

Javed Ahmad

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Analysis of a New Tripled Boost High Voltage Gain $\langle \text{sc} \rangle \text{DC} \langle / \text{sc} \rangle / \langle \text{sc} \rangle \text{DC} \langle / \text{sc} \rangle$ Converter With Continuous Input Current. IEEJ Transactions on Electrical and Electronic Engineering, 2022, 17, 532-538.	1.4	1
2	A Novel VFVDC Optimized Full Bridge Inverter Control Strategy for Independent Solar Power Systems. IEEE Access, 2022, 10, 44231-44247.	4.2	2
3	Finite-Time Adaptive Sliding Mode Control of a Power Converter Under Multiple Uncertainties. Frontiers in Energy Research, 2022, 10, .	2.3	8
4	Performance Analysis and Hardware-in-the-Loop (HIL) Validation of Single Switch High Voltage Gain DC-DC Converters for MPP Tracking in Solar PV System. IEEE Access, 2021, 9, 48811-48830.	4.2	29
5	A transformerless high gain $\langle \text{sc} \rangle \text{dc} \langle / \text{sc} \rangle$ boost converter with reduced voltage stress. International Transactions on Electrical Energy Systems, 2021, 31, e12877.	1.9	35
6	A New High-Gain DC-DC Converter with Continuous Input Current for DC Microgrid Applications. Energies, 2021, 14, 2629.	3.1	28
7	A Family of Transformerless Quadratic Boost High Gain DC-DC Converters. Energies, 2021, 14, 4372.	3.1	21
8	Chaos Induced Coyote Algorithm (CICA) for Extracting the Parameters in a Single, Double, and Three Diode Model of a Mono-Crystalline, Polycrystalline, and a Thin-Film Solar PV Cell. Electronics (Switzerland), 2021, 10, 2094.	3.1	6
9	A high gain noninverting DC $\langle \text{sc} \rangle \text{DC} \langle / \text{sc} \rangle$ converter with low voltage stress for industrial applications. International Journal of Circuit Theory and Applications, 2021, 49, 4212-4230.	2.0	35
10	A Non-Inverting High Gain DC-DC Converter With Continuous Input Current. IEEE Access, 2021, 9, 54710-54721.	4.2	46
11	A New Transformerless Ultra High Gain DC $\langle \text{sc} \rangle \text{DC} \langle / \text{sc} \rangle$ Converter for DC Microgrid Application. IEEE Access, 2021, 9, 124560-124582.	4.2	46
12	A High Step-up DC-DC Converter Based on the Voltage Lift Technique for Renewable Energy Applications. Sustainability, 2021, 13, 11059.	3.2	14
13	A Positive Output Step Up Boost Converter for Renewable Energy Applications. , 2021, , .		2
14	A Transformerless Switched-Capacitor Switched-Inductor High Gain DC-DC Converter. , 2021, , .		2
15	A Single Input Dual Output High Gain DC-DC Converter With Reduced Voltage Stress. , 2021, , .		0
16	A Voltage Multiplier Circuit Based Quadratic Boost Converter for Energy Storage Application. Applied Sciences (Switzerland), 2020, 10, 8254.	2.5	12
17	A New Transformerless Quadratic Boost Converter with High Voltage Gain. Smart Science, 2020, 8, 163-183.	3.2	25
18	A New High Voltage Gain DC to DC Converter with Low Voltage Stress for Energy Storage System Application. Electronics (Switzerland), 2020, 9, 2067.	3.1	9

#	ARTICLE	IF	CITATIONS
19	Performance evaluation of a hybrid solar PV system with reduced emission designed for residential load in subtropical region. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2020, , 1-23.	2.3	3
20	Realization of a Generalized Switched-Capacitor Multilevel Inverter Topology with Less Switch Requirement. Energies, 2020, 13, 1556.	3.1	14
21	A Transformerless Quadratic Boost High Gain DC-DC Converter. , 2020, , .		9
22	A Single Switch High Gain DC-DC converter with Reduced Voltage Stress. , 2020, , .		11