Seyed Fariborz Zarei

List of Publications by Year
in descending order

14 papers	331 citations	1478505 6 h-index	1474206 9 g-index
14 all docs	14 docs citations	14 times ranked	299 citing authors

#	Article	IF	Citations
1	DC-system grounding: Existing strategies, performance analysis, functional characteristics, technical challenges, and selection criteria - a review. Electric Power Systems Research, 2022, 206, 107769.	3.6	5
2	The Impact of Sun Tracking on the Reliability of Solar Inverters. , 2022, , .		1
3	Fault Detection and Protection Strategy for Islanded Inverter-Based Microgrids. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 472-484.	5.4	55
4	A Simplified Frequency Model for Industrial Common-Mode Chocks Used in High-Power Converters. Journal of Electromagnetic Engineering and Science, 2021, 21, 15-22.	1.8	0
5	A Theoretical Concept of Decoupled Current Control Scheme for Grid-Connected Inverter with L-C-L Filter. Applied Sciences (Switzerland), 2021, 11, 6256.	2.5	6
6	Protection of active distribution networks with conventional and inverter-based distributed generators. International Journal of Electrical Power and Energy Systems, 2021, 129, 106746.	5.5	14
7	Current limiting strategy for grid-connected inverters under asymmetrical short circuit faults. International Journal of Electrical Power and Energy Systems, 2021, 131, 107020.	5.5	7
8	A Fault Detection Scheme for Islanded-Microgrid with Grid-Forming Inverters. , 2021, , .		1
9	Control of Grid-Following Inverters Under Unbalanced Grid Conditions. IEEE Transactions on Energy Conversion, 2020, 35, 184-192.	5.2	56
10	A Decentralized Frequency Regulation Scheme in AC Microgrids. , 2020, , .		0
11	Reinforcing Fault Ride Through Capability of Grid Forming Voltage Source Converters Using an Enhanced Voltage Control Scheme. IEEE Transactions on Power Delivery, 2019, 34, 1827-1842.	4.3	86
12	Performance Improvement of AC-DC Power Converters under Unbalanced Conditions. Scientia Iranica, 2019, .	0.4	10
13	Characterization of Proportional-Integral-Resonant Compensator for DC Link Voltage Control. , 2018, , .		5
14	A Comprehensive Digital Protection Scheme for Low-Voltage Microgrids with Inverter-Based and Conventional Distributed Generations. IEEE Transactions on Power Delivery, 2017, 32, 441-452.	4.3	85