

Koteswara Raju Dhenuvakonda

List of Publications by Year in descending order

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20
papers

446
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759233

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20
docs citations

20
times ranked

243
citing authors

#	ARTICLE	IF	CITATIONS
1	Intelligent demand side management for optimal energy scheduling of grid connected microgrids. Applied Energy, 2021, 285, 116435.	10.1	66
2	Recent trends in power management strategies for optimal operation of distributed energy resources in microgrids: A comprehensive review. International Journal of Energy Research, 2020, 44, 9889-9911.	4.5	65
3	Optimal Energy Management of Microgrids Using Quantum Teaching Learning Based Algorithm. IEEE Transactions on Smart Grid, 2021, 12, 4834-4842.	9.0	53
4	Impact of multiple demand side management programs on the optimal operation of grid-connected microgrids. Applied Energy, 2021, 301, 117466.	10.1	35
5	Analytic Hierarchy Process (AHP) – Swarm intelligence based flexible demand response management of grid-connected microgrid. Applied Energy, 2022, 306, 118058.	10.1	32
6	Mitigation of Subsynchronous Resonance with Fractional-order PI based UPFC controller. Mechanical Systems and Signal Processing, 2017, 85, 698-715.	8.0	31
7	A comprehensive review of soft computing algorithms for optimal generation scheduling. International Journal of Energy Research, 2021, 45, 1170-1189.	4.5	19
8	Optimal energy management of microgrids – integrated <scp>nonconvex</scp> distributed generating units with load dynamics. International Journal of Energy Research, 2021, 45, 18919-18934.	4.5	17
9	<scp>Customer-oriented</scp> energy demand management of grid connected microgrids. International Journal of Energy Research, 2021, 45, 18695-18712.	4.5	16
10	Study and Mitigation of Subsynchronous Oscillations with SSC Based SSSC. Journal of Power and Energy Engineering, 2015, 03, 33-43.	0.6	14
11	Effect of SSSC-based SSR controller on the performance of distance relay and adaptive approach using synchronized measurement. International Transactions on Electrical Energy Systems, 2018, 28, e2620.	1.9	13
12	Adaptive digital distance relay for SSSC-based double-circuit transmission line using phasor measurement unit. International Transactions on Electrical Energy Systems, 2019, 29, e2787.	1.9	13
13	Swarm intelligence-based energy management of electric vehicle charging station integrated with renewable energy sources. International Journal of Energy Research, 2022, 46, 21598-21618.	4.5	13
14	A swarm intelligence approach for energy management of <scp>grid-connected</scp> microgrids with flexible load demand response. International Journal of Energy Research, 2022, 46, 4301-4319.	4.5	12
15	Optimal day ahead energy consumption management in grid-connected microgrids. International Journal of Energy Research, 2022, 46, 1864-1881.	4.5	10
16	Fractional-order PI based STATCOM and UPFC controller to diminish subsynchronous resonance. SpringerPlus, 2016, 5, 1599.	1.2	9
17	An efficient transient stability-constrained optimal power flow using biogeography-based algorithm. International Transactions on Electrical Energy Systems, 2018, 28, e2467.	1.9	9
18	Improved Control Strategy for Subsynchronous Resonance Mitigation with Fractional-order PI Controller. International Journal of Emerging Electric Power Systems, 2016, 17, 683-692.	0.8	8

#	ARTICLE	IF	CITATIONS
19	An Approach to Wire-Wound Hall-Effect Based Current Sensor for Offset Reduction. IEEE Sensors Journal, 2022, 22, 2006-2015.	4.7	7
20	Demand response of grid-connected microgrid based on metaheuristic optimization algorithm. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-22.	2.3	4