverter Based on Series Connection of Basic Units. , 2019, , .		6
13	Study and Analysis of a Novel Three-Phase Hybrid Cascaded Multilevel Inverter with Less Number of Power Electronic Switches. , 2019, , .		6
14	A Single Source Switched-Capacitor Inverter with Boosting Capability. International Journal of Electronics, 0, , 1-23.	1.4	0