

Yi Mei

List of Publications by Year in descending order

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161
papers

4,537
citations

201575

27
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133188

59
g-index

183
all docs

183
docs citations

183
times ranked

2172
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Semantic Linear Genetic Programming for Symbolic Regression. IEEE Transactions on Cybernetics, 2024, 54, 1321-1334. | 6.2 | 2 |
| 2 | Learning Heuristics With Different Representations for Stochastic Routing. IEEE Transactions on Cybernetics, 2023, 53, 3205-3219. | 6.2 | 4 |
| 3 | Instance-Rotation-Based Surrogate in Genetic Programming With Brood Recombination for Dynamic Job-Shop Scheduling. IEEE Transactions on Evolutionary Computation, 2023, 27, 1192-1206. | 7.5 | 9 |
| 4 | A Cooperative Coevolution Genetic Programming Hyper-Heuristics Approach for On-Line Resource Allocation in Container-Based Clouds. IEEE Transactions on Cloud Computing, 2022, 10, 1500-1514. | 3.1 | 23 |
| 5 | Genetic Programming With Niching for Uncertain Capacitated Arc Routing Problem. IEEE Transactions on Evolutionary Computation, 2022, 26, 73-87. | 7.5 | 18 |
| 6 | Collaborative Multifidelity-Based Surrogate Models for Genetic Programming in Dynamic Flexible Job Shop Scheduling. IEEE Transactions on Cybernetics, 2022, 52, 8142-8156. | 6.2 | 27 |
| 7 | A Route Clustering and Search Heuristic for Large-Scale Multidepot-Capacitated Arc Routing Problem. IEEE Transactions on Cybernetics, 2022, 52, 8286-8299. | 6.2 | 7 |
| 8 | Adaptive Coordination Ant Colony Optimization for Multipoint Dynamic Aggregation. IEEE Transactions on Cybernetics, 2022, 52, 7362-7376. | 6.2 | 15 |
| 9 | Automated Coordination Strategy Design Using Genetic Programming for Dynamic Multipoint Dynamic Aggregation. IEEE Transactions on Cybernetics, 2022, 52, 13521-13535. | 6.2 | 8 |
| 10 | A Bilevel Ant Colony Optimization Algorithm for Capacitated Electric Vehicle Routing Problem. IEEE Transactions on Cybernetics, 2022, 52, 10855-10868. | 6.2 | 53 |
| 11 | Multitask Genetic Programming-Based Generative Hyperheuristics: A Case Study in Dynamic Scheduling. IEEE Transactions on Cybernetics, 2022, 52, 10515-10528. | 6.2 | 35 |
| 12 | Contribution-Based Cooperative Co-Evolution for Nonseparable Large-Scale Problems With Overlapping Subcomponents. IEEE Transactions on Cybernetics, 2022, 52, 4246-4259. | 6.2 | 15 |
| 13 | Genetic Programming With Knowledge Transfer and Guided Search for Uncertain Capacitated Arc Routing Problem. IEEE Transactions on Evolutionary Computation, 2022, 26, 765-779. | 7.5 | 10 |
| 14 | Confidence-Based Ant Colony Optimization for Capacitated Electric Vehicle Routing Problem With Comparison of Different Encoding Schemes. IEEE Transactions on Evolutionary Computation, 2022, 26, 1394-1408. | 7.5 | 14 |
| 15 | Cooperative Coevolution With Knowledge-Based Dynamic Variable Decomposition for Bilevel Multiobjective Optimization. IEEE Transactions on Evolutionary Computation, 2022, 26, 1553-1565. | 7.5 | 8 |
| 16 | Simplifying Dispatching Rules in Genetic Programming for Dynamic Job Shop Scheduling. Lecture Notes in Computer Science, 2022, , 95-110. | 1.0 | 2 |
| 17 | An Investigation of Multitask Linear Genetic Programming for Dynamic Job Shop Scheduling. Lecture Notes in Computer Science, 2022, , 162-178. | 1.0 | 4 |
| 18 | Graph-based linear genetic programming. , 2022, , . | | 2 |

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| 19 | Local ranking explanation for genetic programming evolved routing policies for uncertain capacitated Arc routing problems. , 2022, , . | | 1 |
| 20 | A multi-objective evolutionary algorithm with new reproduction and decomposition mechanisms for the multi-point dynamic aggregation problem. , 2022, , . | | 3 |
| 21 | Evolutionary Multi-Objective Optimization for Web Service Location Allocation Problem. IEEE Transactions on Services Computing, 2021, 14, 458-471. | 3.2 | 33 |
| 22 | Evolving Scheduling Heuristics via Genetic Programming With Feature Selection in Dynamic Flexible Job-Shop Scheduling. IEEE Transactions on Cybernetics, 2021, 51, 1797-1811. | 6.2 | 120 |
| 23 | Divide-and-conquer large scale capacitated arc routing problems with route cutting off decomposition. Information Sciences, 2021, 553, 208-224. | 4.0 | 12 |
| 24 | Cooperative coevolution for large-scale global optimization based on fuzzy decomposition. Soft Computing, 2021, 25, 3593-3608. | 2.1 | 16 |
| 25 | Genetic Programming with Delayed Routing for Multiobjective Dynamic Flexible Job Shop Scheduling. Evolutionary Computation, 2021, 29, 75-105. | 2.3 | 22 |
| 26 | Correlation Coefficient-Based Recombinative Guidance for Genetic Programming Hyperheuristics in Dynamic Flexible Job Shop Scheduling. IEEE Transactions on Evolutionary Computation, 2021, 25, 552-566. | 7.5 | 43 |
| 27 | Look-Ahead Genetic Programming for Uncertain Capacitated Arc Routing Problem. , 2021, , . | | 1 |
| 28 | Genetic Programming with Archive for Dynamic Flexible Job Shop Scheduling. , 2021, , . | | 6 |
| 29 | Genetic Programming with Algebraic Simplification for Dynamic Job Shop Scheduling. , 2021, , . | | 3 |
| 30 | Surrogate-Assisted Genetic Programming with Diverse Transfer for the Uncertain Capacitated Arc Routing Problem. , 2021, , . | | 1 |
| 31 | A Multi-Objective Genetic Programming Approach with Self-Adaptive $\hat{\pm}$ Dominance to Uncertain Capacitated Arc Routing Problem. , 2021, , . | | 2 |
| 32 | Learning Initialisation Heuristic for Large Scale Vehicle Routing Problem with Genetic Programming. , 2021, , . | | 1 |
| 33 | An Evolutionary Hyper-Heuristic Approach to the Large Scale Vehicle Routing Problem. , 2021, , . | | 3 |
| 34 | Two-stage multi-objective genetic programming with archive for uncertain capacitated arc routing problem. , 2021, , . | | 5 |
| 35 | A novel multi-task genetic programming approach to uncertain capacitated Arc routing problem. , 2021, , . | | 4 |
| 36 | Surrogate-Assisted Evolutionary Multitask Genetic Programming for Dynamic Flexible Job Shop Scheduling. IEEE Transactions on Evolutionary Computation, 2021, 25, 651-665. | 7.5 | 99 |

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| 37 | Substituting clinical features using synthetic medical phrases: Medical text data augmentation techniques. <i>Artificial Intelligence in Medicine</i> , 2021, 120, 102167. | 3.8 | 1 |
| 38 | Genetic Programming for Production Scheduling. , 2021, , . | | 20 |
| 39 | Investigation of Linear Genetic Programming for Dynamic Job Shop Scheduling. , 2021, , . | | 5 |
| 40 | Bi-Objective Splitting Delivery VRP with Loading Constraints and Restricted Access. , 2021, , . | | 1 |
| 41 | An Improved Multi-Objective Genetic Programming Hyper-Heuristic with Archive for Uncertain Capacitated Arc Routing Problem. , 2021, , . | | 0 |
| 42 | Learning Penalisation Criterion of Guided Local Search for Large Scale Vehicle Routing Problem. , 2021, , . | | 0 |
| 43 | An Investigation on Multi-Objective Fish Breeding Program Design. , 2021, , . | | 0 |
| 44 | A Predictive-Reactive Approach with Genetic Programming and Cooperative Coevolution for the Uncertain Capacitated Arc Routing Problem. <i>Evolutionary Computation</i> , 2020, 28, 289-316. | 2.3 | 32 |
| 45 | A fast parallel genetic programming framework with adaptively weighted primitives for symbolic regression. <i>Soft Computing</i> , 2020, 24, 7523-7539. | 2.1 | 7 |
| 46 | Genetic Programming Hyper-Heuristics with Vehicle Collaboration for Uncertain Capacitated Arc Routing Problems. <i>Evolutionary Computation</i> , 2020, 28, 563-593. | 2.3 | 33 |
| 47 | Cluster-based Hyper-Heuristic for Large-Scale Vehicle Routing Problem. , 2020, , . | | 4 |
| 48 | Genetic Programming Hyper-Heuristics with Probabilistic Prototype Tree Knowledge Transfer for Uncertain Capacitated Arc Routing Problems. , 2020, , . | | 10 |
| 49 | A NSGA-II-based Approach for Multi-objective Micro-service Allocation in Container-based Clouds. , 2020, , . | | 7 |
| 50 | A Multi-Objective Genetic Programming Hyper-Heuristic Approach to Uncertain Capacitated Arc Routing Problems. , 2020, , . | | 13 |
| 51 | A Fitness-based Selection Method for Pareto Local Search for Many-Objective Job Shop Scheduling. , 2020, , . | | 5 |
| 52 | A Memetic Algorithm for the Task Allocation Problem on Multi-robot Multi-point Dynamic Aggregation Missions. , 2020, , . | | 8 |
| 53 | A Survey of Evolutionary Computation for Web Service Composition: A Technical Perspective. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2020, 4, 538-554. | 3.4 | 14 |
| 54 | Genetic Programming with Adaptive Search Based on the Frequency of Features for Dynamic Flexible Job Shop Scheduling. <i>Lecture Notes in Computer Science</i> , 2020, , 214-230. | 1.0 | 15 |

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| 55 | Genetic Programming Hyper-heuristic with Cluster Awareness for Stochastic Team Orienteering Problem with Time Windows. , 2020, , . | | 2 |
| 56 | A memetic level-based learning swarm optimizer for large-scale water distribution network optimization. , 2020, , . | | 6 |
| 57 | A Dictionary-based Oversampling Approach to Clinical Document Classification on Small and Imbalanced Dataset. , 2020, , . | | 1 |
| 58 | Diversity-driven Knowledge Transfer for GPHH to Solve Uncertain Capacitated Arc Routing Problem. , 2020, , . | | 4 |
| 59 | Adaptive Search Space through Evolutionary Hyper-Heuristics for the Large-Scale Vehicle Routing Problem. , 2020, , . | | 3 |
| 60 | Towards Interpretable Routing Policy: A Two Stage Multi-Objective Genetic Programming Approach with Feature Selection for Uncertain Capacitated Arc Routing Problem. , 2020, , . | | 4 |
| 61 | A GPHH with Surrogate-assisted Knowledge Transfer for Uncertain Capacitated Arc Routing Problem. , 2020, , . | | 0 |
| 62 | Guided Subtree Selection for Genetic Operators in Genetic Programming for Dynamic Flexible Job Shop Scheduling. Lecture Notes in Computer Science, 2020, , 262-278. | 1.0 | 17 |
| 63 | A Group Genetic Algorithm for Resource Allocation in Container-Based Clouds. Lecture Notes in Computer Science, 2020, , 180-196. | 1.0 | 8 |
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| 66 | A Hybrid Genetic Programming Algorithm for Automated Design of Dispatching Rules. Evolutionary Computation, 2019, 27, 467-496. | 2.3 | 50 |
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| 70 | A two-stage genetic programming hyper-heuristic approach with feature selection for dynamic flexible job shop scheduling. , 2019, , . | | 44 |
| 71 | A Hybrid Genetic Programming Hyper-Heuristic Approach for Online Two-level Resource Allocation in Container-based Clouds. , 2019, , . | | 20 |
| 72 | Active Sampling for Dynamic Job Shop Scheduling using Genetic Programming. , 2019, , . | | 3 |

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| 73 | Can Stochastic Dispatching Rules Evolved by Genetic Programming Hyper-heuristics Help in Dynamic Flexible Job Shop Scheduling?. , 2019, , . | | 13 |
| 74 | Evolving Dispatching Rules for Multi-objective Dynamic Flexible Job Shop Scheduling via Genetic Programming Hyper-heuristics. , 2019, , . | | 41 |
| 75 | Genetic programming hyper-heuristic with knowledge transfer for uncertain capacitated arc routing problem. , 2019, , . | | 24 |
| 76 | A survey on evolutionary machine learning. Journal of the Royal Society of New Zealand, 2019, 49, 205-228. | 1.0 | 159 |
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| 79 | Evolving Ensembles of Routing Policies using Genetic Programming for Uncertain Capacitated Arc Routing Problem. , 2019, , . | | 11 |
| 80 | Multitasking Genetic Programming for Stochastic Team Orienteering Problem with Time Windows. , 2019, , . | | 7 |
| 81 | Novel Genetic Algorithm with Dual Chromosome Representation for Resource Allocation in Container-Based Clouds. , 2019, , . | | 18 |
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| 83 | Stratifying Risk of Coronary Artery Disease Using Discriminative Knowledge-Guided Medical Concept Pairings from Clinical Notes. Lecture Notes in Computer Science, 2019, , 457-473. | 1.0 | 2 |
| 84 | Genetic Programming with Pareto Local Search for Many-Objective Job Shop Scheduling. Lecture Notes in Computer Science, 2019, , 536-548. | 1.0 | 4 |
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| 88 | Evolutionary computation for automatic Web service composition: an indirect representation approach. Journal of Heuristics, 2018, 24, 425-456. | 1.1 | 22 |
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| 94 | Investigating a Machine Breakdown Genetic Programming Approach for Dynamic Job Shop Scheduling. Lecture Notes in Computer Science, 2018, , 253-270. | 1.0 | 9 |
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| 96 | Genetic programming hyper-heuristic for multi-vehicle uncertain capacitated arc routing problem. , 2018, , . | | 28 |
| 97 | A Genetic Programming Hyper-heuristic Approach for Online Resource Allocation in Container-Based Clouds. Lecture Notes in Computer Science, 2018, , 146-152. | 1.0 | 8 |
| 98 | An Improved Genetic Programming Hyper-Heuristic for the Uncertain Capacitated Arc Routing Problem. Lecture Notes in Computer Science, 2018, , 432-444. | 1.0 | 17 |
| 99 | Genetic Programming with Multi-tree Representation for Dynamic Flexible Job Shop Scheduling. Lecture Notes in Computer Science, 2018, , 472-484. | 1.0 | 28 |
| 100 | Surrogate-Assisted Genetic Programming for Dynamic Flexible Job Shop Scheduling. Lecture Notes in Computer Science, 2018, , 766-772. | 1.0 | 18 |
| 101 | Evolutionary Multitask Optimisation for Dynamic Job Shop Scheduling Using Niche Genetic Programming. Lecture Notes in Computer Science, 2018, , 739-751. | 1.0 | 14 |
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| 108 | Geometric Semantic Crossover with an Angle-Aware Mating Scheme in Genetic Programming for Symbolic Regression. Lecture Notes in Computer Science, 2017, , 229-245. | 1.0 | 8 |

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| 109 | Automated state feature learning for actor-critic reinforcement learning through NEAT. , 2017, , . | | 0 |
| 110 | Automated heuristic design using genetic programming hyper-heuristic for uncertain capacitated arc routing problem. , 2017, , . | | 47 |
| 111 | Fragment-based genetic programming for fully automated multi-objective web service composition. , 2017, , . | | 10 |
| 112 | An Efficient Feature Selection Algorithm for Evolving Job Shop Scheduling Rules With Genetic Programming. IEEE Transactions on Emerging Topics in Computational Intelligence, 2017, 1, 339-353. | 3.4 | 73 |
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| 140 | Particle Swarm Optimization for Multi-Objective Web Service Location Allocation. Lecture Notes in Computer Science, 2016, , 219-234. | 1.0 | 5 |
| 141 | Evolving Self-Adaptive Tabu Search Algorithm for Storage Location Assignment Problems. , 2015, , . | | 4 |
| 142 | Heuristic evolution with genetic programming for traveling thief problem. , 2015, , . | | 19 |
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| 146 | Effective decomposition of large-scale separable continuous functions for cooperative co-evolutionary algorithms. , 2014, , . | | 43 |
| 147 | Improving Efficiency of Heuristics for the Large Scale Traveling Thief Problem. Lecture Notes in Computer Science, 2014, , 631-643. | 1.0 | 32 |
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| 151 | Decomposing Large-Scale Capacitated Arc Routing Problems using a random route grouping method. , 2013, , . | | 14 |
| 152 | Evolutionary Computation for Dynamic Capacitated Arc Routing Problem. Studies in Computational Intelligence, 2013, , 377-401. | 0.7 | 5 |
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| 155 | Portfolio Optimization through Data Conditioning and Aggregation. , 2011, , . | | 9 |
| 156 | Capacitated arc routing problem in uncertain environments. , 2010, , . | | 47 |
| 157 | Memetic algorithm with heuristic candidate list strategy for Capacitated Arc Routing Problem. , 2010, , . | | 8 |
| 158 | Improved memetic algorithm for Capacitated Arc Routing Problem. , 2009, , . | | 20 |
| 159 | Memetic Algorithm With Extended Neighborhood Search for Capacitated Arc Routing Problems. IEEE Transactions on Evolutionary Computation, 2009, 13, 1151-1166. | 7.5 | 176 |
| 160 | A Global Repair Operator for Capacitated Arc Routing Problem. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 723-734. | 5.5 | 50 |
| 161 | Joint forward error correction and error concealment for compressed video. , 0, , . | | 5 |