

Kunjie Yu

List of Publications by Year in descending order

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48
papers

3,437
citations

186265
28
h-index

276875
41
g-index

48
all docs

48
docs citations

48
times ranked

1586
citing authors

#	ARTICLE	IF	CITATIONS
1	Parameters identification of photovoltaic models using an improved JAYA optimization algorithm. Energy Conversion and Management, 2017, 150, 742-753.	9.2	398
2	Parameters identification of solar cell models using generalized oppositional teaching learning based optimization. Energy, 2016, 99, 170-180.	8.8	316
3	A performance-guided JAYA algorithm for parameters identification of photovoltaic cell and module. Applied Energy, 2019, 237, 241-257.	10.1	312
4	Multiple learning backtracking search algorithm for estimating parameters of photovoltaic models. Applied Energy, 2018, 226, 408-422.	10.1	271
5	Parameters identification of photovoltaic models using self-adaptive teaching-learning-based optimization. Energy Conversion and Management, 2017, 145, 233-246.	9.2	198
6	Hybridizing cuckoo search algorithm with biogeography-based optimization for estimating photovoltaic model parameters. Solar Energy, 2019, 180, 192-206.	6.1	192
7	Classified perturbation mutation based particle swarm optimization algorithm for parameters extraction of photovoltaic models. Energy Conversion and Management, 2020, 203, 112138.	9.2	144
8	Multimodal multiobjective optimization with differential evolution. Swarm and Evolutionary Computation, 2019, 44, 1028-1059.	8.1	127
9	A novel scalable test problem suite for multimodal multiobjective optimization. Swarm and Evolutionary Computation, 2019, 48, 62-71.	8.1	103
10	Parameters estimation of solar photovoltaic models via a self-adaptive ensemble-based differential evolution. Solar Energy, 2020, 207, 336-346.	6.1	102
11	An improved teaching-learning-based optimization algorithm for numerical and engineering optimization problems. Journal of Intelligent Manufacturing, 2016, 27, 831-843.	7.3	100
12	Differential evolution using improved crowding distance for multimodal multiobjective optimization. Swarm and Evolutionary Computation, 2021, 62, 100849.	8.1	86
13	A self-organized speciation based multi-objective particle swarm optimizer for multimodal multi-objective problems. Applied Soft Computing Journal, 2020, 86, 105886.	7.2	79
14	Evolutionary multi-task optimization for parameters extraction of photovoltaic models. Energy Conversion and Management, 2020, 207, 112509.	9.2	75
15	A clustering-based differential evolution algorithm for solving multimodal multi-objective optimization problems. Swarm and Evolutionary Computation, 2021, 60, 100788.	8.1	74
16	Dynamic Selection Preference-Assisted Constrained Multiobjective Differential Evolution. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2954-2965.	9.3	74
17	A Survey on Evolutionary Constrained Multiobjective Optimization. IEEE Transactions on Evolutionary Computation, 2023, 27, 201-221.	10.0	62
18	An Evolutionary Multitasking Optimization Framework for Constrained Multiobjective Optimization Problems. IEEE Transactions on Evolutionary Computation, 2022, 26, 263-277.	10.0	60

#	ARTICLE	IF	CITATIONS
19	Quadratic interpolation based teaching-learning-based optimization for chemical dynamic system optimization. Knowledge-Based Systems, 2018, 145, 250-263.	7.1	56
20	Constrained optimization based on improved teaching-learning-based optimization algorithm. Information Sciences, 2016, 352-353, 61-78.	6.9	52
21	Purpose-directed two-phase multiobjective differential evolution for constrained multiobjective optimization. Swarm and Evolutionary Computation, 2021, 60, 100799.	8.1	50
22	Multiobjective optimization of ethylene cracking furnace system using self-adaptive multiobjective teaching-learning-based optimization. Energy, 2018, 148, 469-481.	8.8	49
23	A self-organizing multimodal multi-objective pigeon-inspired optimization algorithm. Science China Information Sciences, 2019, 62, 1.	4.3	49
24	Utilizing the Relationship Between Unconstrained and Constrained Pareto Fronts for Constrained Multiobjective Optimization. IEEE Transactions on Cybernetics, 2023, 53, 3873-3886.	9.5	41
25	Perturbed stochastic fractal search for solar PV parameter estimation. Energy, 2019, 189, 116247.	8.8	40
26	Self-adaptive resources allocation-based differential evolution for constrained evolutionary optimization. Knowledge-Based Systems, 2022, 235, 107653.	7.1	40
27	Multiple learning particle swarm optimization with space transformation perturbation and its application in ethylene cracking furnace optimization. Knowledge-Based Systems, 2016, 96, 156-170.	7.1	38
28	Teaching-Learning-Based Optimization with Learning Enthusiasm Mechanism and Its Application in Chemical Engineering. Journal of Applied Mathematics, 2018, 2018, 1-19.	0.9	36
29	Short-term load forecasting using multimodal evolutionary algorithm and random vector functional link network based ensemble learning. Applied Energy, 2021, 285, 116415.	10.1	28
30	Dynamic Auxiliary Task-Based Evolutionary Multitasking for Constrained Multiobjective Optimization. IEEE Transactions on Evolutionary Computation, 2023, 27, 642-656.	10.0	28
31	Cyclic scheduling for an ethylene cracking furnace system using diversity learning teaching-learning-based optimization. Computers and Chemical Engineering, 2017, 99, 314-324.	3.8	26
32	Multi-objective flow shop scheduling with limited buffers using hybrid self-adaptive differential evolution. Memetic Computing, 2019, 11, 407-422.	4.0	24
33	A grid-guided particle swarm optimizer for multimodal multi-objective problems. Applied Soft Computing Journal, 2022, 117, 108381.	7.2	22
34	Differential evolution with rankings-based fitness function for constrained optimization problems. Applied Soft Computing Journal, 2021, 113, 108016.	7.2	21
35	A two-archive model based evolutionary algorithm for multimodal multi-objective optimization problems. Applied Soft Computing Journal, 2022, 119, 108606.	7.2	19
36	Feature Extraction for Recommendation of Constrained Multiobjective Evolutionary Algorithms. IEEE Transactions on Evolutionary Computation, 2023, 27, 949-963.	10.0	12

#	ARTICLE	IF	CITATIONS
37	Differential Evolution with Level-Based Learning Mechanism. Complex System Modeling and Simulation, 2022, 2, 35-58.	5.3	9
38	Cooperative co-evolutionary comprehensive learning particle swarm optimizer for formulation design of explosive simulat. Memetic Computing, 2020, 12, 331-341.	4.0	5
39	Locating multiple roots of nonlinear equation systems via multi-strategy optimization algorithm with sequence quadratic program. Science China Information Sciences, 2022, 65, 1.	4.3	5
40	Constrained multiobjective differential evolution algorithm with infeasible-proportion control mechanism. Knowledge-Based Systems, 2022, 250, 109105.	7.1	5
41	Niche-based cooperative co-evolutionary ensemble neural network for classification. Applied Soft Computing Journal, 2021, 113, 107951.	7.2	3
42	Parameter extraction of the photovoltaic model via an improved composite differential evolution. , 2020, , .		2
43	A Differential Evolution Based Self-Adaptive Multi-Task Evolutionary Algorithm. , 2021, , .		2
44	An Improved Composite Differential Evolutionary Algorithm with Self-adaptive Mutation Strategy for Identifying Photovoltaic Model Parameters. , 2021, , .		2
45	Parameters Identification of Photovoltaic Cell and Module Using LSHADE. , 2020, , .		0
46	Ensemble Learning via Multimodal Multiobjective Differential Evolution and Feature Selection. Communications in Computer and Information Science, 2020, , 439-453.	0.5	0
47	A two-stage algorithm for solving constrained multi-objective optimization problems. , 2021, , .		0
48	A Self-adaptive Multi-task Differential Evolution Algorithm. , 2021, , .		0