

Kamran Zeb

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8000570/publications.pdf>

Version: 2024-02-01

40
papers

968
citations

586496

16
h-index

620720

26
g-index

40
all docs

40
docs citations

40
times ranked

967
citing authors

#	ARTICLE	IF	CITATIONS
1	Faults and Fault Ride Through strategies for grid-connected photovoltaic system: A comprehensive review. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 158, 112125.	8.2	24
2	Control of Transformerless Inverter-Based Two-Stage Grid-Connected Photovoltaic System Using Adaptive-PI and Adaptive Sliding Mode Controllers. <i>Energies</i> , 2021, 14, 2546.	1.6	11
3	Control Strategy Based on Arm-Level Control for Output and Circulating Current of MMC in Stationary Reference Frame. <i>Energies</i> , 2021, 14, 4160.	1.6	6
4	High-performance and Multi-functional Control of Transformerless Single-phase Smart Inverter for Grid-connected PV System. <i>Journal of Modern Power Systems and Clean Energy</i> , 2021, 9, 1386-1394.	3.3	8
5	A Comprehensive Review of DC-DC Converter Topologies and Modulation Strategies with Recent Advances in Solar Photovoltaic Systems. <i>Electronics (Switzerland)</i> , 2020, 9, 31.	1.8	111
6	A Comprehensive Review of Li-Ion Battery Materials and Their Recycling Techniques. <i>Electronics (Switzerland)</i> , 2020, 9, 1161.	1.8	111
7	Highly Accurate Digital Current Controllers for Single-Phase LCL-Filtered Grid-Connected Inverters. <i>Electricity</i> , 2020, 1, 12-36.	1.4	13
8	Design of Super Twisting Sliding Mode Controller for a Three-Phase Grid-connected Photovoltaic System under Normal and Abnormal Conditions. <i>Energies</i> , 2020, 13, 3773.	1.6	20
9	Robust Control Design for DFIG based Wind Turbine under Voltage Sags. , 2020, , .		2
10	Super twisting sliding mode control for inner current suppression of Modular Multilevel Converter. , 2020, , .		1
11	Effect of Modulation Techniques on Capacitor Voltage of Modular Multilevel Converter. , 2020, , .		1
12	Design of Fuzzy-PI and Fuzzy-Sliding Mode Controllers for Single-Phase Two-Stages Grid-Connected Transformerless Photovoltaic Inverter. <i>Electronics (Switzerland)</i> , 2019, 8, 520.	1.8	58
13	Design of Robust Fuzzy Logic Controller Based on the Levenberg Marquardt Algorithm and Fault Ride Trough Strategies for a Grid-Connected PV System. <i>Electronics (Switzerland)</i> , 2019, 8, 429.	1.8	16
14	Control of Internal Dynamics of Grid-Connected Modular Multilevel Converter Using an Integral Backstepping Controller. <i>Electronics (Switzerland)</i> , 2019, 8, 456.	1.8	9
15	Active and Reactive Power Control of Modular Multilevel Converter Using Sliding Mode Controller. , 2019, , .		8
16	Healthcare Monitoring System and transforming Monitored data into Real time Clinical Feedback based on IoT using Raspberry Pi. , 2019, , .		12
17	Adaptive Fuzzy Logic Controller for Indirect Field Oriented Controlled Induction Motor. , 2019, , .		1
18	A New Adaptive Approach to Control Circulating and Output Current of Modular Multilevel Converter. <i>Energies</i> , 2019, 12, 1118.	1.6	16

#	ARTICLE	IF	CITATIONS
19	Dynamic Modeling and Robust Controllers Design for Doubly Fed Induction Generator-Based Wind Turbines under Unbalanced Grid Fault Conditions. <i>Energies</i> , 2019, 12, 454.	1.6	21
20	Design of Adaptive Sliding Mode Controller for Single-Phase Grid-Tied PV System. , 2019, , .		0
21	Output Current Control of Modular MultiLevel Converter Using BackStepping Controller. , 2019, , .		4
22	DC-link Voltage Regulation of Single-Phase Grid- Tied PV System using Fuzzy-PI Controller. , 2019, , .		2
23	Control of Output and Circulating Current of Modular Multilevel Converter Using a Sliding Mode Approach. <i>Energies</i> , 2019, 12, 4084.	1.6	28
24	A Neural Network-Based Model Reference Control Architecture for Oscillation Damping in Interconnected Power System. <i>Energies</i> , 2019, 12, 3653.	1.6	5
25	Designing a Second Order Generalized Integrator Digital Phase Locked Loop based on a Frequency Response Approach. , 2019, , .		4
26	An Optimized Off-grid Renewable AC/DC Microgrid for Remote Communities of Pakistan. , 2019, , .		3
27	Hardware-based hybrid scheme to improve the fault ride through capability of doubly fed induction generator under symmetrical and asymmetrical fault. <i>IET Generation, Transmission and Distribution</i> , 2018, 12, 200-206.	1.4	26
28	Robust speed regulation of indirect vector control induction motor using fuzzy logic controllers based on optimization algorithms. <i>Electrical Engineering</i> , 2018, 100, 787-802.	1.2	21
29	Enhancing the active and reactive Power quality of Doubly Fed Induction Generator using Adaptive PI Controller. , 2018, , .		0
30	Dynamic Simulations of Adaptive Design Approaches to Control the Speed of an Induction Machine Considering Parameter Uncertainties and External Perturbations. <i>Energies</i> , 2018, 11, 2339.	1.6	15
31	An Overview of Transformerless Inverters for Grid Connected Photovoltaic System. , 2018, , .		9
32	Design of a Proportional Resonant Controller with Resonant Harmonic Compensator and Fault Ride Trough Strategies for a Grid-Connected Photovoltaic System. <i>Electronics (Switzerland)</i> , 2018, 7, 451.	1.8	26
33	Design of a Building-Integrated Photovoltaic System with a Novel Bi-Reflector PV System (BRPVS) and Optimal Control Mechanism: An Experimental Study. <i>Electronics (Switzerland)</i> , 2018, 7, 119.	1.8	13
34	A Review on Recent Advances and Future Trends of Transformerless Inverter Structures for Single-Phase Grid-Connected Photovoltaic Systems. <i>Energies</i> , 2018, 11, 1968.	1.6	51
35	A Novel Supercapacitor/Lithium-Ion Hybrid Energy System with a Fuzzy Logic-Controlled Fast Charging and Intelligent Energy Management System. <i>Electronics (Switzerland)</i> , 2018, 7, 63.	1.8	39
36	A Novel Off-Grid Optimal Hybrid Energy System for Rural Electrification of Tanzania Using a Closed Loop Cooled Solar System. <i>Energies</i> , 2018, 11, 905.	1.6	20

#	ARTICLE	IF	CITATIONS
37	Digital Soft Start Implementation for Minimizing Start Up Transients in High Power DAB-IBDC Converter. <i>Energies</i> , 2018, 11, 956.	1.6	14
38	A comprehensive review on inverter topologies and control strategies for grid connected photovoltaic system. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 94, 1120-1141.	8.2	197
39	Indirect field-oriented control of induction motor drive based on adaptive fuzzy logic controller. <i>Electrical Engineering</i> , 2017, 99, 803-815.	1.2	38
40	A comparative assessment of scalar controlled induction motor using PI, adaptive sliding mode, and FLC based on SD controllers. , 2017, , .		4