

# Pradeep Jangir

## List of Publications by Year in descending order

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58  
papers

2,460  
citations

257450

24  
h-index

302126

39  
g-index

60  
all docs

60  
docs citations

60  
times ranked

1426  
citing authors

#	ARTICLE	IF	CITATIONS
1	MOMPA: Multi-objective marine predator algorithm for solving multi-objective optimization problems. <i>Evolutionary Intelligence</i> , 2023, 16, 169-195.	3.6	43
2	Opposition decided gradient-based optimizer with balance analysis and diversity maintenance for parameter identification of solar photovoltaic models. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2023, 14, 7109-7131.	4.9	18
3	Multi-objective Moth Flame Optimizer: A Fundamental Visions for Wind Power Integrated Optimal Power Flow with FACTS Devices. <i>Smart Science</i> , 2022, 10, 118-141.	3.2	12
4	Multi-Objective Teaching-Learning-Based Optimization for Structure Optimization. <i>Smart Science</i> , 2022, 10, 56-67.	3.2	25
5	Multi-Objective Grey Wolf Optimization Algorithm for Solving Real-World BLDC Motor Design Problem. <i>Computers, Materials and Continua</i> , 2022, 70, 2435-2452.	1.9	16
6	An efficient multi-thresholding based COVID-19 CT images segmentation approach using an improved equilibrium optimizer. <i>Biomedical Signal Processing and Control</i> , 2022, 73, 103401.	5.7	50
7	MOTEO: A novel physics-based multiobjective thermal exchange optimization algorithm to design truss structures. <i>Knowledge-Based Systems</i> , 2022, 242, 108422.	7.1	37
8	Constraint estimation in three-diode solar photovoltaic model using Gaussian and Cauchy mutation-based hunger games search optimizer and enhanced Newton-Raphson method. <i>IET Renewable Power Generation</i> , 2022, 16, 1733-1772.	3.1	22
9	A novel salp swarm assisted hybrid maximum power point tracking algorithm for the solar photovoltaic power generation systems. <i>Automatika</i> , 2021, 62, 1-20.	2.0	34
10	Extraction of uncertain parameters of single-diode photovoltaic module using hybrid particle swarm optimization and grey wolf optimization algorithm. <i>Materials Today: Proceedings</i> , 2021, 46, 5315-5321.	1.8	37
11	Enhanced chaotic JAYA algorithm for parameter estimation of photovoltaic cell/modules. <i>ISA Transactions</i> , 2021, 116, 139-166.	5.7	81
12	A New Metaheuristic Optimization Algorithms for Brushless Direct Current Wheel Motor Design Problem. <i>Computers, Materials and Continua</i> , 2021, 67, 2227-2242.	1.9	21
13	A New Arithmetic Optimization Algorithm for Solving Real-World Multiobjective CEC-2021 Constrained Optimization Problems: Diversity Analysis and Validations. <i>IEEE Access</i> , 2021, 9, 84263-84295.	4.2	105
14	MOPGO: A New Physics-Based Multi-Objective Plasma Generation Optimizer for Solving Structural Optimization Problems. <i>IEEE Access</i> , 2021, 9, 84982-85016.	4.2	54
15	MOSMA: Multi-Objective Slime Mould Algorithm Based on Elitist Non-Dominated Sorting. <i>IEEE Access</i> , 2021, 9, 3229-3248.	4.2	134
16	MOGBO: A new Multiobjective Gradient-Based Optimizer for real-world structural optimization problems. <i>Knowledge-Based Systems</i> , 2021, 218, 106856.	7.1	64
17	Elitist non-dominated sorting Harris hawks optimization: Framework and developments for multi-objective problems. <i>Expert Systems With Applications</i> , 2021, 186, 115747.	7.6	33
18	Identification of Solar Photovoltaic Model Parameters Using an Improved Gradient-Based Optimization Algorithm With Chaotic Drifts. <i>IEEE Access</i> , 2021, 9, 62347-62379.	4.2	59

#	ARTICLE	IF	CITATIONS
19	Multi-objective equilibrium optimizer: framework and development for solving multi-objective optimization problems. Journal of Computational Design and Engineering, 2021, 9, 24-50.	3.1	31
20	Many-Objective Gradient-Based Optimizer to Solve Optimal Power Flow Problems: Analysis and Validations. Engineering Applications of Artificial Intelligence, 2021, 106, 104479.	8.1	37
21	An Effective Solar Photovoltaic Module Parameter Estimation Technique for Single-Diode Model. IOP Conference Series: Materials Science and Engineering, 2020, 937, 012014.	0.6	11
22	A New and Reliable Objective Functions for Extracting the Unknown Parameters of Solar Photovoltaic Cell Using Political Optimizer Algorithm. , 2020, , .		17
23	An economic load dispatch and multiple environmental dispatch problem solution with microgrids using interior search algorithm. Neural Computing and Applications, 2018, 30, 2173-2189.	5.6	81
24	Optimal power flow with voltage stability improvement and loss reduction in power system using Moth-Flame Optimizer. Neural Computing and Applications, 2018, 30, 1889-1904.	5.6	54
25	A Novel Hybrid PSO-WOA Algorithm for Global Numerical Functions Optimization. Advances in Intelligent Systems and Computing, 2018, , 53-60.	0.6	53
26	A Novel Hybrid PSO-DA Algorithm for Global Numerical Optimization. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 287-298.	0.7	7
27	A new Non-Dominated Sorting Grey Wolf Optimizer (NS-GWO) algorithm: Development and application to solve engineering designs and economic constrained emission dispatch problem with integration of wind power. Engineering Applications of Artificial Intelligence, 2018, 72, 449-467.	8.1	55
28	Training Multilayer Perceptrons in Neural Network Using Interior Search Algorithm. Advances in Intelligent Systems and Computing, 2018, , 69-77.	0.6	2
29	Non-Dominated Sorting Moth Flame Optimizer: A Novel Multi-Objective Optimization Algorithm for Solving Engineering Design Problems. Engineering Technology Open Access Journal, 2018, 2, .	0.4	25
30	Moth flame optimization to solve optimal power flow with non-parametric statistical evaluation validation. Cogent Engineering, 2017, 4, 1286731.	2.2	54
31	A novel hybrid Particle Swarm Optimizer with multi verse optimizer for global numerical optimization and Optimal Reactive Power Dispatch problem. Engineering Science and Technology, an International Journal, 2017, 20, 570-586.	3.2	63
32	A Passing Vehicle Search algorithm for solution of Optimal Power flow problems. , 2017, , .		3
33	Optimization of problems with multiple objectives using the multi-verse optimization algorithm. Knowledge-Based Systems, 2017, 134, 50-71.	7.1	230
34	Optimal power flow problems solution with STATCOM using meta-heuristic algorithm. , 2017, , .		4
35	Optimal Power Flow with shunt Flexible AC Transmission system (FACTS) device using Grey Wolf Optimizer. , 2017, , .		11
36	A grey wolf optimizer algorithm for Voltage Stability Enhancement. , 2017, , .		8

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37	Optimal Power Flow problems solution with SVC using meta-heuristic algorithm. , 2017, , .		5
38	Multi-objective ant lion optimizer: a multi-objective optimization algorithm for solving engineering problems. Applied Intelligence, 2017, 46, 79-95.	5.3	476
39	Study of Different Boundary Constraint Handling Schemes in Interior Search Algorithm. Advances in Intelligent Systems and Computing, 2017, , 547-564.	0.6	2
40	Adaptive Krill Herd Algorithm for Global Numerical Optimization. Advances in Intelligent Systems and Computing, 2017, , 517-525.	0.6	5
41	A Novel Hybrid Approach Particle Swarm Optimizer with Moth-Flame Optimizer Algorithm. Advances in Intelligent Systems and Computing, 2017, , 569-577.	0.6	21
42	Optimal power flow with enhancement of voltage stability and reduction of power loss using ant-lion optimizer. Cogent Engineering, 2016, 3, 1208942.	2.2	44
43	Solution of Optimal Power Flow with voltage stability enhancement using Grey Wolf Optimization. , 2016, , .		1
44	An emission constraint environment dispatch problem solution with microgrid using Whale Optimization Algorithm. , 2016, , .		20
45	Price penalty factors based approach for emission constrained economic dispatch problem solution using whale optimization algorithm. , 2016, , .		6
46	An NSGA-III algorithm for solving multi-objective economic/environmental dispatch problem. Cogent Engineering, 2016, 3, 1269383.	2.2	46
47	Price penalty factors based approach for combined economic emission dispatch problem solution using Dragonfly Algorithm. , 2016, , .		18
48	Economic Load Dispatch problem with ramp rate limits and prohibited operating zones solve using Levy flight Moth-Flame optimizer. , 2016, , .		23
49	Optimal active and Reactive Power dispatch problem solution using Moth-Flame Optimizer algorithm. , 2016, , .		4
50	An emission constraint Economic Load Dispatch problem solution with Microgrid using JAYA algorithm. , 2016, , .		31
51	Voltage stability enhancement and voltage deviation minimization using BAT optimization algorithm. , 2016, , .		12
52	Environment Dispatch of Distributed Energy Resources in a microgrid using JAYA Algorithm. , 2016, , .		21
53	Energy management of Renewable Energy Sources in a microgrid using Cuckoo Search Algorithm. , 2016, , .		20
54	Moth-Flame optimization Algorithm for solving real challenging constrained engineering optimization problems. , 2016, , .		31

#	ARTICLE	IF	CITATIONS
55	Voltage stability enhancement and Voltage Deviation Minimization using ant-lion optimizer algorithm. , 2016, , .		7
56	Voltage stability enhancement and voltage deviation minimization using multi-verse optimizer algorithm. , 2016, , .		18
57	A multiple environment dispatch problem solution using ant colony optimization for micro-grids. , 2015, , .		32
58	Optimized over-current relay coordination using Flower Pollination Algorithm. , 2015, , .		11