

Sudhakaran Mahalingam

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

124
citations

1937685

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1720034

7
g-index

21
all docs

21
docs citations

21
times ranked

103
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of voltage regulation in grid-connected PV system. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 19, 1131.	0.8	0
2	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
3	Solution for Multi-area Unit Commitment Problem Using PSO-Based Modified Firefly Algorithm. Lecture Notes in Electrical Engineering, 2018, , 625-636.	0.4	1
4	Application of hybrid EP-PSO algorithm for the solution of combined economic and emission dispatch problems. , 2016, , .		0
5	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
6	Performance analysis of high step-up DC-DC converter for photovoltaic (PV) system. , 2015, , .		1
7	Multi Objective Optimal Power Flow with STATCOM Using DE in WAFGP. Indian Journal of Science and Technology, 2015, 8, 191.	0.7	9
8	Solution to profit based unit commitment using swarm intelligence technique. , 2014, , .		5
9	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
10	Maximum Loss Reduction and Voltage Profile Improvement with Placement of Hybrid Solar-Wind System. Advanced Materials Research, 2013, 768, 371-377.	0.3	2
11	Reliability Improvement in a Radial Distribution System Using DG. Advanced Materials Research, 2013, 768, 351-358.	0.3	2
12	Optimal Placement of DG in Distribution System Using Genetic Algorithm. Lecture Notes in Computer Science, 2013, , 639-647.	1.3	9
13	Power Loss Minimization by the Placement of DG in Distribution System Using GA. Lecture Notes in Computer Science, 2012, , 259-266.	1.3	4
14	Enhancement of power quality using three phase DSTATCOM for variable load. , 2012, , .		4
15	Differential Evolution algorithm based Weighted Additive FGA approach for optimal power flow using multi-type FACTS devices. , 2012, , .		14
16	Generalized UPQC system with an improved control method under distorted and unbalanced load conditions. , 2012, , .		4
17	Particle Swarm Optimization Based Energy Optimized Dynamic Voltage Restorer. , 2008, , .		3
18	Application of Particle Swarm Optimization for Economic Load Dispatch Problems. , 2007, , .		22

#	ARTICLE	IF	CITATIONS
19	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
20	Integrating genetic algorithms and tabu search for combined heat and power economic dispatch. , 0, , .		18
21	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