

Wen-Zhong Guo

List of Publications by Citations

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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.

62 papers	800 citations	16 h-index	26 g-index
67 ext. papers	1,055 ext. citations	4.2 avg, IF	5.12 L-index

#	Paper	IF	Citations
62	A multi-label classification algorithm based on kernel extreme learning machine. <i>Neurocomputing</i> , 2017 , 260, 313-320	5.4	75
61	A Kernel-Based Compressive Sensing Approach for Mobile Data Gathering in Wireless Sensor Network Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2315-2327	7.3	68
60	. <i>IEEE Transactions on Multimedia</i> , 2017 , 19, 1454-1466	6.6	53
59	Robust co-clustering via dual local learning and high-order matrix factorization. <i>Knowledge-Based Systems</i> , 2017 , 138, 176-187	7.3	52
58	A hybrid multi-objective PSO algorithm with local search strategy for VLSI partitioning. <i>Frontiers of Computer Science</i> , 2014 , 8, 203-216	2.2	45
57	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2019 , 20, 2157-2170	6.1	37
56	Efficient Traceable Authorization Search System for Secure Cloud Storage. <i>IEEE Transactions on Cloud Computing</i> , 2018 , 1-1	3.3	31
55	Using High-Bandwidth Networks Efficiently for Fast Graph Computation. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2019 , 30, 1170-1183	3.7	30
54	. <i>IEEE Access</i> , 2019 , 7, 23628-23639	3.5	26
53	Image Quality Assessment for Color Correction Based on Color Contrast Similarity and Color Value Difference. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 849-862	6.4	25
52	Cost-Driven Scheduling for Deadline-Based Workflow Across Multiple Clouds. <i>IEEE Transactions on Network and Service Management</i> , 2018 , 15, 1571-1585	4.8	25
51	Encoding-Aware Data Placement for Efficient Degraded Reads in XOR-Coded Storage Systems: Algorithms and Evaluation. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2018 , 29, 2757-2770	3.7	23
50	A Survey of Task Allocation: Contrastive Perspectives From Wireless Sensor Networks and Mobile Crowdsensing. <i>IEEE Access</i> , 2019 , 7, 78406-78420	3.5	20
49	Two Projection Neural Networks With Reduced Model Complexity for Nonlinear Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 2020-2029	10.3	18
48	An Overview of Unsupervised Deep Feature Representation for Text Categorization. <i>IEEE Transactions on Computational Social Systems</i> , 2019 , 6, 504-517	4.5	16
47	Spatial-Temporal Data Collection with Compressive Sensing in Mobile Sensor Networks. <i>Sensors</i> , 2017 , 17,	3.8	16
46	Efficient Analysis of Repairable Computing Systems Subject to Scheduled Checkpointing. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2021 , 18, 1-14	3.9	16

45	Physical Synthesis of Flow-Based Microfluidic Biochips Considering Distributed Channel Storage 2019 ,		14
44	Timing-Driven Flow-Channel Network Construction for Continuous-Flow Microfluidic Biochips. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2020 , 39, 1314-1327	2.5	13
43	An Unsupervised Embedding Learning Feature Representation Scheme for Network Big Data Analysis. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 115-126	4.9	13
42	HDR-GAN: HDR Image Reconstruction From Multi-Exposed LDR Images With Large Motions. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 3885-3896	8.7	13
41	MiniControl 2019 ,		12
40	A machine-learning-based hardware-Trojan detection approach for chips in the Internet of Things. <i>International Journal of Distributed Sensor Networks</i> , 2019 , 15, 155014771988809	1.7	12
39	Cross-Rack-Aware Single Failure Recovery for Clustered File Systems. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2020 , 17, 248-261	3.9	11
38	Dual-Search Artificial Bee Colony Algorithm for Engineering Optimization. <i>IEEE Access</i> , 2019 , 7, 24571-24584	3.9	10
37	Region-Aware Image Denoising by Exploring Parameter Preference. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 2433-2438	6.4	9
36	The Sensitivity Design of Piezoresistive Acceleration Sensor in Industrial IoT. <i>IEEE Access</i> , 2019 , 7, 16952-16963	3.5	9
35	Computer-aided Design Techniques for Flow-based Microfluidic Lab-on-a-chip Systems. <i>ACM Computing Surveys</i> , 2021 , 54, 1-29	13.4	8
34	A Locating Method for Multi-Purposes HTs Based on the Boundary Network. <i>IEEE Access</i> , 2019 , 7, 110936-110950	3.4	8
33	An Unsupervised Detection Approach for Hardware Trojans. <i>IEEE Access</i> , 2020 , 8, 158169-158183	3.5	7
32	A Survey of DMFBs Security: State-of-the-Art Attack and Defense 2020 ,		6
31	Encoding-Aware Data Placement for Efficient Degraded Reads in XOR-Coded Storage Systems 2016 ,		6
30	Flow-Based Microfluidic Biochips with Distributed Channel Storage: Synthesis, Physical Design, and Wash Optimization. <i>IEEE Transactions on Computers</i> , 2021 , 1-1	2.5	6
29	Reliability Analysis of IoT Networks with Community Structures. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 304-315	4.9	5
28	3-D Object Classification in Heterogeneous Point Clouds via Bag-of-Words and Joint Distribution Adaption. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2019 , 16, 1909-1913	4.1	4

27	Efficient Regular Language Search for Secure Cloud Storage. <i>IEEE Transactions on Cloud Computing</i> , 2018 , 1-1	3.3	4
26	PathDriver 2020 ,		4
25	Boundary-aware RGBD Salient Object Detection with Cross-modal Feature Sampling. <i>IEEE Transactions on Image Processing</i> , 2020 , PP,	8.7	4
24	Boundary-Aware and Semiautomatic Segmentation of 3-D Object in Point Clouds. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 18, 910-914	4.1	4
23	A Unified Scheme for Distance Metric Learning and Clustering via Rank-Reduced Regression. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-12	7.3	4
22	. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2021 , 1-1	2.5	4
21	Correlation-Aware Stripe Organization for Efficient Writes in Erasure-Coded Storage: Algorithms and Evaluation. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2019 , 30, 1552-1564	3.7	3
20	Cyber-Physical-Social-Mediated Communication. <i>IT Professional</i> , 2020 , 22, 60-66	1.9	3
19	Unsupervised deep clustering via contractive feature representation and focal loss. <i>Pattern Recognition</i> , 2022 , 123, 108386	7.7	3
18	Privacy-Preserving Compressive Sensing for Real-Time Traffic Monitoring in Urban City. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 14510-14522	6.8	3
17	PathDriver+: Enhanced Path-Driven Architecture Design for Flow-Based Microfluidic Biochips. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2021 , 1-1	2.5	3
16	BigIntegr: One-Pass Architectural Synthesis for Continuous-Flow Microfluidic Lab-on-a-Chip Systems 2021 ,		3
15	Multimedia access control with secure provenance in fog-cloud computing networks. <i>Multimedia Tools and Applications</i> , 2020 , 79, 10701-10716	2.5	2
14	Correlation-Aware Stripe Organization for Efficient Writes in Erasure-Coded Storage Systems 2017 ,		2
13	Privacy-Preserving Compressive Sensing for Traffic Estimation 2019 ,		2
12	ML-KELM: A Kernel Extreme Learning Machine Scheme for Multi-Label Classification of Real Time Data Stream in 5G. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	2
11	Design automation for continuous-flow microfluidic biochips: A comprehensive review. <i>The Integration VLSI Journal</i> , 2022 , 82, 48-66	1.4	2
10	Discovering Overlapping Communities in Dynamic Networks Based on Cascade Information Diffusion. <i>IEEE Transactions on Computational Social Systems</i> , 2021 , 1-13	4.5	2

9	Addressing Imbalance in Weakly Supervised Multi-Label Learning. <i>IEEE Access</i> , 2019 , 7, 37463-37472	3.5	1
8	A Survey on Security of Digital Microfluidic Biochips: Technology, Attack, and Defense. <i>ACM Transactions on Design Automation of Electronic Systems</i> , 2022 , 27, 1-33	1.5	1
7	Boundary-Aware graph Markov neural network for semiautomated object segmentation from point clouds. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021 , 104, 102564	7.3	1
6	Pairwise Learning to Rank for Image Quality Assessment. <i>IEEE Access</i> , 2020 , 8, 192352-192367	3.5	1
5	Object Tracking by the Least Spatiotemporal Searches. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 12934-12946	14.6	1
4	Three-Dimensional Object Co-Localization From Mobile LiDAR Point Clouds. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 1996-2007	6.1	0
3	An X-Architecture SMT Algorithm Based on Competitive Swarm Optimizer. <i>Lecture Notes in Computer Science</i> , 2021 , 393-404	0.9	0
2	Template Enhancement and Mask Generation for Siamese Tracking. <i>IEEE Signal Processing Letters</i> , 2021 , 28, 279-283	3.2	
1	Network Embedding Based on Biased Random Walk for Community Detection in Attributed Networks. <i>IEEE Transactions on Computational Social Systems</i> , 2022 , 1-12	4.5	