Abdelkader Abbassi

List of Publications by Year
in descending order

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	Differential evolution-assisted salp swarm algorithm with chaotic structure for real-world problems. Engineering With Computers, 2023, 39, 1735-1769.	3.5	38
2	Random reselection particle swarm optimization for optimal design of solar photovoltaic modules. Energy, 2022, 239, 121865.	4.5	54
3	Parameterization of photovoltaic solar cell double-diode model based on improved arithmetic optimization algorithm. Optik, 2022, 253, 168600.	1.4	33
4	Adaptive slime mould algorithm for optimal design of photovoltaic models. Energy Science and Engineering, 2022, 10, 2035-2064.	1.9	10
5	Improved off‐grid wind/photovoltaic/hybrid energy storage system based on new framework of Moth‐Flame optimization algorithm. International Journal of Energy Research, 2022, 46, 6711-6729.	2.2	16
6	Quantum <scp>Nelder‐Mead</scp> Hunger Games Search for optimizing photovoltaic solar cells. International Journal of Energy Research, 2022, 46, 12417-12466.	2.2	16
7	Eco-feasibility study of a distributed power generation system driven by renewable green energy sources. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2022, 44, 3981-3999.	1.2	5
8	Multi-core sine cosine optimization: Methods and inclusive analysis. Expert Systems With Applications, 2021, 164, 113974.	4.4	22
9	Harmonized salp chain-built optimization. Engineering With Computers, 2021, 37, 1049-1079.	3.5	53
10	Evolutionary shuffled frog leaping with memory pool for parameter optimization. Energy Reports, 2021, 7, 584-606.	2.5	32
11	Boosting slime mould algorithm for parameter identification of photovoltaic models. Energy, 2021, 234, 121164.	4.5	73
12	Metaphor-free dynamic spherical evolution for parameter estimation of photovoltaic modules. Energy Reports, 2021, 7, 5175-5202.	2.5	32
13	RUN beyond the metaphor: An efficient optimization algorithm based on Runge Kutta method. Expert Systems With Applications, 2021, 181, 115079.	4.4	552
14	Gradient-based optimization with ranking mechanisms for parameter identification of photovoltaic systems. Energy Reports, 2021, 7, 3979-3997.	2.5	47
15	Gaussian Barebone Salp Swarm Algorithm with Stochastic Fractal Search for medical image segmentation: A COVID-19 case study. Computers in Biology and Medicine, 2021, 139, 104941.	3.9	36
16	Performance optimization of salp swarm algorithm for multi-threshold image segmentation: Comprehensive study of breast cancer microscopy. Computers in Biology and Medicine, 2021, 139, 105015.	3.9	41
17	Multi-Threshold Image Segmentation of Maize Diseases Based on Elite Comprehensive Particle Swarm Optimization and Otsu. Frontiers in Plant Science, 2021, 12, 789911.	1.7	18
18	An enhanced associative learning-based exploratory whale optimizer for global optimization. Neural Computing and Applications, 2020, 32, 5185-5211.	3.2	96

#	ARTICLE	IF	CITATIONS
19	Clustering analysis using a novel locality-informed grey wolf-inspired clustering approach. Knowledge and Information Systems, 2020, 62, 507-539.	2.1	62
20	Dragonfly Algorithm: Theory, Literature Review, and Application in Feature Selection. Studies in Computational Intelligence, 2020, , 47-67.	0.7	42
21	Salp Swarm Algorithm: Theory, Literature Review, and Application in Extreme Learning Machines. Studies in Computational Intelligence, 2020, , 185-199.	0.7	71
22	Ant Lion Optimizer: Theory, Literature Review, and Application in Multi-layer Perceptron Neural Networks. Studies in Computational Intelligence, 2020, , 23-46.	0.7	71
23	Parameters identification of photovoltaic cells and modules using diversification-enriched Harris hawks optimization with chaotic drifts. Journal of Cleaner Production, 2020, 244, 118778.	4.6	223
24	Horizontal and vertical crossover of Harris hawk optimizer with Nelder-Mead simplex for parameter estimation of photovoltaic models. Energy Conversion and Management, 2020, 223, 113211.	4.4	100
25	Evaluation of constraint in photovoltaic models by exploiting an enhanced ant lion optimizer. Solar Energy, 2020, 211, 503-521.	2.9	43
26	Orthogonally adapted Harris hawks optimization for parameter estimation of photovoltaic models. Energy, 2020, 203, 117804.	4.5	172
27	Boosted mutation-based Harris hawks optimizer for parameters identification of single-diode solar cell models. Energy Conversion and Management, 2020, 209, 112660.	4.4	153
28	A competitive chain-based Harris Hawks Optimizer for global optimization and multi-level image thresholding problems. Applied Soft Computing Journal, 2020, 95, 106347.	4.1	73
29	Rationalized fruit fly optimization with sine cosine algorithm: A comprehensive analysis. Expert Systems With Applications, 2020, 157, 113486.	4.4	59
30	Orthogonal Nelder-Mead moth flame method for parameters identification of photovoltaic modules. Energy Conversion and Management, 2020, 211, 112764.	4.4	135
31	An intelligent system for spam detection and identification of the most relevant features based on evolutionary Random Weight Networks. Information Fusion, 2019, 48, 67-83.	11.7	202
32	Efficient boosted grey wolf optimizers for global search and kernel extreme learning machine training. Applied Soft Computing Journal, 2019, 81, 105521.	4.1	113
33	An opposition-based sine cosine approach with local search for parameter estimation of photovoltaic models. Energy Conversion and Management, 2019, 195, 927-942.	4.4	226
34	An evolutionary gravitational search-based feature selection. Information Sciences, 2019, 497, 219-239.	4.0	175
35	Multi-strategy boosted mutative whale-inspired optimization approaches. Applied Mathematical Modelling, 2019, 73, 109-123.	2.2	144
36	An efficient chaotic mutative moth-flame-inspired optimizer for global optimization tasks. Expert Systems With Applications, 2019, 129, 135-155.	4.4	220

#	Article	IF	Citations
37	Harris hawks optimization: Algorithm and applications. Future Generation Computer Systems, 2019, 97, 849-872.	4.9	3,345
38	An efficient salp swarm-inspired algorithm for parameters identification of photovoltaic cell models. Energy Conversion and Management, 2019, 179, 362-372.	4.4	303
39	Evolutionary Population Dynamics and Grasshopper Optimization approaches for feature selection problems. Knowledge-Based Systems, 2018, 145, 25-45.	4.0	331
40	Identification of unknown parameters of solar cell models: A comprehensive overview of available approaches. Renewable and Sustainable Energy Reviews, 2018, 90, 453-474.	8.2	202
41	Binary dragonfly optimization for feature selection using time-varying transfer functions. Knowledge-Based Systems, 2018, 161, 185-204.	4.0	318
42	Asynchronous accelerating multi-leader salp chains for feature selection. Applied Soft Computing Journal, 2018, 71, 964-979.	4.1	175
43	An efficient binary Salp Swarm Algorithm with crossover scheme for feature selection problems. Knowledge-Based Systems, 2018, 154, 43-67.	4.0	504
44	An improved single-diode model parameters extraction at different operating conditions with a view to modeling a photovoltaic generator: A comparative study. Solar Energy, 2017, 155, 478-489.	2.9	60
45	A statistical approach for hybrid energy storage system sizing based on capacity distributions in an autonomous PV/Wind power generation system. Renewable Energy, 2017, 103, 81-93.	4.3	104
46	Improved Arithmetic Optimization Algorithm for Parameters Extraction of Photovoltaic Solar Cell Single-Diode Model. Arabian Journal for Science and Engineering, 0, , 1.	1.7	18