

Sudhakaran Mahalingam

List of Publications by Year in descending order

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21
papers

124
citations

1937685

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21
all docs

21
docs citations

21
times ranked

103
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of Particle Swarm Optimization for Economic Load Dispatch Problems. , 2007, , .		22
2	Integrating genetic algorithms and tabu search for combined heat and power economic dispatch. , 0, , .		18
3	GA and PSO culled hybrid technique for economic dispatch problem with prohibited operating zones. Journal of Zhejiang University: Science A, 2007, 8, 896-903.	2.4	18
4	Differential Evolution algorithm based Weighted Additive FGA approach for optimal power flow using multi-type FACTS devices. , 2012, , .		14
5	Multi Objective Optimal Power Flow with STATCOM Using DE in WAFGP. Indian Journal of Science and Technology, 2015, 8, 191.	0.7	9
6	Optimal Placement of DG in Distribution System Using Genetic Algorithm. Lecture Notes in Computer Science, 2013, , 639-647.	1.3	9
7	Solution to profit based unit commitment using swarm intelligence technique. , 2014, , .		5
8	Power Loss Minimization by the Placement of DG in Distribution System Using GA. Lecture Notes in Computer Science, 2012, , 259-266.	1.3	4
9	Enhancement of power quality using three phase DSTATCOM for variable load. , 2012, , .		4
10	Generalized UPQC system with an improved control method under distorted and unbalanced load conditions. , 2012, , .		4
11	Power Loss Minimization by the Placement of DG in Distribution System Using PSO. Advances in Intelligent Systems and Computing, 2013, , 497-504.	0.6	4
12	Particle Swarm Optimization Based Energy Optimized Dynamic Voltage Restorer. , 2008, , .		3
13	Maximum Loss Reduction and Voltage Profile Improvement with Placement of Hybrid Solar-Wind System. Advanced Materials Research, 2013, 768, 371-377.	0.3	2
14	Reliability Improvement in a Radial Distribution System Using DG. Advanced Materials Research, 2013, 768, 351-358.	0.3	2
15	Optimal Placement and Sizing of Solar and Wind Based DGs in Distribution Systems for Power Loss Minimization and Economic Operation. Lecture Notes in Electrical Engineering, 2015, , 351-360.	0.4	2
16	Optimum Allocation of Distributed Generation Based on Nodal Pricing for Profit and Social Welfare Maximization. Advanced Materials Research, 0, 768, 364-370.	0.3	1
17	Performance analysis of high step-up DC-DC converter for photovoltaic (PV) system. , 2015, , .		1
18	Solution for Multi-area Unit Commitment Problem Using PSO-Based Modified Firefly Algorithm. Lecture Notes in Electrical Engineering, 2018, , 625-636.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Design and Implementation of Modified Zeta Converter for BLDC Driven Solar PV Fed Water Pumping System. International Journal for Research in Applied Science and Engineering Technology, 2020, 8, 385-395.	0.1	1
20	Application of hybrid EP-PSO algorithm for the solution of combined economic and emission dispatch problems. , 2016, , .		0
21	Investigation of voltage regulation in gridâ€‘connected PV system. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 19, 1131.	0.8	0