

Belgin Emre Trkay

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

275
citations

6
h-index

16
g-index

39
ext. papers

366
ext. citations

2.7
avg, IF

3.61
L-index

#	Paper	IF	Citations
23	Economic analysis of standalone and grid connected hybrid energy systems. <i>Renewable Energy</i> , 2011 , 36, 1931-1943	8.1	154
22	A novel differential evolution application to short-term electrical power generation scheduling. <i>International Journal of Electrical Power and Energy Systems</i> , 2011 , 33, 1236-1242	5.1	31
21	Application of a Fast Evolutionary Algorithm to Short-term Hydro-thermal Generation Scheduling. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2011 , 6, 395-405	3.1	20
20	Optimal Distribution Network Design Using Genetic Algorithms. <i>Electric Power Components and Systems</i> , 2005 , 33, 513-524	1	17
19	An Economic Analysis of Grid-connected Hybrid Energy Systems. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2011 , 6, 228-241	3.1	9
18	Domestic electrical load management in smart grids and classification of residential loads 2018 ,		7
17	Optimal power flow solution using particle swarm optimization algorithm 2013 ,		6
16	Harmonic filter design and power factor correction in a cement factory		4
15	Impact of distributed generation on radial distribution network with various load models 2017 ,		3
14	Service restoration in distribution systems using an evolutionary algorithm 2010 ,		3
13	Harmonic Effects of Electric Vehicles on Low Voltage Distribution Transformers and Power Grid 2018 ,		3
12	The prediction and penetration of wind energy with storage system analysis. <i>Energy Sources, Part B: Economics, Planning and Policy</i> , 2017 , 12, 211-215	3.1	2
11	Power quality comparison of single-phase and three-phase inverter topologies for renewable energy systems. <i>International Journal of Smart Grid and Clean Energy</i> , 2019 , 174-183	1.4	2
10	Dynamic Economic Dispatch with Valve Point Effect by Using GA and PSO Algorithm 2018 ,		2
9	Optimal Allocation of Renewable Distributed Generations Using Heuristic Methods to Minimize Annual Energy Losses and Voltage Deviation Index. <i>IEEE Access</i> , 2022 , 10, 21455-21474	3.5	2
8	Economic Dispatch of Multi-Microgrid Systems by Using Particle Swarm Optimization 2021 ,		2
7	Comparison of lighting technologies in residential area for energy conservation 2017 ,		1

6	A New Approach for Solving the Unit Commitment Problem by Enhanced Particle Swarm Optimization. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012 , 45, 73-78		1
5	Smart Thermostats for Home Automation Systems and Energy Savings from Smart Thermostats 2018 ,		1
4	An Examination of the Effects of Distributed Generation on Distribution Systems by Load Flow Analysis 2018 ,		1
3	Energy Management Algorithm for Peak Demand Reduction 2018 ,		1
2	Wavelet entropy and its application for flicker contribution evaluation. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2019 , 14, 67-74	1	0
1	A new approach for flicker analysis using information-theory-based wavelet energy entropy. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2017 , 12, 961-962	1	