

Reza Ghandehari

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

254
citations

1478505

6
h-index

1372567

10
g-index

23
all docs

23
docs citations

23
times ranked

220
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of the Sudoku based reconfiguration technique for PV arrays power enhancement under mutual shading conditions. Solar Energy, 2018, 159, 1037-1046.	6.1	103
2	Optimal fixed reconfiguration scheme for PV arrays power enhancement under mutual shading conditions. IET Renewable Power Generation, 2017, 11, 1456-1463.	3.1	41
3	A Comprehensive Analysis on the Healthy and Faulty Two Types VR-Resolvers With Eccentricity and Inter-Turn Faults. IEEE Transactions on Energy Conversion, 2021, 36, 3502-3511.	5.2	24
4	Performance Analysis of a New Type PM-Resolver in Healthy and Eccentric Cases by an Improved Parametric MEC Method. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	23
5	Evaluating Voltage Notch Problems Arising from AC/DC Converter Operation. IEEE Transactions on Power Electronics, 2009, 24, 2111-2119.	7.9	20
6	Comprehensive Analysis on a New Type VR-Resolver With Toroidal Windings Under Healthy and Eccentric Cases. IEEE Transactions on Industrial Electronics, 2022, 69, 13754-13762.	7.9	11
7	A comparative study of AC/DC converters used in high current applications. , 2011, , .		6
8	Performance improvement of DPC in DFIGs during unbalanced grid voltage based on extended power theory. Ain Shams Engineering Journal, 2021, 12, 1775-1786.	6.1	5
9	Voltage Unbalance Compensation Based on Optimal Current Injection by SSTs. IEEE Transactions on Industrial Electronics, 2021, 68, 10369-10377.	7.9	5
10	Comparison and simulation of rotor flux estimators in stationary and rotating reference frame in the vector control of induction motors for low-speed applications. , 2013, , .		4
11	A novel structure for parallel hybrid active power filters with series resonant circuits. , 2014, , .		3
12	Harmonic analyzing of wind farm based on harmonic modeling of power system components. , 2012, , .		2
13	Fuzzy pitch angle control of wind hybrid turbine: To power quality improvement. , 2013, , .		2
14	Modeling and dynamic response of double-feed induction generator and back-to-back converters in unbalanced grid voltage conditions. Wind Engineering, 2020, 44, 361-372.	1.9	2
15	Using Virtual Voltage Vectors in Predictive Control of Three-Phase Inverters for Fixing Common-Mode Voltage. , 2020, , .		2
16	Flexible control for power sharing in the CHB-based SST under voltage unbalance conditions. IET Power Electronics, 2021, 14, 1936-1945.	2.1	1
17	Presentation of a Modern Method in Teaching Modeling and Converting PWM Switches of DC-DC Converter. Procedia, Social and Behavioral Sciences, 2012, 47, 515-522.	0.5	0
18	FULL MODELLING AND SIMULATION OF FUEL-CELL/BATTERY HYBRID VEHICLE AND POWER MANAGEMENT CONTROLLER DESIGN. International Journal of Modelling and Simulation, 2013, 33, .	3.3	0

#	ARTICLE	IF	CITATIONS
19	A method for detecting the rotor electromagnetic flow of double fed induction generator. , 2017, , .		0
20	Training on the Comprehensive and Practical Designing Process of Power Electronic Converters. , 2020, , .		0
21	Reduction of electromagnetic torque oscillations of DFIG based on DPC under unbalanced grid voltage condition. , 2020, , .		0
22	Power recovery of the PV arrays under partial shading by a power electronic compensator. Solar Energy, 2022, 237, 284-292.	6.1	0