

Mohd Herwan Bin Sulaiman

List of Publications by Citations

Source:

<https://exaly.com/author-pdf/8421384/mohd-herwan-bin-sulaiman-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

68

papers

999

citations

13

h-index

30

g-index

81

ext. papers

1,262

ext. citations

2.6

avg, IF

5.11

L-index

#	Paper	IF	Citations
68	Using the gray wolf optimizer for solving optimal reactive power dispatch problem. <i>Applied Soft Computing Journal</i> , 2015 , 32, 286-292	7.5	223
67	Barnacles Mating Optimizer: A new bio-inspired algorithm for solving engineering optimization problems. <i>Engineering Applications of Artificial Intelligence</i> , 2020 , 87, 103330	7.2	127
66	Optimal reactive power dispatch solution by loss minimization using moth-flame optimization technique. <i>Applied Soft Computing Journal</i> , 2017 , 59, 210-222	7.5	119
65	Performance characterization of a vanadium redox flow battery at different operating parameters under a standardized test-bed system. <i>Applied Energy</i> , 2015 , 137, 402-412	10.7	76
64	An application of artificial bee colony algorithm with least squares support vector machine for real and reactive power tracing in deregulated power system. <i>International Journal of Electrical Power and Energy Systems</i> , 2012 , 37, 67-77	5.1	50
63	Prediction of small hydropower plant power production in Himreen Lake dam (HLD) using artificial neural network. <i>AEJ - Alexandria Engineering Journal</i> , 2018 , 57, 211-221	6.1	45
62	Appraising the viability of wind energy conversion system in the Peninsular Malaysia. <i>Energy Conversion and Management</i> , 2013 , 76, 801-810	10.6	28
61	Distributed generation installation using particle swarm optimization 2010 ,		23
60	Modified Firefly Algorithm in solving economic dispatch problems with practical constraints 2012 ,		21
59	A New Swarm Intelligence Approach for Optimal Chiller Loading for Energy Conservation. <i>Procedia, Social and Behavioral Sciences</i> , 2014 , 129, 483-488		17
58	Transmission loss and load flow allocations via genetic algorithm technique 2009 ,		16
57	A Review of Optimization Algorithms in Solving Hydro Generation Scheduling Problems. <i>Energies</i> , 2020 , 13, 2787	3.1	13
56	Barnacles Mating Optimizer: A Bio-Inspired Algorithm for Solving Optimization Problems 2018 ,		13
55	Reactive power tracing in pool-based power system utilising the hybrid genetic algorithm and least squares support vector machine. <i>IET Generation, Transmission and Distribution</i> , 2012 , 6, 133	2.5	13
54	Barnacles Mating Optimizer: An Evolutionary Algorithm for Solving Optimization 2018 ,		13
53	Design and simulation of resistive type SFCL in multi-area power system for enhancing the transient stability. <i>Physica C: Superconductivity and Its Applications</i> , 2020 , 573, 1353643	1.3	12
52	Solving optimal power flow problem with stochastic wind solar small hydro power using barnacles mating optimizer. <i>Control Engineering Practice</i> , 2021 , 106, 104672	3.9	12

51	Modeling and characterization of a grid-connected photovoltaic system under tropical climate conditions. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 82, 2094-2105	16.2	10
50	Training LSSVM with GWO for price forecasting 2015 ,		10
49	Performance analysis of distributed power flow controller with ultra-capacitor for regulating the frequency deviations in restructured power system. <i>Journal of Energy Storage</i> , 2020 , 31, 101676	7.8	10
48	LS-SVM hyper-parameters optimization based on GWO algorithm for time series forecasting 2015 ,		9
47	2010 ,		9
46	Optimal power flow incorporating stochastic wind and solar generation by metaheuristic optimizers. <i>Microsystem Technologies</i> , 2021 , 27, 3263-3277	1.7	9
45	A robust firefly algorithm with backpropagation neural networks for solving hydrogeneration prediction. <i>Electrical Engineering</i> , 2018 , 100, 2617-2633	1.5	8
44	Effect of population size for DG installation using EMEFA 2013 ,		8
43	Modeling of photovoltaic solar array under different levels of partial shadow conditions 2014 ,		8
42	Optimal power flow with stochastic solar power using barnacles mating optimizer. <i>International Transactions on Electrical Energy Systems</i> , 2021 , 31, e12858	2.2	7
41	Photovoltaic Grid-Connected Modeling and Characterization Based on Experimental Results. <i>PLoS ONE</i> , 2016 , 11, e0152766	3.7	6
40	Cuckoo Search Algorithm as an optimizer for Optimal Reactive Power Dispatch problems 2017 ,		5
39	Series division method based on PSO and FA to optimize Long-Term Hydro Generation Scheduling. <i>Sustainable Energy Technologies and Assessments</i> , 2018 , 29, 106-118	4.7	5
38	A Proposed Method of Photovoltaic Solar Array Configuration under Different Partial Shadow Conditions. <i>Advanced Materials Research</i> , 2014 , 983, 307-311	0.5	5
37	Artificial neural network flood prediction for sungai isap residence 2016 ,		5
36	Economic Dispatch Solution Using Moth-Flame Optimization Algorithm. <i>MATEC Web of Conferences</i> , 2018 , 214, 03007	0.3	5
35	Influence of Viscosity on Dynamic Magnetization of Thermally Blocked Iron Oxide Nanoparticles Characterized by a Sensitive AC Magnetometer. <i>Journal of Superconductivity and Novel Magnetism</i> , 2019 , 32, 2765-2772	1.5	4
34	An application of Cuckoo Search Algorithm for solving combined economic and emission dispatch problem 2015 ,		4

33	Levenberg-Marquardt flood prediction for Sungai Isap residence 2016,		4
32	Optimal Long-Term Hydro Generation Scheduling of Small Hydropower Plant (SHP) using Metaheuristic Algorithm in Himreen Lake Dam. <i>MATEC Web of Conferences</i> , 2017 , 131, 04017	0.3	3
31	An Application of Barnacles Mating Optimizer for Solving Economic Dispatch Problems 2019,		3
30	Solving economic dispatch problems utilizing Cuckoo Search algorithm 2014,		3
29	A new swarm intelligence technique for solving economic dispatch problem 2013,		3
28	An Application of Cuckoo Search Algorithm for Solving Optimal Chiller Loading Problem for Energy Conservation. <i>Applied Mechanics and Materials</i> , 2015 , 793, 500-504	0.3	3
27	Power flow allocation method with the application of hybrid genetic algorithm-least squares support vector machine 2010,		3
26	Real power transfer allocation via Continuous Genetic Algorithm-Least Squares Support Vector Machine technique 2010,		3
25	Advanced Techniques in Harmonic Suppression via Active Power Filter: A Review. <i>International Journal of Power Electronics and Drive Systems</i> , 2015 , 6, 185	1.5	3
24	An Application of Hybrid Swarm Intelligence Algorithms for Dengue Outbreak Prediction 2019,		2
23	Solving Economic Dispatch Problems with Practical Constraints Utilizing Grey Wolf Optimizer. <i>Applied Mechanics and Materials</i> , 2015 , 785, 511-515	0.3	2
22	An Extension of Particle Swarm Optimization (E-PSO) Algorithm for Solving Economic Dispatch Problem 2013,		2
21	Transmission loss allocation in deregulated power system via superposition and proportional tree methods 2008,		2
20	Short Term Forecasting Based on Hybrid Least Squares Support Vector Machines. <i>Advanced Science Letters</i> , 2018 , 24, 7455-7460	0.1	2
19	Modeling and analysis of hybrid multilevel converter for constant DC and fuel cell sources. <i>Energy Storage</i> , 2020 , 2, e193	2.8	2
18	Barnacles Mating Optimizer Algorithm for Optimization. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 211-218	0.2	2
17	Dengue Outbreak Prediction: Hybrid Meta-heuristic Model 2018,		1
16	Binary search algorithm as maximum power point tracking technique for photovoltaic system under partial shaded conditions 2017,		1

15	Tracing the real power transfer of individual generators to loads using Least Squares Support Vector Machine with Continuous Genetic Algorithm 2011 ,		1
14	Tracing Generators Output in Transmission Open Access 2007 ,		1
13	Optimal Power Flow Solutions for Power System Operations Using Moth-Flame Optimization Algorithm. <i>Lecture Notes in Electrical Engineering</i> , 2021 , 207-219	0.2	1
12	Properties of single- and multi-core magnetic nanoparticles assessed by magnetic susceptibility measurements. <i>Journal of Magnetism and Magnetic Materials</i> , 2021 , 528, 167812	2.8	1
11	Optimal chiller loading solution for energy conservation using Barnacles Mating Optimizer algorithm. <i>Results in Control and Optimization</i> , 2022 , 7, 100109	1	1
10	COVID-19 Confirmed Cases Prediction in China Based on Barnacles Mating Optimizer-Least Squares Support Vector Machines. <i>Cybernetics and Information Technologies</i> , 2021 , 21, 62-76	1.3	0
9	Current Measurement of Engine Oils Under Various Voltage Application. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 611-616	0.2	
8	Impact of Overcurrent Protection Coordination on the Location of the Distributed Generation Sources. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 595-602	0.2	
7	Solving Combined Economic and Emission Load Dispatch Using Cohesive Meta-heuristic Approach. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 1043-1052	0.2	
6	An Application of Barnacles Mating Optimizer Algorithm for Combined Economic and Emission Dispatch Solution. <i>Lecture Notes in Electrical Engineering</i> , 2021 , 1115-1124	0.2	
5	Predictive Analysis of Dengue Outbreak Based on an Improved Salp Swarm Algorithm. <i>Cybernetics and Information Technologies</i> , 2020 , 20, 156-169	1.3	
4	An Application of Radial Basis Function Neural Network for Short Term Load Forecasting Solution. <i>Advanced Science Letters</i> , 2018 , 24, 7534-7538	0.1	
3	Investigation of Binary Search Algorithm as Maximum Power Point Tracking Technique in Solar PV System. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 563-570	0.2	
2	Loss Minimization of Optimal Power Flow with Stochastic Solar Power Generation Using Improved Salp Swarm Algorithm. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 135-146	0.2	
1	Using the Barnacles Mating Optimizer with Effective Constraints Handling Technique for Cost Minimization of Optimal Power Flow Solution. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 47-55	0.2	