Hossein Salehfar

List of Publications by Year
in descending order

| 27 papers | 240 citations | 2148532 4 h-index | 2501632 4 g-index |

| 27 all docs | 27 docs citations | 27 times ranked | 228 citing authors |

#	Article	IF	Citations
1	Semiempirical Model for Determining PEM Electrolyzer Stack Characteristics. Journal of Fuel Cell Science and Technology, 2006, 3, 220-223.	0.8	59
2	Short-term load forecasting using deep neural networks (DNN). , 2017, , .		40
3	A Multi-Stage Price Forecasting Model for Day-Ahead Electricity Markets. Forecasting, 2019, 1, 26-46.	1.6	28
4	Frequency Control in Microgrid Communities Using Neural Networks. , 2019, , .		21
5	Performance Analysis of Short and Mid-Term Wind Power Prediction using ARIMA and Hybrid Models. , 2021, , .		16
6	FPGA-based combined PWM-PFM technique to control DC-DC converters. , 2010, , .		13
7	Uncertainty quantification of wind penetration and integration into smart grid: A survey. , 2017, , .		10
8	Preventive Maintenance Scheduling Based on Short Circuit and Overload Currents. IEEE Transactions on Smart Grid, 2015, 6, 1740-1747.	6.2	8
9	Risk-based Classical Failure Mode and Effect Analysis (FMEA) of Microgrid Cyber-physical Energy Systems. , 2021, , .		8
10	Transient Energy Efficiency Analysis of Field Oriented Induction Machines. IEEE Access, 2017, 5, 20545-20556.	2.6	7
11	Transient loss minimization in induction machine drives using optimal control theory. , 2015, , .		6
12	Energy Management System for Interconnected Microgrids using Alternating Direction Method of Multipliers (ADMM). , 2018, , .		5
13	Optimal location and sizing of distributed generators in distribution networks. , 2013, , .		3
14	Evaluating the transient stability impact of inertia less renewable generation. , 2016, , .		3
15	Sub kW Wind Turbine Emulator (WTE). , 2016, , .		3
16	Comprehensive reliability modeling of grid-tied microgrids using Fault Tree Analysis. , 2021, , .		3
17	A novel pulse shift modulation technique for controlling DC-DC converters. , 2010, , .		2
18	Limiting fault currents in wind power plants using superconductive shielded core reactors. , 2008, , .		1

#	Article	IF	Citations
19	The use of a fuzzy logic algorithm to integrate renewable energy sources. , 2011, , .		1
20	Synchrophasor technology: Applications and benefits over conventional measurement. , 2015, , .		1
21	Electric Circuit Theory Based Minimal Cut-Set Realization for Reliability Evaluation of Non-Directional Networks. , 2018, , .		1
22	Impact of Power System Protection and Fault Current Limiters on Component Failure Rates. , 2018, , .		1
23	A utility control panel for demand response planning. , 2013, , .		0
24	Equitable wind power scheduling in power system with multiple wind farms. , 2015, , .		0
25	PV Penetration Optimization with WAM Smart Inverters through Reduction of Power System Distribution Losses. , 2019, , .		0
26	Low-Frequency AC Transmission Topology and Reliability Analysis. , 2021, , .		0
27	Reliability Assessment of Switching Substations Using Superconductive Fault Current Limiters. , 2021, , .		0