

Ivan M TodoroviÄ

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

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2258059

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23
times ranked

58
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Broken Rotor Bars in a Cage Induction Machine Using DC Injection Braking. IEEE Access, 2022, 10, 49585-49598.	4.2	3
2	Unbalanced voltages mitigation using the maximized and flexible grid-connected inverter voltage support functionality. Electric Power Systems Research, 2021, 192, 106926.	3.6	1
3	Power production strategies for two-stage PV systems during grid faults. Solar Energy, 2021, 221, 30-45.	6.1	4
4	Integrated Framework for Development, Emulation, and Testing of High-Level Converter Control Functions for Distributed Generation Sources. IEEE Access, 2021, 9, 145852-145865.	4.2	1
5	Advances in Distributed Generation Source Digital Twins Design. Environmental Sciences Proceedings, 2021, 11, 2.	0.3	0
6	Extensive technique for grid-connected converter power generation maximisation during asymmetrical grid voltages. IET Renewable Power Generation, 2020, 14, 759-770.	3.1	6
7	Multiobjective Feasibility Analysis of Emerging Smart Grid Technologies and Concepts. , 2020, , .		0
8	Grid-connected Converter PCC Voltage Control During Grid Disturbances. , 2019, , .		0
9	Enabling Different GCC Functionalities During Nominal and Subnominal Grid Conditions. , 2019, , .		0
10	Multi-phase Induction Machine Speed Estimation Method Using Rotor Slot Harmonics. , 2019, , .		1
11	Two-stage PV Converter Power Production Management During Grid Disturbances. , 2019, , .		3
12	Enabling Grid Voltage Support Using the Electric Vehicles' Storage. , 2019, , .		2
13	GCC Power Production Management Enabling PCC Voltages Control. , 2019, , .		0
14	Assessment of GCCs' synchronization units under various grid voltage conditions. , 2018, , .		0
15	Grid-connected converter active and reactive power production maximization with respect to current limitations during grid faults. International Journal of Electrical Power and Energy Systems, 2018, 101, 311-322.	5.5	23
16	Improved Phase-Locked Loop Algorithm for Synchronization Under Grid Faults. , 2018, , .		1
17	Control Strategy for Two-Stage Photovoltaic Power Converter During Simultaneous Grid Faults and Irradiance Change. , 2018, , .		3
18	Application of Phase-Locked Loop in Sensorless SynRM Drives. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
19	Safe Reactive Power Production Schemes For the Grid-Connected Converters Affected by the Voltage Unbalances. , 2018, , .		0
20	Power Production Maximization Schemes for Grid-Connected Converters - Case Study: Local Distribution Network Under Unbalanced Voltages. , 2018, , .		0
21	High gain bidirectional multiport DC to DC converter for DC microgrid. , 2017, , .		2
22	Sensorless control of synchronous reluctance drive based on extended back electromotive force model. , 2016, , .		1
23	Fault ride-through capability of wind turbine connected to the grid in case of unbalanced voltages. Thermal Science, 2016, 20, 495-512.	1.1	1