

Yuan Yuan

List of Publications by Year in descending order

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27
papers

2,123
citations

566801

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887659

17
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27
all docs

27
docs citations

27
times ranked

1623
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Dominance Relation-Based Evolutionary Algorithm for Many-Objective Optimization. IEEE Transactions on Evolutionary Computation, 2016, 20, 16-37.	7.5	573
2	Balancing Convergence and Diversity in Decomposition-Based Many-Objective Optimizers. IEEE Transactions on Evolutionary Computation, 2016, 20, 180-198.	7.5	329
3	Multiobjective Flexible Job Shop Scheduling Using Memetic Algorithms. IEEE Transactions on Automation Science and Engineering, 2015, 12, 336-353.	3.4	196
4	A hybrid harmony search algorithm for the flexible job shop scheduling problem. Applied Soft Computing Journal, 2013, 13, 3259-3272.	4.1	143
5	A QoS-aware virtual machine scheduling method for energy conservation in cloud-based cyber-physical systems. World Wide Web, 2020, 23, 1275-1297.	2.7	141
6	An improved NSGA-III procedure for evolutionary many-objective optimization. , 2014, , .		102
7	ARJA: Automated Repair of Java Programs via Multi-Objective Genetic Programming. IEEE Transactions on Software Engineering, 2020, 46, 1040-1067.	4.3	93
8	Flexible job shop scheduling using hybrid differential evolution algorithms. Computers and Industrial Engineering, 2013, 65, 246-260.	3.4	88
9	Objective Reduction in Many-Objective Optimization: Evolutionary Multiobjective Approaches and Comprehensive Analysis. IEEE Transactions on Evolutionary Computation, 2018, 22, 189-210.	7.5	73
10	Evolutionary multitasking in permutation-based combinatorial optimization problems: Realization with TSP, QAP, LOP, and JSP. , 2016, , .		70
11	An integrated search heuristic for large-scale flexible job shop scheduling problems. Computers and Operations Research, 2013, 40, 2864-2877.	2.4	65
12	Multiobjective computation offloading for workflow management in cloudlet-based mobile cloud using NSGA-II. Computational Intelligence, 2019, 35, 476-495.	2.1	46
13	A clustering-ranking method for many-objective optimization. Applied Soft Computing Journal, 2015, 35, 681-694.	4.1	43
14	Blockchain-based cloudlet management for multimedia workflow in mobile cloud computing. Multimedia Tools and Applications, 2020, 79, 9819-9844.	2.6	30
15	Toward Better Evolutionary Program Repair. ACM Transactions on Software Engineering and Methodology, 2020, 29, 1-53.	4.8	27
16	Expensive Multiobjective Evolutionary Optimization Assisted by Dominance Prediction. IEEE Transactions on Evolutionary Computation, 2022, 26, 159-173.	7.5	23
17	Performance Evaluation of Visual Tracking Algorithms on Video Sequences With Quality Degradation. IEEE Access, 2017, 5, 2430-2441.	2.6	21
18	A Heuristic Virtual Machine Scheduling Method for Load Balancing in Fog-Cloud Computing. , 2018, , .		15

#	ARTICLE	IF	CITATIONS
19	An Experimental Investigation of Variation Operators in Reference-Point Based Many-Objective Optimization. , 2015, , .		14
20	Privacy-Aware Data Offloading for Mobile Devices in Edge Computing. , 2019, , .		9
21	Intrusion Detection and Prevention in Cloud, Fog, and Internet of Things. Security and Communication Networks, 2019, 2019, 1-4.	1.0	8
22	Energy-Efficient Computation Offloading with Privacy Preservation for Edge Computing-Enabled 5G Networks. , 2019, , .		4
23	Joint Optimization of Energy Conservation and Migration Cost for Complex Systems in Edge Computing. Complexity, 2019, 2019, 1-14.	0.9	4
24	A Workflow Scheduling Method for Cloudlet Management in Mobile Cloud. , 2018, , .		3
25	An Energy-Aware Virtual Machine Scheduling Method for Cloudlets in Wireless Metropolitan Area Networks. , 2018, , .		2
26	Energy-Efficient Computation Offloading in Cloudlet-Based Mobile Cloud Using NSGA-II. , 2018, , .		1
27	An Evolutionary System for Better Automatic Software Repair. Genetic and Evolutionary Computation, 2020, , 383-406.	1.0	0