

Muhammed Y Worku

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Energy Storage Systems for Renewable Source Grid Integration: A Comprehensive Review. Sustainability, 2022, 14, 5985.	1.6	53
2	Real Time Energy Management and Control of Renewable Energy based Microgrid in Grid Connected and Island Modes. Energies, 2019, 12, 276.	1.6	48
3	An Efficient ANFIS-Based PI Controller for Maximum Power Point Tracking of PV Systems. Arabian Journal for Science and Engineering, 2015, 40, 2641-2651.	1.1	36
4	Grid-connected PV array with supercapacitor energy storage system for fault ride through. , 2015, , .		24
5	Islanding Detection Methods for Microgrids: A Comprehensive Review. Mathematics, 2021, 9, 3174.	1.1	22
6	Power fluctuation minimization in grid connected photovoltaic using supercapacitor energy storage system. Journal of Renewable and Sustainable Energy, 2016, 8, .	0.8	20
7	Fault Ride-Through and Power Smoothing Control of PMSG-Based Wind Generation Using Supercapacitor Energy Storage System. Arabian Journal for Science and Engineering, 2019, 44, 2067-2078.	1.7	19
8	Power Smoothing Control of PMSG Based Wind Generation Using Supercapacitor Energy Storage System. International Journal of Emerging Electric Power Systems, 2017, 18, .	0.6	15
9	Real Time-Based under Frequency Control and Energy Management of Microgrids. Electronics (Switzerland), 2020, 9, 1487.	1.8	13
10	PMSG based wind system for real-time maximum power generation and low voltage ride through. Journal of Renewable and Sustainable Energy, 2017, 9, 013304.	0.8	12
11	Power Management, Voltage Control and Grid Synchronization of Microgrids in Real Time. Arabian Journal for Science and Engineering, 2021, 46, 1411-1429.	1.7	11
12	Optimal Power Control of Inverter-Based Distributed Generations in Grid-Connected Microgrid. Sustainability, 2019, 11, 5828.	1.6	9
13	Optimal Design and Real Time Implementation of Autonomous Microgrid Including Active Load. Energies, 2018, 11, 1109.	1.6	7
14	Real-time implementation of grid-connected PV system with decoupled P-Q controllers. , 2014, , .		6
15	Dynamic Stability Performance of Autonomous Microgrid Involving High Penetration Level of Constant Power Loads. Mathematics, 2021, 9, 922.	1.1	6
16	Grid Connected PV System Using ANFIS Based MPPT Controller in Real Time. Renewable Energy and Power Quality Journal, 0, , 35-40.	0.2	5
17	Supercapacitor energy storage system for fault ride through in grid-connected PV array. , 2014, , .		3
18	Maximum Power Control of DFIG Based Grid Connected Wind Turbine Generator System. Renewable Energy and Power Quality Journal, 0, 1, 444-449.	0.2	0