

Xiaoying Gao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5423599/publications.pdf>

Version: 2024-02-01

70
papers

1,518
citations

516561

16
h-index

377752

34
g-index

72
all docs

72
docs citations

72
times ranked

910
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	Knowledge Transfer Genetic Programming With Auxiliary Population for Solving Uncertain Capacitated Arc Routing Problem. IEEE Transactions on Evolutionary Computation, 2023, 27, 311-325.	7.5	1
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	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
7	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
8	Evolutionary Multi-Objective Optimization for Web Service Location Allocation Problem. IEEE Transactions on Services Computing, 2021, 14, 458-471.	3.2	33
9	Divide-and-conquer large scale capacitated arc routing problems with route cutting off decomposition. Information Sciences, 2021, 553, 208-224.	4.0	12
10	Output-based transfer learning in genetic programming for document classification. Knowledge-Based Systems, 2021, 212, 106597.	4.0	4
11	Cooperative coevolution for large-scale global optimization based on fuzzy decomposition. Soft Computing, 2021, 25, 3593-3608.	2.1	16
12	Genetic Programming with Delayed Routing for Multiobjective Dynamic Flexible Job Shop Scheduling. Evolutionary Computation, 2021, 29, 75-105.	2.3	22
13	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
14	Look-Ahead Genetic Programming for Uncertain Capacitated Arc Routing Problem. , 2021, , .		1
15	Genetic Programming with Archive for Dynamic Flexible Job Shop Scheduling. , 2021, , .		6
16	Genetic Programming with Algebraic Simplification for Dynamic Job Shop Scheduling. , 2021, , .		3
17	Surrogate-Assisted Genetic Programming with Diverse Transfer for the Uncertain Capacitated Arc Routing Problem. , 2021, , .		1
18	A Multi-Objective Genetic Programming Approach with Self-Adaptive $\hat{\mu}$ Dominance to Uncertain Capacitated Arc Routing Problem. , 2021, , .		2

#	ARTICLE	IF	CITATIONS
19	Surrogate-Assisted Evolutionary Multitask Genetic Programming for Dynamic Flexible Job Shop Scheduling. IEEE Transactions on Evolutionary Computation, 2021, 25, 651-665.	7.5	99
20	Substituting clinical features using synthetic medical phrases: Medical text data augmentation techniques. Artificial Intelligence in Medicine, 2021, 120, 102167.	3.8	1
21	Evolving Character-Level DenseNet Architectures Using Genetic Programming. Lecture Notes in Computer Science, 2021, , 665-680.	1.0	5
22	What Emotion Is Hate? Incorporating Emotion Information into the Hate Speech Detection Task. Lecture Notes in Computer Science, 2021, , 273-286.	1.0	1
23	Fake News Detection Using Multiple-View Text Representation. Lecture Notes in Computer Science, 2021, , 100-112.	1.0	2
24	Investigation of Linear Genetic Programming for Dynamic Job Shop Scheduling. , 2021, , .		5
25	An Improved Multi-Objective Genetic Programming Hyper-Heuristic with Archive for Uncertain Capacitated Arc Routing Problem. , 2021, , .		0
26	An Investigation on Multi-Objective Fish Breeding Program Design. , 2021, , .		0
27	A Predictive-Reactive Approach with Genetic Programming and Cooperative Coevolution for the Uncertain Capacitated Arc Routing Problem. Evolutionary Computation, 2020, 28, 289-316.	2.3	32
28	A fast parallel genetic programming framework with adaptively weighted primitives for symbolic regression. Soft Computing, 2020, 24, 7523-7539.	2.1	7
29	A novel methodology for architectural wind environment study by integrating CFD simulation, multiple parametric tools and evaluation criteria. Building Simulation, 2020, 13, 609-625.	3.0	6
30	Genetic Programming Hyper-Heuristics with Vehicle Collaboration for Uncertain Capacitated Arc Routing Problems. Evolutionary Computation, 2020, 28, 563-593.	2.3	33
31	Genetic Programming Hyper-Heuristics with Probabilistic Prototype Tree Knowledge Transfer for Uncertain Capacitated Arc Routing Problems. , 2020, , .		10
32	A NSGA-II-based Approach for Multi-objective Micro-service Allocation in Container-based Clouds. , 2020, , .		7
33	A Multi-Objective Genetic Programming Hyper-Heuristic Approach to Uncertain Capacitated Arc Routing Problems. , 2020, , .		13
34	A Fitness-based Selection Method for Pareto Local Search for Many-Objective Job Shop Scheduling. , 2020, , .		5
35	A Memetic Algorithm for the Task Allocation Problem on Multi-robot Multi-point Dynamic Aggregation Missions. , 2020, , .		8
36	A Survey of Evolutionary Computation for Web Service Composition: A Technical Perspective. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, 4, 538-554.	3.4	14

#	ARTICLE	IF	CITATIONS
37	A filter-based feature construction and feature selection approach for classification using Genetic Programming. Knowledge-Based Systems, 2020, 196, 105806.	4.0	39
38	Genetic Programming Hyper-heuristic with Cluster Awareness for Stochastic Team Orienteering Problem with Time Windows. , 2020, , .		2
39	In Data We Trust: A Critical Analysis of Hate Speech Detection Datasets. , 2020, , .		17
40	Potential Early Identification of a Large Campylobacter Outbreak Using Alternative Surveillance Data Sources: Autoregressive Modelling and Spatiotemporal Clustering. JMIR Public Health and Surveillance, 2020, 6, e18281.	1.2	5
41	A Dictionary-based Oversampling Approach to Clinical Document Classification on Small and Imbalanced Dataset. , 2020, , .		1
42	Diversity-driven Knowledge Transfer for GPHH to Solve Uncertain Capacitated Arc Routing Problem. , 2020, , .		4
43	A GA-Based Approach to Fine-Tuning BERT for Hate Speech Detection. , 2020, , .		9
44	A GPHH with Surrogate-assisted Knowledge Transfer for Uncertain Capacitated Arc Routing Problem. , 2020, , .		0
45	A Hybrid Genetic Programming Algorithm for Automated Design of Dispatching Rules. Evolutionary Computation, 2019, 27, 467-496.	2.3	50
46	Genetic Programming based Transfer Learning for Document Classification with Self-taught and Ensemble Learning. , 2019, , .		4
47	An Ontology-based Two-Stage Approach to Medical Text Classification with Feature Selection by Particle Swarm Optimisation. , 2019, , .		11
48	Transfer Learning in Genetic Programming Hyper-heuristic for Solving Uncertain Capacitated Arc Routing Problem. , 2019, , .		19
49	A Hybrid Genetic Programming Hyper-Heuristic Approach for Online Two-level Resource Allocation in Container-based Clouds. , 2019, , .		20
50	Active Sampling for Dynamic Job Shop Scheduling using Genetic Programming. , 2019, , .		3
51	Can Stochastic Dispatching Rules Evolved by Genetic Programming Hyper-heuristics Help in Dynamic Flexible Job Shop Scheduling?. , 2019, , .		13
52	Evolving Dispatching Rules for Multi-objective Dynamic Flexible Job Shop Scheduling via Genetic Programming Hyper-heuristics. , 2019, , .		41
53	A survey on evolutionary machine learning. Journal of the Royal Society of New Zealand, 2019, 49, 205-228.	1.0	159
54	Novel Genetic Algorithm with Dual Chromosome Representation for Resource Allocation in Container-Based Clouds. , 2019, , .		18

#	ARTICLE	IF	CITATIONS
55	The Thin Line Between Hate and Profanity. Lecture Notes in Computer Science, 2019, , 344-356.	1.0	10
56	Guest editorial: special issue on automated design and adaptation of heuristics for scheduling and combinatorial optimisation. Genetic Programming and Evolvable Machines, 2018, 19, 5-7.	1.5	0
57	Evolutionary computation for automatic Web service composition: an indirect representation approach. Journal of Heuristics, 2018, 24, 425-456.	1.1	22
58	An investigation of ensemble combination schemes for genetic programming based hyper-heuristic approaches to dynamic job shop scheduling. Applied Soft Computing Journal, 2018, 63, 72-86.	4.1	83
59	Genetic Programming Hyper-Heuristic for Stochastic Team Orienteering Problem with Time Windows. , 2018, , .		7
60	A Hybrid Memetic Approach for Fully Automated Multi-Objective Web Service Composition. , 2018, , .		7
61	DG2: A Faster and More Accurate Differential Grouping for Large-Scale Black-Box Optimization. IEEE Transactions on Evolutionary Computation, 2017, 21, 929-942.	7.5	241
62	A time-varying transfer function for balancing the exploration and exploitation ability of a binary PSO. Applied Soft Computing Journal, 2017, 59, 182-196.	4.1	72
63	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
64	Evolving dispatching rules for dynamic Job shop scheduling with uncertain processing times. , 2017, , .		6
65	Evolving heuristics for Dynamic Vehicle Routing with Time Windows using genetic programming. , 2017, , .		37
66	A memetic algorithm-based indirect approach to web service composition. , 2016, , .		4
67	Many-objective genetic programming for job-shop scheduling. , 2016, , .		37
68	Evolutionary web service composition: A graph-based memetic algorithm. , 2016, , .		8
69	Dynamic selection of evolutionary operators based on online learning and fitness landscape analysis. Soft Computing, 2016, 20, 3889-3914.	2.1	18
70	A comprehensive analysis on reusability of GP-evolved job shop dispatching rules. , 2016, , .		9