

Shakil Ahamed Khan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Novel Generalized Common-Ground Switched-Capacitor Multilevel Inverter Suitable for Transformerless Grid-Connected Applications. IEEE Transactions on Power Electronics, 2021, 36, 10293-10306.	7.9	73
2	A New Isolated Multi-Port Converter With Multi-Directional Power Flow Capabilities for Smart Electric Vehicle Charging Stations. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.7	61
3	Design, Control, and Analysis of a Novel Grid-Interfaced Switched-Boost Dual T-Type Five-Level Inverter With Common-Ground Concept. IEEE Transactions on Industrial Electronics, 2021, 68, 8193-8206.	7.9	44
4	A Common Grounded Type Dual-Mode Five-Level Transformerless Inverter for Photovoltaic Applications. IEEE Transactions on Industrial Electronics, 2021, 68, 9742-9754.	7.9	43
5	Model Predictive Observer Based Control for Single-Phase Asymmetrical T-Type AC/DC Power Converter. IEEE Transactions on Industry Applications, 2019, 55, 2033-2044.	4.9	27
6	Implementation and Analysis of a Novel Switched-Boost Common-Ground Five-Level Inverter Modulated With Model Predictive Control Strategy. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 731-744.	5.4	25
7	A Disturbance Rejection-Based Control Strategy for Five-Level T-Type Hybrid Power Converters With Ripple Voltage Estimation Capability. IEEE Transactions on Industrial Electronics, 2020, 67, 7364-7374.	7.9	16
8	A Common Ground-type Single-Phase Dual Mode Five-Level Switched-Capacitor Transformerless Inverter. , 2020, , .		9
9	An Amorphous Alloy Magnetic-Bus-Based SiC NPC Converter With Inherent Voltage Balancing for Grid-Connected Renewable Energy Systems. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-8.	1.7	8
10	Topology, Modeling and Control Scheme for a new Seven-Level Inverter With Reduced DC-Link Voltage. IEEE Transactions on Energy Conversion, 2021, 36, 2734-2746.	5.2	8
11	Model Predictive Control without Weighting Factors for T-type Multilevel Inverters with Magnetic-Link and Series Stacked AC-DC Modules. , 2019, , .		3
12	A Least Mean Square Algorithm Based Single-Phase Grid Voltage Parameters Estimation Method. , 2019, , .		2
13	Model predictive control applied to a single phase seven-level active rectifier. , 2017, , .		1
14	Model Predictive Control of Seven-Level Single-Phase Boost Inverter without weighting factor for Grid-Tied Photovoltaic Applications. , 2020, , .		1
15	A novel five-level switched capacitor type inverter topology for grid-tied photovoltaic application. , 2020, , .		0