

Ali Arzani

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

135
citations

1683934

5
h-index

1719901

7
g-index

17
all docs

17
docs citations

17
times ranked

88
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust control scheme for the braking chopper of PMSG-based wind turbinesâ€“A comparative assessment. International Journal of Electrical Power and Energy Systems, 2022, 134, 107322.	3.3	23
2	Development of Optimal PI Controllers for a Grid-Tied Photovoltaic Inverter. , 2015, , .		22
3	Computational approach to enhance performance of photovoltaic system inverters interfaced to utility grids. IET Renewable Power Generation, 2018, 12, 112-124.	1.7	17
4	LVRT Operation Enhancement of Single-Stage Photovoltaic Power Plants: An Analytical Approach. IEEE Transactions on Smart Grid, 2021, 12, 5020-5029.	6.2	12
5	A simple and effective grid-supporting low voltage ride-through scheme for single-stage photovoltaic power plants. Solar Energy, 2022, 232, 248-262.	2.9	10
6	Available transfer capability enhancement using series FACTS devices in a designed multi-machine power system. , 2008, , .		9
7	System Design, Economic Analysis and Operation Strategy of a Campus Microgrid. , 2018, , .		8
8	Current limitation for the machine side converter of permanent magnet synchronous generator wind turbines during grid faults. IET Renewable Power Generation, 2020, 14, 3448-3456.	1.7	8
9	Wide-Area Situational Awareness based Power System Stabilizer Tuning with Utility Scale PV Integration. , 2018, , .		5
10	Situational awareness of coherency behavior of synchronous generators in a power system with utility-scale photovoltaics. Electric Power Systems Research, 2019, 172, 38-49.	2.1	5
11	Dynamic performance enhancement of a utility-scale solar PV plant. , 2016, , .		4
12	Impact of Solar Eclipse on Utility Grid Operations. , 2018, , .		3
13	Integration of SmartParks in a Power System with Utility-Scale PV Plant. , 2018, , .		3
14	Distributed voltage control for distribution feeder with photovoltaic systems. , 2018, , .		2
15	A Neural Network Approach to Adaptive Inference of Frequency Droop Curves in Power Systems with Solar PV Plants. , 2021, , .		2
16	An empirical approach to frequency droop characterization from utilityâ€™scale photovoltaic plants operation in a power system. IET Generation, Transmission and Distribution, 2021, 15, 1539-1551.	1.4	2
17	Stochastic Subspace Identification Validation of PV Inverter Operation Improvement with Optimallyâ€™Tuned Controllers. , 2018, , .		0