

Mojtaba Nasiri

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

762
citations

840728

11
h-index

940516

16
g-index

26
all docs

26
docs citations

26
times ranked

662
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling, analysis and comparison of TSR and OTC methods for MPPT and power smoothing in permanent magnet synchronous generator-based wind turbines. <i>Energy Conversion and Management</i> , 2014, 86, 892-900.	9.2	182
2	A review of low-voltage ride-through enhancement methods for permanent magnet synchronous generator based wind turbines. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 47, 399-415.	16.4	171
3	Peak Current Limitation for Grid Side Inverter by Limited Active Power in PMSG-Based Wind Turbines During Different Grid Faults. <i>IEEE Transactions on Sustainable Energy</i> , 2017, 8, 3-12.	8.8	104
4	Improved Hybrid Switched Inductor/Switched Capacitor DC-DC Converters. <i>IEEE Transactions on Power Electronics</i> , 2021, 36, 3053-3062.	7.9	70
5	Super-Twisting Sliding Mode Control for Gearless PMSG-Based Wind Turbine. <i>Complexity</i> , 2019, 2019, 1-15.	1.6	56
6	Sliding Mode Controller-Based BFCL for Fault Ride-Through Performance Enhancement of DFIG-Based Wind Turbines. <i>Complexity</i> , 2020, 2020, 1-12.	1.6	27
7	Robust control scheme for the braking chopper of PMSG-based wind turbines—A comparative assessment. <i>International Journal of Electrical Power and Energy Systems</i> , 2022, 134, 107322.	5.5	23
8	Application of multi-step bridge-type fault current limiter for fault ride-through capability enhancement of permanent magnet synchronous generator-based wind turbines. <i>International Transactions on Electrical Energy Systems</i> , 2020, 30, e12611.	1.9	21
9	Optimized Fuzzy Controller Based on Cuckoo Optimization Algorithm for Maximum Power-Point Tracking of Photovoltaic Systems. <i>IEEE Access</i> , 2022, 10, 71699-71716.	4.2	20
10	Robust Control of PMSG-based Wind Turbine under Grid Fault Conditions. <i>Indian Journal of Science and Technology</i> , 2015, 8, .	0.7	16
11	Small-Signal Modeling of PMSG-Based Wind Turbine for Low Voltage Ride-Through and Artificial Intelligent Studies. <i>Energies</i> , 2020, 13, 6685.	3.1	13
12	LVRT Operation Enhancement of Single-Stage Photovoltaic Power Plants: An Analytical Approach. <i>IEEE Transactions on Smart Grid</i> , 2021, 12, 5020-5029.	9.0	12
13	A simple and effective grid-supporting low voltage ride-through scheme for single-stage photovoltaic power plants. <i>Solar Energy</i> , 2022, 232, 248-262.	6.1	10
14	Current limitation for the machine side converter of permanent magnet synchronous generator wind turbines during grid faults. <i>IET Renewable Power Generation</i> , 2020, 14, 3448-3456.	3.1	8
15	Parallel and series harmonic resonance prevention by anti-resonance hybrid capacitor system for power factor correction. , 2010, , .		7
16	Low Voltage Ride Through Enhancement in PMSG-based Wind Turbines using De-loading Droop. , 2020, , .		5
17	Optimal Capacitor Allocation in Sub-Transmission Networks to Mitigate Overloading Considering Harmonic Resonance. , 2020, , .		4
18	Protection of Sensitive Loads in Distribution Systems Using a BSFCL-DVR System. <i>Sensors</i> , 2021, 21, 1615.	3.8	4

#	ARTICLE	IF	CITATIONS
19	Impact of Input Capacitors in Boost Converters on Stability and Maximum Power Point Tracking in PV systems. , 2021, , .		4
20	Modelling Optimal PV System Sizing for Zero Energy Buildings. , 2021, , .		2
21	New method for resonance elimination in capacitor banks. , 2010, , .		1
22	Diagnosis and Fault-Tolerant Control of Six-Phase Wind Turbine under Multiple Open-Switch Faults. Mathematical Problems in Engineering, 2021, 2021, 1-16.	1.1	1
23	Evaluating one of renewable electricity generation technologies: PEM Fuel Cells. , 2010, , .		0
24	Nonlinear Variable Resistor-Based FCL for Fault Ride-Through Performance Enhancement of DFIG-Based Wind Turbines. Mathematical Problems in Engineering, 2021, 2021, 1-10.	1.1	0
25	Comparison of Multicarrier PWM Strategies for Five-level Z-Source Diode-Clamped Inverter for On-Grid Renewable Energies Applications. Renewable Energy and Power Quality Journal, 0, , 208-212.	0.2	0