

# Kunjie Yu

## List of Publications by Year in descending order

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48  
papers

3,437  
citations

212478

28  
h-index

312153

41  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1781  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | A Survey on Evolutionary Constrained Multiobjective Optimization. IEEE Transactions on Evolutionary Computation, 2023, 27, 201-221.  | 7.5 | 62        |
| 2  | Utilizing the Relationship Between Unconstrained and Constrained Pareto Fronts for Constrained Multiobjective Optimization. IEEE Transactions on Cybernetics, 2023, 53, 3873-3886. | 6.2 | 41        |
| 3  | Dynamic Auxiliary Task-Based Evolutionary Multitasking for Constrained Multiobjective Optimization. IEEE Transactions on Evolutionary Computation, 2023, 27, 642-656.              | 7.5 | 28        |
| 4  | Feature Extraction for Recommendation of Constrained Multiobjective Evolutionary Algorithms. IEEE Transactions on Evolutionary Computation, 2023, 27, 949-963.                     | 7.5 | 12        |
| 5  | Locating multiple roots of nonlinear equation systems via multi-strategy optimization algorithm with sequence quadratic program. Science China Information Sciences, 2022, 65, 1.  | 2.7 | 5         |
| 6  | Dynamic Selection Preference-Assisted Constrained Multiobjective Differential Evolution. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2954-2965.         | 5.9 | 74        |
| 7  | Self-adaptive resources allocation-based differential evolution for constrained evolutionary optimization. Knowledge-Based Systems, 2022, 235, 107653.                             | 4.0 | 40        |
| 8  | An Evolutionary Multitasking Optimization Framework for Constrained Multiobjective Optimization Problems. IEEE Transactions on Evolutionary Computation, 2022, 26, 263-277.        | 7.5 | 60        |
| 9  | A grid-guided particle swarm optimizer for multimodal multi-objective problems. Applied Soft Computing Journal, 2022, 117, 108381.   | 4.1 | 22        |
| 10 | A two-archive model based evolutionary algorithm for multimodal multi-objective optimization problems. Applied Soft Computing Journal, 2022, 119, 108606.                          | 4.1 | 19        |
| 11 | Differential Evolution with Level-Based Learning Mechanism. Complex System Modeling and Simulation, 2022, 2, 35-58.  | 3.2 | 9         |
| 12 | Constrained multiobjective differential evolution algorithm with infeasible-proportion control mechanism. Knowledge-Based Systems, 2022, 250, 109105.                              | 4.0 | 5         |
| 13 | Purpose-directed two-phase multiobjective differential evolution for constrained multiobjective optimization. Swarm and Evolutionary Computation, 2021, 60, 100799.                | 4.5 | 50        |
| 14 | A clustering-based differential evolution algorithm for solving multimodal multi-objective optimization problems. Swarm and Evolutionary Computation, 2021, 60, 100788.            | 4.5 | 74        |
| 15 | Short-term load forecasting using multimodal evolutionary algorithm and random vector functional link network based ensemble learning. Applied Energy, 2021, 285, 116415.          | 5.1 | 28        |
| 16 | Differential evolution using improved crowding distance for multimodal multiobjective optimization. Swarm and Evolutionary Computation, 2021, 62, 100849.                          | 4.5 | 86        |
| 17 | Niche-based cooperative co-evolutionary ensemble neural network for classification. Applied Soft Computing Journal, 2021, 113, 107951.   | 4.1 | 3         |
| 18 | Differential evolution with rankings-based fitness function for constrained optimization problems. Applied Soft Computing Journal, 2021, 113, 108016.                              | 4.1 | 21        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | A Differential Evolution Based Self-Adaptive Multi-Task Evolutionary Algorithm. , 2021, , .   |     | 2         |
| 20 | A two-stage algorithm for solving constrained multi-objective optimization problems. , 2021, , .  |     | 0         |
| 21 | A Self-adaptive Multi-task Differential Evolution Algorithm. , 2021, , .  |     | 0         |
| 22 | An Improved Composite Differential Evolutionary Algorithm with Self-adaptive Mutation Strategy for Identifying Photovoltaic Model Parameters. , 2021, , .                           |     | 2         |
| 23 | A self-organized speciation based multi-objective particle swarm optimizer for multimodal multi-objective problems. Applied Soft Computing Journal, 2020, 86, 105886.               | 4.1 | 79        |
| 24 | Classified perturbation mutation based particle swarm optimization algorithm for parameters extraction of photovoltaic models. Energy Conversion and Management, 2020, 203, 112138. | 4.4 | 144       |
| 25 | Parameters estimation of solar photovoltaic models via a self-adaptive ensemble-based differential evolution. Solar Energy, 2020, 207, 336-346.                                     | 2.9 | 102       |
| 26 | Cooperative co-evolutionary comprehensive learning particle swarm optimizer for formulation design of explosive simulant. Memetic Computing, 2020, 12, 331-341.                     | 2.7 | 5         |
| 27 | Parameters Identification of Photovoltaic Cell and Module Using LSHADE. , 2020, , .   |     | 0         |
| 28 | Evolutionary multi-task optimization for parameters extraction of photovoltaic models. Energy Conversion and Management, 2020, 207, 112509.   | 4.4 | 75        |
| 29 | Ensemble Learning via Multimodal Multiobjective Differential Evolution and Feature Selection. Communications in Computer and Information Science, 2020, , 439-453.                  | 0.4 | 0         |
| 30 | Parameter extraction of the photovoltaic model via an improved composite differential evolution. , 2020, , .  |     | 2         |
| 31 | Multi-objective flow shop scheduling with limited buffers using hybrid self-adaptive differential evolution. Memetic Computing, 2019, 11, 407-422.                                  | 2.7 | 24        |
| 32 | Perturbed stochastic fractal search for solar PV parameter estimation. Energy, 2019, 189, 116247.   | 4.5 | 40        |
| 33 | A performance-guided JAYA algorithm for parameters identification of photovoltaic cell and module. Applied Energy, 2019, 237, 241-257.  | 5.1 | 312       |
| 34 | A self-organizing multimodal multi-objective pigeon-inspired optimization algorithm. Science China Information Sciences, 2019, 62, 1.   | 2.7 | 49        |
| 35 | A novel scalable test problem suite for multimodal multiobjective optimization. Swarm and Evolutionary Computation, 2019, 48, 62-71.  | 4.5 | 103       |
| 36 | Hybridizing cuckoo search algorithm with biogeography-based optimization for estimating photovoltaic model parameters. Solar Energy, 2019, 180, 192-206.                            | 2.9 | 192       |

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|----|---|-----|-----------|
| 37 | Multimodal multiobjective optimization with differential evolution. <i>Swarm and Evolutionary Computation</i> , 2019, 44, 1028-1059.  | 4.5 | 127       |
| 38 | Quadratic interpolation based teaching-learning-based optimization for chemical dynamic system optimization. <i>Knowledge-Based Systems</i> , 2018, 145, 250-263.                                       | 4.0 | 56        |
| 39 | Multiobjective optimization of ethylene cracking furnace system using self-adaptive multiobjective teaching-learning-based optimization. <i>Energy</i> , 2018, 148, 469-481.                            | 4.5 | 49        |
| 40 | Teaching-Learning-Based Optimization with Learning Enthusiasm Mechanism and Its Application in Chemical Engineering. <i>Journal of Applied Mathematics</i> , 2018, 2018, 1-19.                          | 0.4 | 36        |
| 41 | Multiple learning backtracking search algorithm for estimating parameters of photovoltaic models. <i>Applied Energy</i> , 2018, 226, 408-422.   | 5.1 | 271       |
| 42 | Cyclic scheduling for an ethylene cracking furnace system using diversity learning teaching-learning-based optimization. <i>Computers and Chemical Engineering</i> , 2017, 99, 314-324.                 | 2.0 | 26        |
| 43 | Parameters identification of photovoltaic models using self-adaptive teaching-learning-based optimization. <i>Energy Conversion and Management</i> , 2017, 145, 233-246.                                | 4.4 | 198       |
| 44 | Parameters identification of photovoltaic models using an improved JAYA optimization algorithm. <i>Energy Conversion and Management</i> , 2017, 150, 742-753.   | 4.4 | 398       |
| 45 | An improved teaching-learning-based optimization algorithm for numerical and engineering optimization problems. <i>Journal of Intelligent Manufacturing</i> , 2016, 27, 831-843.                        | 4.4 | 100       |
| 46 | Multiple learning particle swarm optimization with space transformation perturbation and its application in ethylene cracking furnace optimization. <i>Knowledge-Based Systems</i> , 2016, 96, 156-170. | 4.0 | 38        |
| 47 | Parameters identification of solar cell models using generalized oppositional teaching learning based optimization. <i>Energy</i> , 2016, 99, 170-180.  | 4.5 | 316       |
| 48 | Constrained optimization based on improved teaching-learning-based optimization algorithm. <i>Information Sciences</i> , 2016, 352-353, 61-78.  | 4.0 | 52        |