

Abdelkader Abbassi

List of Publications by Year in descending order

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46
papers

8,818
citations

117453

34
h-index

233125

45
g-index

47
all docs

47
docs citations

47
times ranked

4091
citing authors

#	ARTICLE	IF	CITATIONS
1	Harris hawks optimization: Algorithm and applications. <i>Future Generation Computer Systems</i> , 2019, 97, 849-872.	4.9	3,345
2	RUN beyond the metaphor: An efficient optimization algorithm based on Runge Kutta method. <i>Expert Systems With Applications</i> , 2021, 181, 115079.	4.4	552
3	An efficient binary Salp Swarm Algorithm with crossover scheme for feature selection problems. <i>Knowledge-Based Systems</i> , 2018, 154, 43-67.	4.0	504
4	Evolutionary Population Dynamics and Grasshopper Optimization approaches for feature selection problems. <i>Knowledge-Based Systems</i> , 2018, 145, 25-45.	4.0	331
5	Binary dragonfly optimization for feature selection using time-varying transfer functions. <i>Knowledge-Based Systems</i> , 2018, 161, 185-204.	4.0	318
6	An efficient salp swarm-inspired algorithm for parameters identification of photovoltaic cell models. <i>Energy Conversion and Management</i> , 2019, 179, 362-372.	4.4	303
7	An opposition-based sine cosine approach with local search for parameter estimation of photovoltaic models. <i>Energy Conversion and Management</i> , 2019, 195, 927-942.	4.4	226
8	Parameters identification of photovoltaic cells and modules using diversification-enriched Harris hawks optimization with chaotic drifts. <i>Journal of Cleaner Production</i> , 2020, 244, 118778.	4.6	223
9	An efficient chaotic mutative moth-flame-inspired optimizer for global optimization tasks. <i>Expert Systems With Applications</i> , 2019, 129, 135-155.	4.4	220
10	Identification of unknown parameters of solar cell models: A comprehensive overview of available approaches. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 90, 453-474.	8.2	202
11	An intelligent system for spam detection and identification of the most relevant features based on evolutionary Random Weight Networks. <i>Information Fusion</i> , 2019, 48, 67-83.	11.7	202
12	Asynchronous accelerating multi-leader salp chains for feature selection. <i>Applied Soft Computing Journal</i> , 2018, 71, 964-979.	4.1	175
13	An evolutionary gravitational search-based feature selection. <i>Information Sciences</i> , 2019, 497, 219-239.	4.0	175
14	Orthogonally adapted Harris hawks optimization for parameter estimation of photovoltaic models. <i>Energy</i> , 2020, 203, 117804.	4.5	172
15	Boosted mutation-based Harris hawks optimizer for parameters identification of single-diode solar cell models. <i>Energy Conversion and Management</i> , 2020, 209, 112660.	4.4	153
16	Multi-strategy boosted mutative whale-inspired optimization approaches. <i>Applied Mathematical Modelling</i> , 2019, 73, 109-123.	2.2	144
17	Orthogonal Nelder-Mead moth flame method for parameters identification of photovoltaic modules. <i>Energy Conversion and Management</i> , 2020, 211, 112764.	4.4	135
18	Efficient boosted grey wolf optimizers for global search and kernel extreme learning machine training. <i>Applied Soft Computing Journal</i> , 2019, 81, 105521.	4.1	113

#	ARTICLE	IF	CITATIONS
19	A statistical approach for hybrid energy storage system sizing based on capacity distributions in an autonomous PV/Wind power generation system. <i>Renewable Energy</i> , 2017, 103, 81-93.	4.3	104
20	Horizontal and vertical crossover of Harris hawk optimizer with Nelder-Mead simplex for parameter estimation of photovoltaic models. <i>Energy Conversion and Management</i> , 2020, 223, 113211.	4.4	100
21	An enhanced associative learning-based exploratory whale optimizer for global optimization. <i>Neural Computing and Applications</i> , 2020, 32, 5185-5211.	3.2	96
22	A competitive chain-based Harris Hawks Optimizer for global optimization and multi-level image thresholding problems. <i>Applied Soft Computing Journal</i> , 2020, 95, 106347.	4.1	73
23	Boosting slime mould algorithm for parameter identification of photovoltaic models. <i>Energy</i> , 2021, 234, 121164.	4.5	73
24	Salp Swarm Algorithm: Theory, Literature Review, and Application in Extreme Learning Machines. <i>Studies in Computational Intelligence</i> , 2020, , 185-199.	0.7	71
25	Ant Lion Optimizer: Theory, Literature Review, and Application in Multi-layer Perceptron Neural Networks. <i>Studies in Computational Intelligence</i> , 2020, , 23-46.	0.7	71
26	Clustering analysis using a novel locality-informed grey wolf-inspired clustering approach. <i>Knowledge and Information Systems</i> , 2020, 62, 507-539.	2.1	62
27	An improved single-diode model parameters extraction at different operating conditions with a view to modeling a photovoltaic generator: A comparative study. <i>Solar Energy</i> , 2017, 155, 478-489.	2.9	60
28	Rationalized fruit fly optimization with sine cosine algorithm: A comprehensive analysis. <i>Expert Systems With Applications</i> , 2020, 157, 113486.	4.4	59
29	Random reselection particle swarm optimization for optimal design of solar photovoltaic modules. <i>Energy</i> , 2022, 239, 121865.	4.5	54
30	Harmonized salp chain-built optimization. <i>Engineering With Computers</i> , 2021, 37, 1049-1079.	3.5	53
31	Gradient-based optimization with ranking mechanisms for parameter identification of photovoltaic systems. <i>Energy Reports</i> , 2021, 7, 3979-3997.	2.5	47
32	Evaluation of constraint in photovoltaic models by exploiting an enhanced ant lion optimizer. <i>Solar Energy</i> , 2020, 211, 503-521.	2.9	43
33	Dragonfly Algorithm: Theory, Literature Review, and Application in Feature Selection. <i>Studies in Computational Intelligence</i> , 2020, , 47-67.	0.7	42
34	Performance optimization of salp swarm algorithm for multi-threshold image segmentation: Comprehensive study of breast cancer microscopy. <i>Computers in Biology and Medicine</i> , 2021, 139, 105015.	3.9	41
35	Differential evolution-assisted salp swarm algorithm with chaotic structure for real-world problems. <i>Engineering With Computers</i> , 2023, 39, 1735-1769.	3.5	38
36	Gaussian Barebone Salp Swarm Algorithm with Stochastic Fractal Search for medical image segmentation: A COVID-19 case study. <i>Computers in Biology and Medicine</i> , 2021, 139, 104941.	3.9	36

#	ARTICLE	IF	CITATIONS
37	Parameterization of photovoltaic solar cell double-diode model based on improved arithmetic optimization algorithm. <i>Optik</i> , 2022, 253, 168600.	1.4	33
38	Evolutionary shuffled frog leaping with memory pool for parameter optimization. <i>Energy Reports</i> , 2021, 7, 584-606.	2.5	32
39	Metaphor-free dynamic spherical evolution for parameter estimation of photovoltaic modules. <i>Energy Reports</i> , 2021, 7, 5175-5202.	2.5	32
40	Multi-core sine cosine optimization: Methods and inclusive analysis. <i>Expert Systems With Applications</i> , 2021, 164, 113974.	4.4	22
41	Improved Arithmetic Optimization Algorithm for Parameters Extraction of Photovoltaic Solar Cell Single-Diode Model. <i>Arabian Journal for Science and Engineering</i> , 0, , 1.	1.7	18
42	Multi-Threshold Image Segmentation of Maize Diseases Based on Elite Comprehensive Particle Swarm Optimization and Otsu. <i>Frontiers in Plant Science</i> , 2021, 12, 789911.	1.7	18
43	Improved off-grid wind/photovoltaic/hybrid energy storage system based on new framework of Moth-Flame optimization algorithm. <i>International Journal of Energy Research</i> , 2022, 46, 6711-6729.	2.2	16
44	Quantum Nelder-Mead Hunger Games Search for optimizing photovoltaic solar cells. <i>International Journal of Energy Research</i> , 2022, 46, 12417-12466.	2.2	16
45	Adaptive slime mould algorithm for optimal design of photovoltaic models. <i>Energy Science and Engineering</i> , 2022, 10, 2035-2064.	1.9	10
46	Eco-feasibility study of a distributed power generation system driven by renewable green energy sources. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2022, 44, 3981-3999.	1.2	5