

Wenyin Gong

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

2,451
citations

218662

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206102

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docs citations

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times ranked

1456
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Two-Stage Data-Driven Evolutionary Optimization for High-Dimensional Expensive Problems. IEEE Transactions on Cybernetics, 2023, 53, 2368-2379. | 9.5 | 11 |
| 2 | A Constrained Many-Objective Optimization Evolutionary Algorithm With Enhanced Mating and Environmental Selections. IEEE Transactions on Cybernetics, 2023, 53, 4934-4946. | 9.5 | 8 |
| 3 | Constrained evolutionary optimization based on reinforcement learning using the objective function and constraints. Knowledge-Based Systems, 2022, 237, 107731. | 7.1 | 14 |
| 4 | Multimodal optimization via dynamically hybrid niching differential evolution. Knowledge-Based Systems, 2022, 238, 107972. | 7.1 | 7 |
| 5 | A Two-Stage Evolutionary Algorithm With Balanced Convergence and Diversity for Many-Objective Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6222-6234. | 9.3 | 23 |
| 6 | Hypergraph Convolutional Subspace Clustering With Multihop Aggregation for Hyperspectral Image. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 676-686. | 4.9 | 2 |
| 7 | An Ensemble Framework of Evolutionary Algorithm for Constrained Multi-Objective Optimization. Symmetry, 2022, 14, 116. | 2.2 | 0 |
| 8 | A two-stage evolutionary algorithm based on three indicators for constrained multi-objective optimization. Expert Systems With Applications, 2022, 195, 116499. | 7.6 | 26 |
| 9 | Evolution-Driven Randomized Graph Convolutional Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7516-7526. | 9.3 | 7 |
| 10 | Hybrid Niching-Based Differential Evolution With Two Archives for Nonlinear Equation System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7469-7481. | 9.3 | 6 |
| 11 | Constrained multi-objective evolutionary algorithm with an improved two-archive strategy. Knowledge-Based Systems, 2022, 246, 108732. | 7.1 | 5 |
| 12 | A tri-population based co-evolutionary framework for constrained multi-objective optimization problems. Swarm and Evolutionary Computation, 2022, 70, 101055. | 8.1 | 26 |
| 13 | AGSDE: Archive guided speciation-based differential evolution for nonlinear equations. Applied Soft Computing Journal, 2022, 122, 108818. | 7.2 | 8 |
| 14 | Offline data-driven evolutionary optimization based on model selection. Swarm and Evolutionary Computation, 2022, 71, 101080. | 8.1 | 10 |
| 15 | A reinforcement learning based RMOEA/D for bi-objective fuzzy flexible job shop scheduling. Expert Systems With Applications, 2022, 203, 117380. | 7.6 | 54 |
| 16 | Domain Knowledge-Based Evolutionary Reinforcement Learning for Sensor Placement. Sensors, 2022, 22, 3799. | 3.8 | 1 |
| 17 | Sustainable scheduling of distributed permutation flow-shop with non-identical factory using a knowledge-based multi-objective memetic optimization algorithm. Swarm and Evolutionary Computation, 2021, 60, 100803. | 8.1 | 53 |
| 18 | A clustering-based differential evolution with different crowding factors for nonlinear equations system. Applied Soft Computing Journal, 2021, 98, 106733. | 7.2 | 19 |

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Real-time location algorithms of drinking water pollution sources based on domain knowledge. <i>Environmental Science and Pollution Research</i> , 2021, 28, 46266-46280. | 5.3 | 5 |
| 20 | Nonlinear Equations Solving with Intelligent Optimization Algorithms: A Survey. <i>Complex System Modeling and Simulation</i> , 2021, 1, 15-32. | 5.3 | 62 |
| 21 | A comprehensive survey on meta-heuristic algorithms for parameter extraction of photovoltaic models. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 141, 110828. | 16.4 | 82 |
| 22 | Opposition-based JAYA with population reduction for parameter estimation of photovoltaic solar cells and modules. <i>Applied Soft Computing Journal</i> , 2021, 104, 107218. | 7.2 | 58 |
| 23 | A simple two-stage evolutionary algorithm for constrained multi-objective optimization. <i>Knowledge-Based Systems</i> , 2021, 228, 107263. | 7.1 | 29 |
| 24 | An Improved Multioperator-Based Constrained Differential Evolution for Optimal Power Allocation in WSNs. <i>Sensors</i> , 2021, 21, 6271. | 3.8 | 3 |
| 25 | Adaptive constraint differential evolution for optimal power flow. <i>Energy</i> , 2021, 235, 121362. | 8.8 | 40 |
| 26 | Reinforcement learning-based differential evolution for parameters extraction of photovoltaic models. <i>Energy Reports</i> , 2021, 7, 916-928. | 5.1 | 71 |
| 27 | An adaptive differential evolution with decomposition for photovoltaic parameter extraction. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 7363-7388. | 1.9 | 5 |
| 28 | Photovoltaic models parameter estimation via an enhanced Rao-1 algorithm. <i>Mathematical Biosciences and Engineering</i> , 2021, 19, 1128-1153. | 1.9 | 4 |
| 29 | Solving Nonlinear Equations System With Dynamic Repulsion-Based Evolutionary Algorithms. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 1590-1601. | 9.3 | 44 |
| 30 | Finding Multiple Roots of Nonlinear Equation Systems via a Repulsion-Based Adaptive Differential Evolution. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 1499-1513. | 9.3 | 74 |
| 31 | Modified NSGA-III for sensor placement in water distribution system. <i>Information Sciences</i> , 2020, 509, 488-500. | 6.9 | 43 |
| 32 | An enhanced adaptive differential evolution algorithm for parameter extraction of photovoltaic models. <i>Energy Conversion and Management</i> , 2020, 205, 112443. | 9.2 | 169 |
| 33 | A decomposition-based differential evolution with reinitialization for nonlinear equations systems. <i>Knowledge-Based Systems</i> , 2020, 191, 105312. | 7.1 | 19 |
| 34 | A hybrid adaptive teaching-learning-based optimization and differential evolution for parameter identification of photovoltaic models. <i>Energy Conversion and Management</i> , 2020, 225, 113474. | 9.2 | 66 |
| 35 | Memetic niching-based evolutionary algorithms for solving nonlinear equation system. <i>Expert Systems With Applications</i> , 2020, 149, 113261. | 7.6 | 16 |
| 36 | Comparative study on parameter extraction of photovoltaic models via differential evolution. <i>Energy Conversion and Management</i> , 2019, 201, 112113. | 9.2 | 47 |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 37 | Parameter estimation of photovoltaic models with memetic adaptive differential evolution. Solar Energy, 2019, 190, 465-474. | 6.1 | 128 |
| 38 | Fuzzy neighborhood-based differential evolution with orientation for nonlinear equation systems. Knowledge-Based Systems, 2019, 182, 104796. | 7.1 | 36 |
| 39 | Parameter extraction of photovoltaic models using an improved teaching-learning-based optimization. Energy Conversion and Management, 2019, 186, 293-305. | 9.2 | 211 |
| 40 | Fast and accurate parameter extraction for different types of fuel cells with decomposition and nature-inspired optimization method. Energy Conversion and Management, 2018, 174, 913-921. | 9.2 | 34 |
| 41 | A Weighted Biobjective Transformation Technique for Locating Multiple Optimal Solutions of Nonlinear Equation Systems. IEEE Transactions on Evolutionary Computation, 2017, 21, 697-713. | 10.0 | 55 |
| 42 | Optimal Power Allocation of Wireless Sensor Networks with Multi-operator Based Constrained Differential Evolution. Lecture Notes in Computer Science, 2017, , 339-352. | 1.3 | 2 |
| 43 | Parameter extraction of different fuel cell models with transferred adaptive differential evolution. Energy, 2015, 86, 139-151. | 8.8 | 49 |
| 44 | Adaptive Ranking Mutation Operator Based Differential Evolution for Constrained Optimization. IEEE Transactions on Cybernetics, 2015, 45, 716-727. | 9.5 | 191 |
| 45 | Parameter optimization of PEMFC model with improved multi-strategy adaptive differential evolution. Engineering Applications of Artificial Intelligence, 2014, 27, 28-40. | 8.1 | 57 |
| 46 | Engineering optimization by means of an improved constrained differential evolution. Computer Methods in Applied Mechanics and Engineering, 2014, 268, 884-904. | 6.6 | 83 |
| 47 | Parameter identification of an SOFC model with an efficient, adaptive differential evolution algorithm. International Journal of Hydrogen Energy, 2014, 39, 5083-5096. | 7.1 | 53 |
| 48 | Parameter extraction of solar cell models using repaired adaptive differential evolution. Solar Energy, 2013, 94, 209-220. | 6.1 | 312 |
| 49 | A clustering-based differential evolution for global optimization. Applied Soft Computing Journal, 2011, 11, 1363-1379. | 7.2 | 123 |