

Mohammad Zaid

List of Publications by Year in descending order

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271
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#	ARTICLE	IF	CITATIONS
1	Preliminary Study to Understand the Effect of Impact Loading and Rock Weathering in Tunnel Constructed in Quartzite. <i>Geotechnical and Geological Engineering</i> , 2024, 42, 725-753.	0.8	15
2	Rock Tunnel Performance Under Blast Loading Through Finite Element Analysis. <i>Geotechnical and Geological Engineering</i> , 2022, 40, 35-56.	0.8	26
3	Blast Resistant Analysis of Rock Tunnel Using Abaqus: Effect of Weathering. <i>Geotechnical and Geological Engineering</i> , 2022, 40, 809-832.	0.8	20
4	A non-isolated quasi-Z-source based high-gain DC-DC converter. <i>International Journal of Circuit Theory and Applications</i> , 2022, 50, 653-682.	1.3	25
5	Archimedes Optimization Algorithm Based Selective Harmonic Elimination in a Cascaded H-Bridge Multilevel Inverter. <i>Sustainability</i> , 2022, 14, 310.	1.6	15
6	Ultra high gain step up DC/DC converter based on switched inductor and improved voltage lift technique for high-voltage applications. <i>IET Power Electronics</i> , 2022, 15, 932-952.	1.5	14
7	A Nonisolated Transformerless High-Gain DC-DC Converter for Renewable Energy Applications. <i>Electronics (Switzerland)</i> , 2022, 11, 2014.	1.8	3
8	The response of rock tunnel when subjected to blast loading: Finite element analysis. <i>Engineering Reports</i> , 2021, 3, e12293.	0.9	25
9	Improvement of Voltage Stability Margin in a Radial Distribution System. <i>Lecture Notes in Electrical Engineering</i> , 2021, , 459-466.	0.3	0
10	Improved Dual Switch Non-Isolated High Gain Boost Converter for DC microgrid Application. , 2021, , .		27
11	A transformerless high gain $\langle \text{sc} \rangle \text{dc} \langle \text{dc} \rangle \langle \text{sc} \rangle$ boost converter with reduced voltage stress. <i>International Transactions on Electrical Energy Systems</i> , 2021, 31, e12877.	1.2	35
12	A New High-Gain DC-DC Converter with Continuous Input Current for DC Microgrid Applications. <i>Energies</i> , 2021, 14, 2629.	1.6	28
13	A Family of Transformerless Quadratic Boost High Gain DC-DC Converters. <i>Energies</i> , 2021, 14, 4372.	1.6	21
14	A Non-Inverting High Gain DC-DC Converter With Continuous Input Current. <i>IEEE Access</i> , 2021, 9, 54710-54721.	2.6	46
15	A New Transformerless Ultra High Gain DC-DC Converter for DC Microgrid Application. <i>IEEE Access</i> , 2021, 9, 124560-124582.	2.6	46
16	Implementation of a Novel Variable Structure Nearest Level Modulation on Cascaded H-Bridge Multilevel Inverter. <i>IEEE Access</i> , 2021, 9, 133974-133988.	2.6	5
17	Blast analysis of tunnels in Manhattan-Schist and Quartz-Schist using coupled-Eulerian-Lagrangian method. <i>Innovative Infrastructure Solutions</i> , 2021, 6, 1.	1.1	95
18	A $\langle \text{sc} \rangle \text{switched} \langle \text{capacitor} \rangle \langle \text{sc} \rangle$ multilevel inverter topology employing a novel variable structure nearest-level modulation. <i>International Transactions on Electrical Energy Systems</i> , 2021, 31, e13151.	1.2	11

#	ARTICLE	IF	CITATIONS
19	A High Step-up DC-DC Converter Based on the Voltage Lift Technique for Renewable Energy Applications. Sustainability, 2021, 13, 11059.	1.6	14
20	A Transformerless Switched-Capacitor Switched-Inductor High Gain DC-DC Converter. , 2021, , .		2
21	A Single Input Dual Output High Gain DC-DC Converter With Reduced Voltage Stress. , 2021, , .		0
22	A Non-Pulsating Input Current Step-Up DC/DC Converter With Common Ground Structure for Photovoltaic Applications. IEEE Access, 2021, 9, 159432-159446.	2.6	4
23	Optimal Placement of Reclosers in a Radial Distribution System for Reliability Improvement. Electronics (Switzerland), 2021, 10, 3182.	1.8	7
24	A Voltage Multiplier Circuit Based Quadratic Boost Converter for Energy Storage Application. Applied Sciences (Switzerland), 2020, 10, 8254.	1.3	12
25	A New Transformerless Quadratic Boost Converter with High Voltage Gain. Smart Science, 2020, 8, 163-183.	1.9	25
26	A New High Voltage Gain DC to DC Converter with Low Voltage Stress for Energy Storage System Application. Electronics (Switzerland), 2020, 9, 2067.	1.8	9
27	Realization of a Generalized Switched-Capacitor Multilevel Inverter Topology with Less Switch Requirement. Energies, 2020, 13, 1556.	1.6	14
28	A Switched Capacitor Multilevel Inverter with Self Voltage Balancing Capability. , 2020, , .		3
29	A New Optimal Automation Strategy with Profit-based Optimization Model. , 2020, , .		0
30	A Single Inductor, Single Switch High Gain DC-DC Boost Converter. , 2020, , .		6
31	A Transformerless Quadratic Boost High Gain DC-DC Converter. , 2020, , .		9
32	Reliability Enhancement of a Distribution System Using Genetic Algorithm. , 2020, , .		2
33	A Single Switch High Gain DC-DC converter with Reduced Voltage Stress. , 2020, , .		11
34	Feeder Automation based Strategy for Reliability Enhancement of Radial Distribution Systems. , 2019, , .		3
35	Comparative Performance Study of Five-Phase Induction Motor. , 2019, , .		3
36	Realization of an asymmetric Switched-Capacitor Multilevel Inverter using Nearest Level Control. , 2019, , .		4

#	ARTICLE	IF	CITATIONS
37	Optimal Allocation of Distributed Energy Resources in a Distribution System. , 2019, , .		1
38	A new model for optimal deployment of remote controlled switches in a radial distribution system using mixed-integer non-linear programming. , 2019, , .		0
39	Speed Control of PMSM Motor Using Fuzzy Logic Controller in Sensorless Mode with Back-EMF Detection. Advances in Intelligent Systems and Computing, 2019, , 439-447.	0.5	3
40	Power Loss Reduction in a Radial Distribution Network Using Distributed Generation. , 2018, , .		3
41	Optimal Placement of DG in Distribution System for Power Loss Minimization and Voltage Profile Improvement. , 2018, , .		10
42	Power Loss Minimization in a Radial Distribution System with Distributed Generation. , 2018, , .		21
43	Sensorless Control of Brushless DC Motor by Zero-Crossing Detection Pulse Generation with Adaptive Power Factor Control Technique. , 2018, , .		3
44	Design and application of RISC processor. , 2017, , .		3
45	Operation, analysis, and implementation of a reduced device count asymmetrical multilevel inverter. International Journal of Circuit Theory and Applications, 0, , .	1.3	1