Bing Guo

List of Publications by Year
in descending order

58 papers	342 citations	933447 10 h-index	996975 15 g-index
58 all docs	58 docs citations	58 times ranked	314 citing authors

#	Article	IF	Citations
1	Discrete cosine transform for filter pruning. Applied Intelligence, 2023, 53, 3398-3414.	5.3	3
2	A Multi-Task Oriented Framework for Mobile Computation Offloading. IEEE Transactions on Cloud Computing, 2022, 10, 187-201.	4.4	17
3	A Sustainable Solution for IoT Semantic Interoperability: Dataspaces Model via Distributed Approaches. IEEE Internet of Things Journal, 2022, 9, 7228-7242.	8.7	8
4	Capsule Boundary Network With 3D Convolutional Dynamic Routing for Temporal Action Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2962-2975.	8.3	5
5	FAS-DQN: Freshness-Aware Scheduling via Reinforcement Learning for Latency-Sensitive Applications. IEEE Transactions on Computers, 2022, 71, 2381-2394.	3.4	2
6	Embedding Smart Contract in Blockchain Transactions to Improve Flexibility for the IoT. IEEE Internet of Things Journal, 2022, 9, 19073-19085.	8.7	4
7	Efficient Discrete Particle Swarm Optimization Algorithm for Process Mining from Event Logs. International Journal of Computational Intelligence Systems, 2022, 15, 1.	2.7	0
8	Predicting the At-Risk Online Students Based on the Click Data Distribution Characteristics. Scientific Programming, 2022, 2022, 1-12.	0.7	1
9	Video summarization with u-shaped transformer. Applied Intelligence, 2022, 52, 17864-17880.	5.3	5
10	Low Power Scheduling Approach for Heterogeneous System Based on Heuristic and Greedy Method. Computational Intelligence and Neuroscience, 2022, 2022, 1-17.	1.7	0
11	STPR: A Personalized Next Point-of-Interest Recommendation Model with Spatio-Temporal Effects Based on Purpose Ranking. IEEE Transactions on Emerging Topics in Computing, 2021, 9, 994-1005.	4.6	7
12	Using efficient group pseudo-3D network to learn spatio-temporal features. Signal, Image and Video Processing, 2021, 15, 361-369.	2.7	6
13	To Delay Instantiation of a Smart Contract to Save Calculation Resources in IoT. Wireless Communications and Mobile Computing, 2021, 2021, 1-10.	1.2	1
14	Nakamoto Consensus to Accelerate Supervised Classification Algorithms for Multiparty Computing. Security and Communication Networks, 2021, 2021, 1-11.	1.5	0
15	Robust supervised topic models under label noise. Machine Learning, 2021, 110, 907-931.	5.4	6
16	An Effective Algorithm for Intrusion Detection Using Random Shapelet Forest. Wireless Communications and Mobile Computing, 2021, 2021, 1-9.	1.2	2
17	Neural labeled LDA: a topic model for semi-supervised document classification. Soft Computing, 2021, 25, 14561-14571.	3.6	10
18	Twin labeled LDA: a supervised topic model for document classification. Applied Intelligence, 2020, 50, 4602-4615.	5.3	14

#	ARTICLE	IF	CITATIONS
19	A Secure and Effective Construction Scheme for Blockchain Networks. Security and Communication Networks, 2020, 2020, 1-20.	1.5	12
20	Research on Parallel Data Currency Rule Algorithms. , 2020, , .		1
21	Pricing Personal Data Based on Data Provenance. Applied Sciences (Switzerland), 2019, 9, 3388.	2.5	5
22	GPU Energy Consumption Optimization With a Global-Based Neural Network Method. IEEE Access, 2019, 7, 64303-64314.	4.2	11
23	Energy-Aware Real-Time Data Processing for IoT Systems. IEEE Access, 2019, 7, 171776-171789.	4.2	3
24	An information source localization algorithm based on cellular automata model. International Journal of Modern Physics B, 2019, 33, 1950336.	2.0	5
25	Maintaining Data Freshness in Distributed Cyber-Physical Systems. IEEE Transactions on Computers, 2019, 68, 1077-1090.	3.4	12
26	A Bimodal Gaussian Inhomogeneous Poisson Algorithm for Bike Number Prediction in a Bike-Sharing System. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 2848-2857.	8.0	27
27	Towards A Goal-driven Dynamic Business Process Ontology. , 2019, , .		1
28	The Research Of Hierarchial Ip Trackback Technique. , 2018, , .		0
29	An Information Source Localization Algorithm Based on Node Reachability Measurement. , 2018, , .		0
30	A light-weight malware static visual analysis for IoT infrastructure. , 2018, , .		19
31	Method for measuring the privacy level of preâ€published dataset. IET Information Security, 2018, 12, 425-430.	1.7	1
32	Synthesizing power management strategies for wireless sensor networks with UPPAAL-STRATEGO. International Journal of Distributed Sensor Networks, 2017, 13, 155014771770090.	2.2	6
33	The evolution of open-source mobile applications: An empirical study. Journal of Software: Evolution and Process, 2017, 29, e1855.	1.6	10
34	A faster fully homomorphic encryption scheme in big data. , 2017, , .		12
35	Similarity-Based Node Distance Exploring and Locality-Aware Shuffle Optimization for Hadoop MapReduce. , 2017, , .		1
36	Making Image More Energy Efficient for OLED Smart Devices. Mobile Information Systems, 2016, 2016, 1-8.	0.6	5

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37	Software Energy Consumption Estimation at Architecture-Level. , 2016, , .		1
38	DSPM: A Platform for Personal Data Share and Privacy Protect Based on Metadata. , 2016, , .		0
39	Low-Energy Kernel Scheduling Approach for Energy Saving. , 2016, , .		0
40	Make Image More Energy Efficient for Mobile OLED Displays. , 2016, , .		1
41	A Formal Approach for RT-DVS Algorithms Evaluation Based on Statistical Model Checking. Mathematical Problems in Engineering, 2015, 2015, 1-12.	1.1	1
42	Energy-efficient cluster-head selection with fuzzy logic for robotic fish swarm. , 2015, , .		8
43	Low-Power Sensor Polling for Context-Aware Services on Smartphones. , 2015, , .		1
44	GPU-Memory Coordinated Energy Saving Approach Based on Extreme Learning Machine. , 2015, , .		1
45	Toward energyâ€proportional Internet core networks: an energyâ€minimized routing and virtual topology design for Internet protocol layer. International Journal of Communication Systems, 2015, 28, 513-533.	2.5	11
46	Phaseâ€"Reconfigurable Shuffle Optimization for Hadoop MapReduce. IEEE Transactions on Cloud Computing, 2015, , 1-1.	4.4	28
47	SecMon: A Secure Introspection Framework for Hardware Virtualization. , 2013, , .		3
48	Design and Optimization of Traffic Balance Broker for Cloud-Based Telehealth Platform. , 2013, , .		3
49	Energy-Efficient Prediction Clustering Algorithm for Multilevel Heterogeneous Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2013, 9, 678214.	2.2	25
50	An Probability-Based Energy Model on Cache Coherence Protocol with Mobile Sensor Network. International Journal of Distributed Sensor Networks, 2013, 9, 362649.	2.2	0
51	An Embedded Software Fusion Power Model Based on Algorithm and Micro-architectural Level. , 2011, , .		0
52	Design and Implementation of an Improved C Source-Code Level Program Energy Model. , 2009, , .		4
53	Analysis and Optimization of Embedded Software Energy Consumption on the Source Code and Algorithm Level. , 2009, , .		6
54	Research and Design of Shared Resources Competition Solution among Hardware-Software Tasks based on Unified Scheduling. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
55	The Hardware-Software Co-design and Co-verification of SoC for an Embedded Home Gateway. , 2008, , .		1
56	Dynamic Power Management based on Wavelet Neural Network in Wireless Sensor Networks. , 2007, , .		7
57	A Hopfield neural network approach for power optimization of real-time operating systems. Neural Computing and Applications, 2007, 17, 11-17.	5.6	19
58	Dynamic Power Management based on Wavelet Neural Network in Wireless Sensor Networks. , 2007, , .		0