

Jun Zhang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

535
papers

14,094
citations

58
h-index

103
g-index

623
ext. papers

18,422
ext. citations

5.5
avg, IF

7.25
L-index

#	Paper	IF	Citations
535	Sulfite may disrupt estrogen homeostasis in human via inhibition of steroid arylsulfatase.. <i>Environmental Science and Pollution Research</i> , 2022 , 29, 19913	5.1	0
534	An Evolutionary Guardrail Layout Design Framework for Crowd Control in Subway Stations. <i>IEEE Transactions on Computational Social Systems</i> , 2022 , 1-14	4.5	0
533	Evolutionary Computation for Expensive Optimization: A Survey 2022 , 19, 3-23		7
532	Evolutionary deep learning: A survey. <i>Neurocomputing</i> , 2022 , 483, 42-58	5.4	7
531	Distributed Differential Evolution With Adaptive Resource Allocation.. <i>IEEE Transactions on Cybernetics</i> , 2022 , PP,	10.2	5
530	Memory-Based Ant Colony System Approach for Multi-Source Data Associated Dynamic Electric Vehicle Dispatch Optimization. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-15	6.1	3
529	Stochastic Cognitive Dominance Leading Particle Swarm Optimization for Multimodal Problems. <i>Mathematics</i> , 2022 , 10, 761	2.3	6
528	A Dimension Group-Based Comprehensive Elite Learning Swarm Optimizer for Large-Scale Optimization. <i>Mathematics</i> , 2022 , 10, 1072	2.3	1
527	Stochastic Triad Topology Based Particle Swarm Optimization for Global Numerical Optimization. <i>Mathematics</i> , 2022 , 10, 1032	2.3	2
526	Activity measurement of arylsulfatase and β glucuronidase in activated sludge: HPLC-based versus classical spectrophotometric method.. <i>Water Environment Research</i> , 2022 , 94, e10704	2.8	0
525	Evolutionary Computation for Intelligent Transportation in Smart Cities: A Survey [Review Article]. <i>IEEE Computational Intelligence Magazine</i> , 2022 , 17, 83-102	5.6	5
524	Predominant Cognitive Learning Particle Swarm Optimization for Global Numerical Optimization. <i>Mathematics</i> , 2022 , 10, 1620	2.3	2
523	An Adaptive Ant Colony System Based on Variable Range Receding Horizon Control for Berth Allocation Problem. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-12	6.1	0
522	Proximity-Based MAENS for Capacitated Multiple Traveling Salesmen Problem. <i>Lecture Notes in Networks and Systems</i> , 2022 , 22-33	0.5	0
521	Evolutionary Divide-and-Conquer Algorithm for Virus Spreading Control Over Networks. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 3752-3766	10.2	5
520	Maximizing Lifetime of Range-Adjustable Wireless Sensor Networks: A Neighborhood-Based Estimation of Distribution Algorithm. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 5433-5444	10.2	13
519	Elastic Differential Evolution for Automatic Data Clustering. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 4134-4147	10.2	1

518	An Adaptive Level-Based Learning Swarm Optimizer for Large-Scale Optimization 2021 ,		1
517	Distributed Memetic Algorithm for Outsourced Database Fragmentation. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 4808-4821	10.2	17
516	Generation-Level Parallelism for Evolutionary Computation: A Pipeline-Based Parallel Particle Swarm Optimization. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 4848-4859	10.2	16
515	A Meta-Knowledge Transfer-based Differential Evolution for Multitask Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2021 , 1-1	15.6	6
514	Stability properties of natural estrogen conjugates in different aqueous samples at room temperature and tips for sample storage. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	0
513	Optimizing Niche Center for Multimodal Optimization Problems.. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	1
512	Probabilistic Multimodal Optimization. <i>Natural Computing Series</i> , 2021 , 191-228	2.5	0
511	Towards Generalized Resource Allocation on Evolutionary Multitasking for Multi-Objective Optimization. <i>IEEE Computational Intelligence Magazine</i> , 2021 , 16, 20-37	5.6	3
510	Data-Driven Evolutionary Algorithm With Perturbation-Based Ensemble Surrogates. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 3925-3937	10.2	25
509	Ant Colony Evacuation Planner: An Ant Colony System With Incremental Flow Assignment for Multipath Crowd Evacuation. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 5559-5572	10.2	8
508	Inhibition Properties of Arylsulfatase and β Glucuronidase by Hydrogen Peroxide, Hypochlorite, and Peracetic Acid. <i>ACS Omega</i> , 2021 , 6, 8163-8170	3.9	4
507	Multiple populations co-evolutionary particle swarm optimization for multi-objective cardinality constrained portfolio optimization problem. <i>Neurocomputing</i> , 2021 , 430, 58-70	5.4	10
506	Deep-learning-enabled inverse engineering of multi-wavelength invisibility-to-superscattering switching with phase-change materials. <i>Optics Express</i> , 2021 , 29, 10527-10537	3.3	5
505	An agile vehicle-based dynamic user equilibrium scheme for urban traffic signal control. <i>IET Intelligent Transport Systems</i> , 2021 , 15, 619-634	2.4	1
504	Three-Dimensional Elastodynamic Analysis Employing Partially Discontinuous Boundary Elements. <i>Algorithms</i> , 2021 , 14, 129	1.8	0
503	Immediate postoperative experiences before discharge among patients with rectal cancer and a permanent colostomy: A qualitative study. <i>European Journal of Oncology Nursing</i> , 2021 , 51, 101911	2.8	1
502	Prognostic significance of systemic immune-inflammation index-based nomogram for early stage hepatocellular carcinoma after radiofrequency ablation. <i>Journal of Gastrointestinal Oncology</i> , 2021 , 12, 735-750	2.8	1
501	The significance of an integrated management mode of prenatal diagnosis-postnatal treatment for critical congenital heart disease in newborns. <i>Cardiovascular Diagnosis and Therapy</i> , 2021 , 11, 447-456	2.6	0

500	Association of Sleepwalking and REM Sleep Behavior Disorder With Parkinson Disease in Men. <i>JAMA Network Open</i> , 2021 , 4, e215713	10.4	2
499	Measuring the impact of novelty, bibliometric, and academic-network factors on citation count using a neural network. <i>Journal of Informetrics</i> , 2021 , 15, 101140	3.1	3
498	Nomogram Based on Neutrophil-to-Lymphocyte Ratio and Platelet-to-Lymphocyte Ratio to Predict Recurrence in Patients with Hepatocellular Carcinoma after Radiofrequency Ablation. <i>CardioVascular and Interventional Radiology</i> , 2021 , 44, 1551-1560	2.7	2
497	Predictors and patterns of recurrence after radiofrequency ablation for hepatocellular carcinoma within up-to-seven criteria: A multicenter retrospective study. <i>European Journal of Radiology</i> , 2021 , 138, 109623	4.7	2
496	Hyperion Image Analysis Depicts a Preliminary Landscape of Tumor Immune Microenvironment in OSCC with Lymph Node Metastasis. <i>Journal of Immunology Research</i> , 2021 , 2021, 9975423	4.5	3
495	SAFE: Scale-Adaptive Fitness Evaluation Method for Expensive Optimization Problems. <i>IEEE Transactions on Evolutionary Computation</i> , 2021 , 25, 478-491	15.6	22
494	Multi-criteria differential evolution 2021 ,		3
493	Using the aMAP Risk Score to Predict Late Recurrence Following Radiofrequency Ablation for Hepatocellular Carcinoma in Chinese Population: A Multicenter Study. <i>Journal of Hepatocellular Carcinoma</i> , 2021 , 8, 837-850	5.3	
492	Adaptive Granularity Learning Distributed Particle Swarm Optimization for Large-Scale Optimization. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 1175-1188	10.2	53
491	Explicit Evolutionary Multitasking for Combinatorial Optimization: A Case Study on Capacitated Vehicle Routing Problem. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 3143-3156	10.2	32
490	Toward Adaptive Knowledge Transfer in Multifactorial Evolutionary Computation. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 2563-2576	10.2	33
489	Distributed Virtual Network Embedding System With Historical Archives and Set-Based Particle Swarm Optimization. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 927-942	7.3	21
488	An Intelligent Cloud Workflow Scheduling System With Time Estimation and Adaptive Ant Colony Optimization. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 634-649	7.3	16
487	Real-Time TaxiPassenger Matching Using a Differential Evolutionary Fuzzy Controller. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 2712-2725	7.3	4
486	Efficient Hyperparameter Optimization for Convolution Neural Networks in Deep Learning: A Distributed Particle Swarm Optimization Approach. <i>Cybernetics and Systems</i> , 2021 , 52, 36-57	1.9	17
485	FDA Approval Summary: Alpelisib Plus Fulvestrant for Patients with HR-positive, HER2-negative, PIK3CA-mutated, Advanced or Metastatic Breast Cancer. <i>Clinical Cancer Research</i> , 2021 , 27, 1842-1849	12.9	33
484	A Classifier-Assisted Level-Based Learning Swarm Optimizer for Expensive Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2021 , 25, 219-233	15.6	15
483	Handling Uncertainty in Financial Decision Making: A Clustering Estimation of Distribution Algorithm With Simplified Simulation. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2021 , 5, 42-56	4.1	3

482	HiSCF: leveraging higher-order structures for clustering analysis in biological networks. <i>Bioinformatics</i> , 2021 , 37, 542-550	7.2	27
481	An Elite Gene Guided Reproduction Operator for Many-Objective Optimization. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 765-778	10.2	7
480	Large-Scale Evolution Strategy Based on Search Direction Adaptation. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 1651-1665	10.2	9
479	Solving Generalized Vehicle Routing Problem With Occasional Drivers via Evolutionary Multitasking. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 3171-3184	10.2	21
478	Density-Enhanced Multiobjective Evolutionary Approach for Power Economic Dispatch Problems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 2054-2067	7.3	6
477	Multi Population Ant Colony System with Knowledge based Local Searches for Multiobjective Supply Chain Configuration. <i>IEEE Transactions on Evolutionary Computation</i> , 2021 , 1-1	15.6	7
476	Bipartite Cooperative Coevolution for Energy-Aware Coverage Path Planning of UAVs. <i>IEEE Transactions on Artificial Intelligence</i> , 2021 , 1-1	4.7	3
475	Adaptive Estimation Distribution Distributed Differential Evolution for Multimodal Optimization Problems. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	3
474	Resource-Aware Distributed Differential Evolution for Training Expensive Neural-Network-Based Controller in Power Electronic Circuit. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	9
473	Recent Progress in the Synthesis of Medium-Sized Ring and Macrocyclic Compounds. <i>Chinese Journal of Organic Chemistry</i> , 2021 , 1878	3	2
472	Many-Objective Job-Shop Scheduling: A Multiple Populations for Multiple Objectives-Based Genetic Algorithm Approach. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	5
471	Surrogate-Assisted Hybrid-Model Estimation of Distribution Algorithm for Mixed-Variable Hyperparameters Optimization in Convolutional Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	5
470	Matrix-Based Evolutionary Computation. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2021 , 1-14	4.1	17
469	A Multiobjective Framework for Many-Objective Optimization. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	6
468	TurboIKOS: Improved Non-interactive Zero Knowledge and Post-quantum Signatures. <i>Lecture Notes in Computer Science</i> , 2021 , 365-395	0.9	2
467	A Coevolutionary Estimation of Distribution Algorithm for Group Insurance Portfolio. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-15	7.3	2
466	A niching cross-entropy method for multimodal satellite layout optimization design. <i>Complex & Intelligent Systems</i> , 2021 , 7, 1971	7.1	2
465	Right Ventricular Function and Its Coupling With Pulmonary Circulation in Precapillary Pulmonary Hypertension: A Three-Dimensional Echocardiographic Study. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 690606	5.4	1

464	Region Encoding Helps Evolutionary Computation Evolve Faster: A New Solution Encoding Scheme in Particle Swarm for Large-Scale Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2021 , 25, 779-793	15.6	22
463	Right Ventricular Function Predicts Adverse Clinical Outcomes in Patients With Chronic Thromboembolic Pulmonary Hypertension: A Three-Dimensional Echocardiographic Study. <i>Frontiers in Medicine</i> , 2021 , 8, 697396	4.9	0
462	Deep learning powered coronary CT angiography for detecting obstructive coronary artery disease: The effect of reader experience, calcification and image quality. <i>European Journal of Radiology</i> , 2021 , 142, 109835	4.7	3
461	Associations of low level of fluoride exposure with dental fluorosis among U.S. children and adolescents, NHANES 2015-2016. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 221, 112439	7	5
460	A Systemic Inflammation Response Index (SIRI)-Based Nomogram for Predicting the Recurrence of Early Stage Hepatocellular Carcinoma After Radiofrequency Ablation. <i>CardioVascular and Interventional Radiology</i> , 2021 , 1	2.7	0
459	Integration of organic and inorganic photothermal probes for enhanced photothermometric sensing of silver ions. <i>Chemical Communications</i> , 2021 , 57, 9252-9255	5.8	0
458	Multi-objective Emergency Resource Dispatch Based on Coevolutionary Multiswarm Particle Swarm Optimization. <i>Lecture Notes in Computer Science</i> , 2021 , 746-758	0.9	1
457	An Adaptive Covariance Scaling Estimation of Distribution Algorithm. <i>Mathematics</i> , 2021 , 9, 3207	2.3	4
456	Propensity score-based comparison of survival and radiation pneumonitis after definitive chemoradiation for esophageal cancer: Intensity-modulated radiotherapy versus three-dimensional conformal radiotherapy. <i>Radiotherapy and Oncology</i> , 2020 , 149, 228-235	5.3	2
455	A Multi-Objective Ant Colony System Algorithm for Airline Crew Rostering Problem With Fairness and Satisfaction. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 1-15	6.1	28
454	Unmet supportive care needs and associated factors among Chinese discharged patients with esophageal cancer after esophagectomy: A cross-sectional study. <i>European Journal of Oncology Nursing</i> , 2020 , 46, 101767	2.8	4
453	A Probabilistic Niching Evolutionary Computation Framework Based on Binary Space Partitioning. <i>IEEE Transactions on Cybernetics</i> , 2020 ,	10.2	1
452	A Fast Efficient Local Search-Based Algorithm for Multi-Objective Supply Chain Configuration Problem. <i>IEEE Access</i> , 2020 , 8, 62924-62931	3.5	3
451	Boosting Data-Driven Evolutionary Algorithm With Localized Data Generation. <i>IEEE Transactions on Evolutionary Computation</i> , 2020 , 24, 923-937	15.6	37
450	A deep learning approach to characterize 2019 coronavirus disease (COVID-19) pneumonia in chest CT images. <i>European Radiology</i> , 2020 , 30, 6517-6527	8	89
449	Decomposition Based Multi-Objective Variable Neighborhood Descent Algorithm for Logistics Dispatching. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2020 , 1-14	4.1	3
448	Scheduling Workflows with Composite Tasks: A Nested Particle Swarm Optimization Approach. <i>IEEE Transactions on Services Computing</i> , 2020 , 1-1	4.8	3
447	Concurrent optimization of multiple base learners in neural network ensembles: An adaptive niching differential evolution approach. <i>Neurocomputing</i> , 2020 , 396, 24-38	5.4	5

446	Reversible data hiding in halftone images based on minimizing the visual distortion of pixels flipping. <i>Signal Processing</i> , 2020 , 173, 107605	4.4	5
445	Particle Swarm Optimization with Hybrid Ring Topology for Multimodal Optimization Problems 2020 ,		2
444	An Efficient Artificial Bee Colony Algorithm With an Improved Linkage Identification Method. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	10
443	A Self-Guided Reference Vector Strategy for Many-Objective Optimization. <i>IEEE Transactions on Cybernetics</i> , 2020 ,	10.2	4
442	Multiobjective direction driven local search for constrained supply chain configuration problem 2020 ,		1
441	Dynamic-range compression and contrast enhancement in swept-source optical coherence tomography systems with a frequency gain compensation amplifier. <i>Journal of Biomedical Optics</i> , 2020 , 25,	3.5	0
440	A New and Efficient Genetic Algorithm with Promotion Selection Operator 2020 ,		1
439	Intensity-Modulated Radiotherapy versus Three-Dimensional Conformal Radiotherapy in Definitive Chemoradiotherapy for Cervical Esophageal Squamous Cell Carcinoma: Comparison of Survival Outcomes and Toxicities. <i>Cancer Research and Treatment</i> , 2020 , 52, 31-40	5.2	10
438	Halftone Image Steganography with Flippability Measurement Based on Pixel Pairs. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 879-890	0.4	
437	Dynamic Neighborhood-Based Particle Swarm Optimization for Multimodal Problems. <i>Mathematical Problems in Engineering</i> , 2020 , 2020, 1-13	1.1	
436	Reversible Data Hiding in Binary Images by Symmetrical Flipping Degree Histogram Modification. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 891-903	0.4	4
435	Reversible data hiding in binary images by flipping pattern pair with opposite center pixel. <i>Journal of Visual Communication and Image Representation</i> , 2020 , 70, 102816	2.7	3
434	Coordinated Charging Scheduling of Electric Vehicles: A Mixed-Variable Differential Evolution Approach. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 21, 5094-5109	6.1	55
433	Path Planning in Multiple-AUV Systems for Difficult Target Traveling Missions: A Hybrid Metaheuristic Approach. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2020 , 12, 561-574	3	8
432	Distributed Individuals for Multiple Peaks: A Novel Differential Evolution for Multimodal Optimization Problems. <i>IEEE Transactions on Evolutionary Computation</i> , 2020 , 24, 708-719	15.6	47
431	An Efficient Ant Colony System Approach for New Energy Vehicle Dispatch Problem. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 21, 4784-4797	6.1	30
430	Stigma and its correlates in people living with lung cancer: A cross-sectional study from China. <i>Psycho-Oncology</i> , 2020 , 29, 287-293	3.9	12
429	Automatic Planning of Multiple Itineraries: A Niching Genetic Evolution Approach. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 21, 4225-4240	6.1	7

428	Large-scale evolutionary optimization: a survey and experimental comparative study. <i>International Journal of Machine Learning and Cybernetics</i> , 2020 , 11, 729-745	3.8	25
427	Nonpharmacological interventions for cancer-related cognitive impairment in adult cancer patients: A network meta-analysis. <i>International Journal of Nursing Studies</i> , 2020 , 104, 103514	5.8	9
426	Strategy for effective inhibition of arylsulfatase/βglucuronidase to prevent deconjugation of sulfate and glucuronide conjugates in wastewater during sample collection and storage. <i>Science of the Total Environment</i> , 2020 , 703, 135536	10.2	10
425	Thermosensitive hydrogels based on methylcellulose derivatives for prevention of postoperative adhesion. <i>Cellulose</i> , 2020 , 27, 1555-1571	5.5	7
424	A Multi-Angle Hierarchical Differential Evolution Approach for Multimodal Optimization Problems. <i>IEEE Access</i> , 2020 , 8, 178322-178335	3.5	3
423	Association between blood lead level during pregnancy and birth weight: A meta-analysis. <i>American Journal of Industrial Medicine</i> , 2020 , 63, 1085-1094	2.7	5
422	EvoTSC: An evolutionary computation-based traffic signal controller for large-scale urban transportation networks. <i>Applied Soft Computing Journal</i> , 2020 , 97, 106640	7.5	1
421	Hourly forecasting of solar irradiance based on CEEMDAN and multi-strategy CNN-LSTM neural networks. <i>Renewable Energy</i> , 2020 , 162, 1665-1683	8.1	57
420	Effects of home-based exercise on exercise capacity, symptoms, and quality of life in patients with lung cancer: A meta-analysis. <i>European Journal of Oncology Nursing</i> , 2020 , 49, 101836	2.8	7
419	Adaptive Population Differential Evolution with Dual Control Strategy for Large-Scale Global optimization Problems 2020 ,		2
418	Adaptive Guidance-based Differential Evolution with Iterative Feedback Archive Strategy for Multimodal optimization Problems 2020 ,		4
417	Toward Predicting Active Participants in Tweet Streams: A case study on Two Civil Rights Events. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	2
416	Transfer Clustering Ensemble Selection. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 2872-2885	10.2	10
415	A Many-Objective Particle Swarm Optimizer With Leaders Selected From Historical Solutions by Using Scalar Projections. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 2209-2222	10.2	9
414	Parameter-Free Voronoi Neighborhood for Evolutionary Multimodal Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2020 , 24, 335-349	15.6	19
413	A Distributed Swarm Optimizer With Adaptive Communication for Large-Scale Optimization. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 3393-3408	10.2	27
412	Automatic Niching Differential Evolution With Contour Prediction Approach for Multimodal Optimization Problems. <i>IEEE Transactions on Evolutionary Computation</i> , 2020 , 24, 114-128	15.6	84
411	Cooperative Coevolutionary Bare-Bones Particle Swarm Optimization With Function Independent Decomposition for Large-Scale Supply Chain Network Design With Uncertainties. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 4454-4468	10.2	48

410	Dynamic Group Learning Distributed Particle Swarm Optimization for Large-Scale Optimization and Its Application in Cloud Workflow Scheduling. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 2715-2729	10.2	87
409	Triple Archives Particle Swarm Optimization. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 4862-4875	10.2	60
408	Secure halftone image steganography with minimizing the distortion on pair swapping. <i>Signal Processing</i> , 2020 , 167, 107287	4.4	13
407	Ant Colony System With Sorting-Based Local Search for Coverage-Based Test Case Prioritization. <i>IEEE Transactions on Reliability</i> , 2020 , 69, 1004-1020	4.6	3
406	Local Binary Pattern-Based Adaptive Differential Evolution for Multimodal Optimization Problems. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 3343-3357	10.2	51
405	An Adaptive Archive-Based Evolutionary Framework for Many-Task Optimization. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2020 , 4, 369-384	4.1	32
404	Ant Colony Optimization for the Control of Pollutant Spreading on Social Networks. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 4053-4065	10.2	24
403	Neural Network-Based Information Transfer for Dynamic Optimization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 1557-1570	10.3	32
402	A Constructive Particle Swarm Optimizer for Virtual Network Embedding. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 1406-1420	4.9	9
401	Dementia Literacy in the Greater Bay Area, China: Identifying the At-Risk Population and the Preferred Types of Mass Media for Receiving Dementia Information. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	7
400	Learning Task Relationships in Evolutionary Multitasking for Multiobjective Continuous Optimization. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	5
399	An Adaptive Stochastic Dominant Learning Swarm Optimizer for High-Dimensional Optimization. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	9
398	Lower body mass indices and near-target early energy nutrition therapy may increase intensive care unit-associated infections: A retrospective study in Guangzhou, China. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2020 , 29, 280-287	1	
397	Meta-Analysis of the Efficacy of Virtual Reality-Based Interventions in Cancer-Related Symptom Management. <i>Integrative Cancer Therapies</i> , 2019 , 18, 1534735419871108	3	23
396	A Histogram Estimation of Distribution Algorithm for Reversible Lanes Optimization Problems 2019 ,		1
395	Multi-runway Aircraft Arrival Scheduling: A Receding Horizon Control Based Ant Colony System Approach 2019 ,		1
394	. <i>IEEE Transactions on Evolutionary Computation</i> , 2019 , 1-1	15.6	8
393	A Divide-and-Conquer Evolutionary Algorithm for Large-Scale Virtual Network Embedding. <i>IEEE Transactions on Evolutionary Computation</i> , 2019 , 1-1	15.6	9

392	A Cooperative Co-Evolutionary Approach to Large-Scale Multisource Water Distribution Network Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2019 , 23, 842-857	15.6	28
391	Dynamic Cooperative Coevolution for Large Scale Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2019 , 23, 935-948	15.6	21
390	Comparison of the performance of 1D SDS-PAGE with nondenaturing 2DE on the analysis of proteins from human bronchial smooth muscle cells using quantitative LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1105, 193-202	3.2	4
389	Psychosocial behaviour reactions, psychosocial needs, anxiety and depression among patients with rectal cancer before and after colostomy surgery: A longitudinal study. <i>Journal of Clinical Nursing</i> , 2019 , 28, 3547-3555	3.2	2
388	Supervised Group Embedding for Rumor Detection in Social Media. <i>Lecture Notes in Computer Science</i> , 2019 , 139-153	0.9	0
387	Distributed minimum spanning tree differential evolution for multimodal optimization problems. <i>Soft Computing</i> , 2019 , 23, 13339-13349	3.5	8
386	High serum IgA/C3 ratio better predicts a diagnosis of IgA nephropathy among primary glomerular nephropathy patients with proteinuria \geq g/d: an observational cross-sectional study. <i>BMC Nephrology</i> , 2019 , 20, 150	2.7	6
385	Nitrogen-doped hollow carbon spheres functionalized by 9,10-phenanthrenequinone molecules as a high-performance electrode for asymmetric supercapacitors. <i>New Journal of Chemistry</i> , 2019 , 43, 6380-6387	3.6	12
384	Solving Nonlinear Equation Systems Using Multiobjective Differential Evolution. <i>Lecture Notes in Computer Science</i> , 2019 , 139-150	0.9	
383	Low Skeletal Muscle Mass Impairs Quality of Life in Nasopharyngeal Carcinoma Patients Treated With Concurrent Chemoradiotherapy. <i>Frontiers in Nutrition</i> , 2019 , 6, 195	6.2	3
382	Exploiting Global Low-Rank Structure and Local Sparsity Nature for Tensor Completion. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 3898-3910	10.2	8
381	Multiobjective Cloud Workflow Scheduling: A Multiple Populations Ant Colony System Approach. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2912-2926	10.2	106
380	A Discrete Multiobjective Particle Swarm Optimizer for Automated Assembly of Parallel Cognitive Diagnosis Tests. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2792-2805	10.2	17
379	A Clustering-Based Evolutionary Algorithm for Many-Objective Optimization Problems. <i>IEEE Transactions on Evolutionary Computation</i> , 2019 , 23, 391-405	15.6	45
378	Learning to Decompose: A Paradigm for Decomposition-Based Multiobjective Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2019 , 23, 376-390	15.6	43
377	Historical and Heuristic-Based Adaptive Differential Evolution. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 2623-2635	7.3	40
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