

Manojkumar Rampelli

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Optimal Peak Shaving Control Using Dynamic Demand and Feed-In Limits for Grid-Connected PV Sources With Batteries. IEEE Systems Journal, 2021, 15, 5560-5570.	4.6	27
2	Voltage control using smart transformer via dynamic optimal setpoints and limit tolerance in a residential distribution network with PV sources. IET Generation, Transmission and Distribution, 2020, 14, 5143-5151.	2.5	15
3	Rule-Based Peak Shaving Using Master-Slave Level Optimization in a Diesel Generator Supplied Microgrid. IEEE Transactions on Power Systems, 2023, 38, 2177-2188.	6.5	11
4	Optimal Demand Response in a Residential PV Storage System Using Energy Pricing Limits. IEEE Transactions on Industrial Informatics, 2022, 18, 2497-2507.	11.3	8
5	Impact of Optimal Control of Distributed Generation Converters in Smart Transformer Based Meshed Hybrid Distribution Network. IEEE Access, 2021, 9, 140268-140280.	4.2	8
6	Power Loss Minimization in Smart Transformer Based Meshed Hybrid Distribution Network. , 2020, , .		7
7	Optimal Power Management for Islanded Operation of ST-based Meshed Hybrid LV Microgrid. , 2021, , .		4
8	Advantage of Unscented Kalman Filter Over Extended Kalman Filter in Dynamic State Estimation of Power System Network. , 2015, , .		3
9	Optimal Placement of Smart Transformer Low Voltage Converter in Meshed Hybrid Distribution Network. , 2021, , .		3
10	Voltage Control Using Smart Transformer for Increasing Photovoltaic Penetration in a Distribution Grid. , 2019, , .		2
11	Optimal Demand Response Using Dynamic Electricity Price Limit in a Hybrid AC/DC System. , 2020, , .		1