

Ramesh Babu Muthu

List of Publications by Year in descending order

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25
papers

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all docs

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docs citations

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times ranked

188
citing authors

#	ARTICLE	IF	CITATIONS
1	An Exhaustive Solution of Power System Unit Commitment Problem Using Enhanced Binary Salp Swarm Optimization Algorithm. Journal of Electrical Engineering and Technology, 2022, 17, 395-413.	2.0	4
2	An Intelligent Power Management Technique for a Cuk-Luo Fused Converter Based Solar-Wind-Battery System Fed Base Transceiver Station Using Embedded Controller. Journal of Electrical Engineering and Technology, 2022, 17, 2237-2249.	2.0	1
3	Simultaneous Reconfiguration and Optimal Capacitor Placement Using Adaptive Whale Optimization Algorithm for Radial Distribution System. Journal of Electrical Engineering and Technology, 2021, 16, 181-190.	2.0	15
4	Performance Study of MPPT Algorithms of DC-DC Boost Converters For PV Cell Applications. , 2021, , .		6
5	Solving Optimal Power Flow Problems Using Adaptive Quasi-Oppositional Differential Migrated Biogeography-Based Optimization. Journal of Electrical Engineering and Technology, 2021, 16, 1891-1903.	2.0	10
6	PV Module Integrated Dual Boost Three-Port dc-dc Converterâ€“Fed T-Type Multilevel Inverter for Shunt Active Power Filters. Journal of Testing and Evaluation, 2021, 49, 3665-3684.	0.7	2
7	Fuzzy-C Means Clustering Based ANFIS wind speed forecast. , 2020, , .		1
8	LP based solution for Security Constrained Optimal Power Flow including Power Routers. WSEAS Transactions on Power Systems, 2020, 15, 30-40.	0.4	1
9	Optimal volt/var control of distribution system using MOPSO. Indonesian Journal of Electrical Engineering and Computer Science, 2019, 16, 1088.	0.8	1
10	Gravitational search algorithm based approach for optimal reactive power dispatch. , 2016, , .		7
11	LP based solution for Security Constrained Optimal Power Flow. , 2016, , .		5
12	Irradiation effects on ammonium penta borate (APB) single crystals. IOP Conference Series: Materials Science and Engineering, 2015, 73, 012043.	0.6	0
13	Hybrid Particle Swarm Optimization Algorithm and Firefly Algorithm Based Combined Economic and Emission Dispatch Including Valve Point Effect. Lecture Notes in Computer Science, 2015, , 647-660.	1.3	18
14	Stochastic Unit Commitment Problem Incorporating Renewable Energy Power. Lecture Notes in Computer Science, 2015, , 686-696.	1.3	1
15	Notice of Violation of IEEE Publication Principles - Fuzzy based energy management system for a polygeneration microgrid. , 2014, , .		0
16	Nash equilibrium bidding strategies in a pool based electricity market. , 2014, , .		2
17	Growth and characterization of pure and 1, 10 phenanthraline doped potassium penta borate (KB5) single crystals. IOP Conference Series: Materials Science and Engineering, 2013, 43, 012006.	0.6	2
18	Riskâ€“invoked selfâ€“scheduling of a Genco in a dayâ€“ahead energy and spinning reserve market. IEEE Transactions on Electrical and Electronic Engineering, 2013, 8, 40-48.	1.4	0

#	ARTICLE	IF	CITATIONS
19	Physical properties and characterization of RuSr ₂ GdCu ₂ O ₈ (Ru-1212) grown by top seeded melt textured technique. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2009, 163, 165-169.	3.5	2
20	Preparation and characterization of ZnO nanofibers by electrospinning. Crystal Research and Technology, 2006, 41, 446-449.	1.3	60
21	ANN based Z-bus loss allocation for pool dispatch in deregulated power system. , 2006, , .		11
22	VHDL based application for service restoration in distribution networks. , 2005, , .		0
23	Design and Simulation of Self Lift Positive Output Luo Converter Using Incremental Conductance Algorithm for Photovoltaic Applications. Applied Mechanics and Materials, 0, 622, 51-58.	0.2	2
24	A novel hybrid grey wolf optimization algorithm and artificial neural network technique for stochastic unit commitment problem with uncertainty of wind power. Transactions of the Institute of Measurement and Control, 0, , 014233122110019.	1.7	3
25	Fault Detection and Identification Strategy Based on Luenberger Observer for Bidirectional Interleaved Switchedâ€”Capacitor DCâ€”DC Converter Interfaced Microgrids. Journal of Electrical Engineering and Technology, 0, , .	2.0	0