

Hrishikesan V M

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

149
citations

1684188

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2053705

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18
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18
times ranked

69
citing authors

#	ARTICLE	IF	CITATIONS
1	An MVDC-Based Meshed Hybrid Microgrid Enabled Using Smart Transformers. IEEE Transactions on Industrial Electronics, 2022, 69, 3722-3731.	7.9	16
2	Single Phase Modular Multilevel Converter for Photovoltaic Application. , 2022, , .		0
3	Smart Transformer-Enabled Meshed Hybrid Distribution Grid. IEEE Transactions on Industrial Electronics, 2021, 68, 282-292.	7.9	52
4	Operation of Meshed Hybrid Microgrid During Adverse Grid Conditions With Storage Integrated Smart Transformer. IEEE Open Journal of the Industrial Electronics Society, 2021, 2, 315-325.	6.8	8
5	Operation and Control of Unified Power Quality Conditioner Enabled Meshed Hybrid Microgrid. , 2021, , .		3
6	Increasing Voltage Support Using Smart Power Converter Based Energy Storage System and Load Control. IEEE Transactions on Industrial Electronics, 2021, 68, 12364-12374.	7.9	15
7	Capacity Enhancement of a Radial Distribution Grid Using Smart Transformer. IEEE Access, 2020, 8, 72411-72423.	4.2	24
8	Smart Transformer Based Meshed Hybrid Microgrid with MVDC Interconnection. , 2020, , .		3
9	Control and Sizing of Two-Stage Smart Transformer in Meshed Hybrid Distribution Grid. , 2020, , .		1
10	BESS-PV Integrated Islanded Operation of ST-based Meshed Hybrid Microgrid. , 2020, , .		8
11	Voltage Control Using Smart Transformer for Increasing Photovoltaic Penetration in a Distribution Grid. , 2019, , .		2
12	Smart Transformer-based Hybrid LVAC and LVDC Interconnected Microgrid. , 2018, , .		3
13	A Flexible and Coordinated Voltage Control Strategy for Smart Transformer. , 2018, , .		3
14	Flexible Power Transfer in Smart Transformer Interconnected Microgrids. , 2018, , .		5
15	Voltage quality improvement in smart transformer integrated distribution grid. , 2017, , .		2
16	Power management in a ST integrated medium voltage grid. , 2017, , .		0
17	Performance of custom power devices in SCIG based Wind farms during abnormal grid conditions. , 2014, , .		2
18	Application of D-STATCOM in SCIG based windfarms during normal and abnormal grid conditions. , 2014, , .		2