Minyi Guo

List of Publications by Year
in descending order

238	5,456	201674	206112
papers	citations	27	48
		h-index	g-index

238	238	238	4281
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	RippleNet. , 2018, , .		632
2	Knowledge Graph Convolutional Networks for Recommender Systems. , 2019, , .		513
3	SHINE. , 2018, , .		222
4	A Comprehensive Survey of Blockchain: From Theory to IoT Applications and Beyond. IEEE Internet of Things Journal, 2019, 6, 8114-8154.	8.7	197
5	Making Big Data Open in Edges: A Resource-Efficient Blockchain-Based Approach. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 870-882.	5.6	187
6	Real-Time Locating Systems Using Active RFID for Internet of Things. IEEE Systems Journal, 2016, 10, 1226-1235.	4.6	165
7	SAMR: A Self-adaptive MapReduce Scheduling Algorithm in Heterogeneous Environment. , 2010, , .		140
8	Joint Optimization of Lifetime and Transport Delay under Reliability Constraint Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 225-236.	5.6	127
9	Simultaneous Multikernel GPU: Multi-tasking throughput processors via fine-grained sharing. , 2016, , .		108
10	TASA: Tag-Free Activity Sensing Using RFID Tag Arrays. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 558-570.	5.6	107
11	LSCD: A Low-Storage Clone Detection Protocol for Cyber-Physical Systems. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2016, 35, 712-723.	2.7	90
12	Adaptive location updates for mobile sinks in wireless sensor networks. Journal of Supercomputing, 2009, 47, 127-145.	3.6	87
13	Manhattan hashing for large-scale image retrieval. , 2012, , .		79
14	Adaptive workload-aware task scheduling for single-ISA asymmetric multicore architectures. Transactions on Architecture and Code Optimization, 2014, 11, 1-25.	2.0	76
15	Prophet. , 2017, , .		76
16	Mobile Target Detection in Wireless Sensor Networks With Adjustable Sensing Frequency. IEEE Systems Journal, 2016, 10, 1160-1171.	4.6	75
17	A chain-cluster based routing algorithm for wireless sensor networks. Journal of Intelligent Manufacturing, 2012, 23, 1305-1313.	7.3	74
18	Loop scheduling and bank type assignment for heterogeneous multi-bank memory. Journal of Parallel and Distributed Computing, 2009, 69, 546-558.	4.1	60

#	Article	IF	Citations
19	Survey on context-awareness in ubiquitous media. Multimedia Tools and Applications, 2013, 67, 179-211.	3.9	59
20	A Dynamical and Load-Balanced Flow Scheduling Approach for Big Data Centers in Clouds. IEEE Transactions on Cloud Computing, 2018, 6, 915-928.	4.4	57
21	Secrecy Capacity Optimization via Cooperative Relaying and Jamming for WANETs. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 1117-1128.	5.6	56
22	Pricing and Repurchasing for Big Data Processing in Multi-Clouds. IEEE Transactions on Emerging Topics in Computing, 2016, 4, 266-277.	4.6	55
23	Learning Graph Representation With Generative Adversarial Nets. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 3090-3103.	5.7	54
24	Hole Avoiding in Advance Routing in Wireless Sensor Networks. , 2007, , .		50
25	RARE: An Energy-Efficient Target Tracking Protocol for Wireless Sensor Networks. , 2007, , .		47
26	eXnet: An Efficient Approach for Emotion Recognition in the Wild. Sensors, 2020, 20, 1087.	3.8	47
27	A context-aware search system for Internet of Things based on hierarchical context model. Telecommunication Systems, 2016, 62, 77-91.	2.5	46
28	Adaptive Forwarding Delay Control for VANET Data Aggregation. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 11-18.	5.6	45
29	A Feasible IP Traceback Framework through Dynamic Deterministic Packet Marking. IEEE Transactions on Computers, 2016, 65, 1418-1427.	3.4	41
30	AgileRegulator: A hybrid voltage regulator scheme redeeming dark silicon for power efficiency in a multicore architecture. , 2012, , .		40
31	Adaptive Resource Efficient Microservice Deployment in Cloud-Edge Continuum. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 1825-1840.	5.6	40
32	Context reasoning using extended evidence theory in pervasive computing environments. Future Generation Computer Systems, 2010, 26, 207-216.	7.5	38
33	TIP-Code: A Three Independent Parity Code to Tolerate Triple Disk Failures with Optimal Update Complextiy. , 2015, , .		36
34	Mobility Prediction Based Joint Stable Routing and Channel Assignment for Mobile Ad Hoc Cognitive Networks. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 789-802.	5.6	36
35	On Traffic-Aware Partition and Aggregation in MapReduce for Big Data Applications. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 818-828.	5.6	35
36	Delay-Minimized Routing in Mobile Cognitive Networks for Time-Critical Applications. IEEE Transactions on Industrial Informatics, 2017, 13, 1398-1409.	11.3	35

#	Article	IF	Citations
37	Mechanism Design for Stochastic Virtual Resource Allocation in Non-cooperative Cloud Systems. , 2011, , .		34
38	LABERIO: Dynamic load-balanced Routing in OpenFlow-enabled Networks. , 2013, , .		34
39	The Serverless Computing Survey: A Technical Primer for Design Architecture. ACM Computing Surveys, 2022, 54, 1-34.	23.0	34
40	Towards Context-Aware Workflow Management for Ubiquitous Computing. , 2008, , .		31
41	WATS: Workload-Aware Task Scheduling in Asymmetric Multi-core Architectures. , 2012, , .		31
42	Quality of Service Support for Fine-Grained Sharing on GPUs. , 2017, , .		28
43	Flexible Aggregate Nearest Neighbor Queries in Road Networks. , 2018, , .		28
44	Architecture-based design and optimization of genetic algorithms on multi- and many-core systems. Future Generation Computer Systems, 2014, 38, 75-91.	7.5	27
45	Towards Scalable and Reliable In-Memory Storage System: A Case Study with Redis. , 2016, , .		26
46	Enable simultaneous DNN services based on deterministic operator overlap and precise latency prediction. , 2021, , .		25
47	CAB: Cache Aware Bi-tier Task-Stealing in Multi-socket Multi-core Architecture. , 2011, , .		24
48	HAT: history-based auto-tuning MapReduce in heterogeneous environments. Journal of Supercomputing, 2013, 64, 1038-1054.	3.6	24
49	Adversarial Defense Through Network Profiling Based Path Extraction. , 2019, , .		23
50	Falcon: Addressing Stragglers in Heterogeneous Parameter Server Via Multiple Parallelism. IEEE Transactions on Computers, 2021, 70, 139-155.	3.4	23
51	OFScheduler: A Dynamic Network Optimizer for MapReduce in Heterogeneous Cluster. International Journal of Parallel Programming, 2015, 43, 472-488.	1.5	22
52	Long-term location privacy protection for location-based services in mobile cloud computing. Soft Computing, 2016, 20, 1735-1747.	3.6	22
53	Designing energy efficient target tracking protocol withÂquality monitoring in wireless sensor networks. Journal of Supercomputing, 2010, 51, 131-148.	3.6	21
54	Online Credit Card Fraud Detection: A Hybrid Framework with Big Data Technologies. , 2016, , .		20

#	ARTICLE	IF	CITATIONS
55	Reinforcement learning-based adaptive resource management of differentiated services in geo-distributed data centers. , 2017, , .		20
56	Themis: Predicting and Reining in Application-Level Slowdown on Spatial Multitasking GPUs. , 2019, , .		20
57	Learning User Preference from Heterogeneous Information for Store-Type Recommendation. IEEE Transactions on Services Computing, 2020, 13, 1100-1114.	4.6	20
58	Balancing Efficiency and Flexibility for DNN Acceleration via Temporal GPU-Systolic Array Integration. , 2020, , .		20
59	Energy-Efficient Dual Prediction-Based Data Gathering for Environmental Monitoring Applications. , 2007, , .		19
60	Efficient group key management for multi-privileged groups. Computer Communications, 2007, 30, 2497-2509.	5.1	19
61	Adaptive Cache Aware Bitier Work-Stealing in Multisocket Multicore Architectures. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 2334-2343.	5.6	19
62	Polynomial Regression for Data Gathering in Environmental Monitoring Applications. , 2007, , .		18
63	Simultaneous Multikernel: Fine-Grained Sharing of GPUs. IEEE Computer Architecture Letters, 2016, 15, 113-116.	1.5	18
64	Laius. , 2019, , .		18
65	A Divide-and-Conquer Algorithm for Irregular Redistribution in Parallelizing Compilers. Journal of Supercomputing, 2004, 29, 157-170.	3.6	17
66	Extended Dempster-Shafer Theory in Context Reasoning for Ubiquitous Computing Environments. , 2009, , .		17
67	Dynamic Itinerary Planning for Mobile Agents with a Content-Specific Approach in Wireless Sensor Networks. , 2010, , .		17
68	MTTF of Composite Web Services. , 2010, , .		17
69	Petrel: Heterogeneity-Aware Distributed Deep Learning Via Hybrid Synchronization. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 1030-1043.	5.6	17
70	Avalon. , 2019, , .		16
71	Amoeba: QoS-Awareness and Reduced Resource Usage of Microservices with Serverless Computing. , 2020, , .		16
72	Preference-Aware Edge Server Placement in the Internet of Things. IEEE Internet of Things Journal, 2022, 9, 1289-1299.	8.7	16

#	Article	IF	Citations
73	EEWA: Energy-Efficient Workload-Aware Task Scheduling in Multi-core Architectures. , 2014, , .		15
74	MELODY: A Long-Term Dynamic Quality-Aware Incentive Mechanism for Crowdsourcing. , 2017, , .		15
75	Efficient Trustworthiness Management for Malicious User Detection in Big Data Collection. IEEE Transactions on Big Data, 2022, 8, 99-112.	6.1	15
76	EC-Fusion: An Efficient Hybrid Erasure Coding Framework to Improve Both Application and Recovery Performance in Cloud Storage Systems. , 2020, , .		15
77	AlphaR: Learning-Powered Resource Management for Irregular, Dynamic Microservice Graph. , 2021, , .		15
78	Topology Design of Network-Coding-Based Multicast Networks. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 627-640.	5.6	14
79	Trusted Routing Based on Dynamic Trust Mechanism in Mobile Ad-Hoc Networks. IEICE Transactions on Information and Systems, 2010, E93-D, 510-517.	0.7	14
80	Asymmetric Resilience: Exploiting Task-Level Idempotency for Transient Error Recovery in Accelerator-Based Systems. , 2020, , .		14
81	Flexible Aggregate Nearest Neighbor Queries and its Keyword-Aware Variant on Road Networks. IEEE Transactions on Knowledge and Data Engineering, 2020, , 1-1.	5.7	14
82	Toward QoS-Awareness and Improved Utilization of Spatial Multitasking GPUs. IEEE Transactions on Computers, 2022, 71, 866-879.	3.4	14
83	E^{2}bird: $\underline{E}$nhanced $\underline{E}$lastic $\underline{B}$atch for $\underline{I}$mproving $\underline{R}$esponsiveness and Throughput of $\underline{D}$eep Learning Services. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 1307-1321.	5.6	14
84	ANT-Man: Towards Agile Power Management in the Microservice Era. , 2020, , .		14
85	VELTAIR: towards high-performance multi-tenant deep learning services via adaptive compilation and scheduling. , 2022, , .		14
86	An Effective Trust Establishment Scheme for Authentication in Mobile Ad Hoc Networks. , 2007, , .		13
87	An Efficient Collaborative Filtering Approach Using Smoothing and Fusing. , 2009, , .		13
88	Optimally Maximizing Iteration-Level Loop Parallelism. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 564-572.	5.6	13
89	Rank-Aware Dynamic Migrations and Adaptive Demotions for DRAM Power Management. IEEE Transactions on Computers, 2016, 65, 187-202.	3.4	13
90	Personalized Exposure Control Using Adaptive Metering and Reinforcement Learning. IEEE Transactions on Visualization and Computer Graphics, 2019, 25, 2953-2968.	4.4	13

#	Article	IF	Citations
91	Approximate Code. , 2019, , .		13
92	A Cyclic Game for Service-Oriented Resource Allocation in Edge Computing. IEEE Transactions on Services Computing, 2020, 13, 723-734.	4.6	13
93	Decentralized checking of context inconsistency in pervasive computing environments. Journal of Supercomputing, 2013, 64, 256-273.	3.6	12
94	Scalable Multicore k-NN Search via Subspace Clustering for Filtering. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 3449-3460.	5.6	12
95	Efficient Selection Algorithm for Fast k-NN Search on GPUs. , 2015, , .		12
96	Power Attack Defense: Securing Battery-Backed Data Centers. , 2016, , .		12
97	Prophet. Operating Systems Review (ACM), 2017, 51, 17-32.	1.9	12
98	Optimizing power consumption of mobile devices for video streaming over 4G LTE networks. Peer-to-Peer Networking and Applications, 2018, 11, 1101-1114.	3.9	12
99	KSM: Online Application-Level Performance Slowdown Prediction for Spatial Multitasking GPGPU. IEEE Computer Architecture Letters, 2018, 17, 187-191.	1.5	12
100	Architectural Implication of Graph Neural Networks. IEEE Computer Architecture Letters, 2020, , 1-1.	1.5	12
101	Transaction Management for Reliable Grid Applications. , 2009, , .		11
102	Cowic: A Column-Wise Independent Compression for Log Stream Analysis. , 2015, , .		11
103	HyperspaceFlow: A System-Level Design Methodology for Smart Space. IEEE Transactions on Emerging Topics in Computing, 2016, 4, 568-583.	4.6	11
104	GraphLoc: a graph-based method for indoor subarea localization with zero-configuration. Personal and Ubiquitous Computing, 2017, 21, 489-505.	2.8	11
105	Power Grab in Aggressively Provisioned Data Centers: What is the Risk and What Can Be Done About It. , 2018, , .		11
106	URSA: Precise Capacity Planning and Fair Scheduling based on Low-level Statistics for Public Clouds. , 2020, , .		11
107	Multiprocessor Simulator System Based on Multi-way Cluster Using Double-buffered Model. International Conference on Advanced Networking and Applications, 2007, , .	0.0	10
108	LSShare: an efficient multiple query optimization system in the cloud. Distributed and Parallel Databases, 2014, 32, 583-605.	1.6	10

#	Article	IF	Citations
109	Power consumption analysis of video streaming in 4G LTE networks. Wireless Networks, 2018, 24, 3083-3098.	3.0	10
110	Unleashing the Scalability Potential of Power-Constrained Data Center in the Microservice Era. , 2019, , .		9
111	Contention and Locality-Aware Work-Stealing for Iterative Applications in Multi-Socket Computers. IEEE Transactions on Computers, 2018, 67, 784-798.	3.4	8
112	HSCS: a hybrid shared cache scheduling scheme for multiprogrammed workloads. Frontiers of Computer Science, 2018, 12, 1090-1104.	2.4	8
113	Optimizing the Parity Check Matrix for Efficient Decoding of RS-Based Cloud Storage Systems. , 2019, , .		8
114	Quality of Service Support for Fine-Grained Sharing on GPUs. Computer Architecture News, 2017, 45, 269-281.	2.5	8
115	CODA: Improving Resource Utilization by Slimming and Co-locating DNN and CPU Jobs. , 2020, , .		8
116	Tacker: Tensor-CUDA Core Kernel Fusion for Improving the GPU Utilization while Ensuring QoS. , 2022, , .		8
117	Performance Evaluation to Optimize the UMP System Focusing on Network Transmission Speed. , 2007, , .		7
118	ShmStreaming: A Shared Memory Approach for Improving Hadoop Streaming Performance. , 2013, , .		7
119	On the Multicast Lifetime of WANETs with Multibeam Antennas: Formulation, Algorithms, and Analysis. IEEE Transactions on Computers, 2014, 63, 1988-2001.	3.4	7
120	Synergy of Dynamic Frequency Scaling and Demotion on DRAM Power Management: Models and Optimizations. IEEE Transactions on Computers, 2015, 64, 2367-2381.	3.4	7
121	Modeling Latent Relation to Boost Things Categorization Service. IEEE Transactions on Services Computing, 2020, 13, 915-929.	4.6	7
122	Adaptive Preference-Aware Co-Location for Improving Resource Utilization of Power Constrained Datacenters. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 441-456.	5.6	7
123	A dynamic network traffic classifier using supervised ML for a Docker-based SDN network. Connection Science, 2021, 33, 693-718.	3.0	7
124	Performance optimization for cloud computing systems in the microservice era: state-of-the-art and research opportunities. Frontiers of Computer Science, 2022, 16, 1.	2.4	7
125	iShadow: Yet Another Pervasive Computing Environment. , 2008, , .		6
126	Service-Oriented Multimedia Delivery in Pervasive Space. , 2009, , .		6

#	Article	IF	Citations
127	SMe: explicit & implicit constrained-space probabilistic threshold range queries for moving objects. GeoInformatica, 2016, 20, 19-58.	2.7	6
128	Favorable Block First: A Comprehensive Cache Scheme to Accelerate Partial Stripe Recovery of Triple Disk Failure Tolerant Arrays. , 2017, , .		6
129	CATIRI: An Efficient Method for Content-and-Text Based Image Retrieval. Journal of Computer Science and Technology, 2019, 34, 287-304.	1.5	6
130	Improving Power Efficiency for Online Video Streaming Service: A Self-Adaptive Approach. IEEE Transactions on Sustainable Computing, 2019, 4, 308-313.	3.1	6
131	Prophet. Computer Architecture News, 2017, 45, 17-32.	2.5	6
132	Exploiting Intra-SM Parallelism in GPUs via Persistent and Elastic Blocks. , 2021, , .		6
133	A scalable key preâ€distribution mechanism for largeâ€scale wireless sensor networks. Concurrency Computation Practice and Experience, 2009, 21, 1373-1387.	2.2	5
134	Analysis of the Availability of Composite Web Services. , 2009, , .		5
135	New acoustic monitoring method using cross-correlation of primary frequency spectrum. Journal of Ambient Intelligence and Humanized Computing, 2013, 4, 293-301.	4.9	5
136	HFA: A Hint Frequency-based approach to enhance the I/O performance of multi-level cache storage systems. , 2014, , .		5
137	Adaptive demandâ€aware workâ€stealing in multiâ€programmed multiâ€core architectures. Concurrency Computation Practice and Experience, 2016, 28, 455-471.	2.2	5
138	Sturgeon: Preference-aware Co-location for Improving Utilization of Power Constrained Computers. , 2020, , .		5
139	Tapping into NFV Environment for Opportunistic Serverless Edge Function Deployment. IEEE Transactions on Computers, 2022, 71, 2698-2704.	3.4	5
140	Excavating the Potential of Graph Workload on RDMA-based Far Memory Architecture. , 2022, , .		5
141	Scalable and Secure Routing for Large-Scale Sensor Networks. , 2008, , .		4
142	Multipath Routing with Reliable Nodes in Large-Scale Mobile Ad-Hoc Networks. IEICE Transactions on Information and Systems, 2009, E92-D, 1675-1682.	0.7	4
143	I-Cache Tag Reduction for Low Power Chip Multiprocessor. , 2009, , .		4
144	Context-Aware HCI Service Selection. Mobile Information Systems, 2012, 8, 231-254.	0.6	4

#	Article	IF	Citations
145	Hybrid CPU Management for Adapting to the Diversity of Virtual Machines. IEEE Transactions on Computers, 2013, 62, 1332-1344.	3.4	4
146	Locality-Aware Work Stealing Based on Online Profiling and Auto-Tuning for Multisocket Multicore Architectures. Transactions on Architecture and Code Optimization, 2015, 12, 1-24.	2.0	4
147	Preemption-Aware Kernel Scheduling for GPUs. , 2017, , .		4
148	Embedding-Based Similarity Computation for Massive Vehicle Trajectory Data. IEEE Internet of Things Journal, 2022, 9, 4650-4660.	8.7	4
149	Designing Piecewise QoS Routing Protocol in Large-Scale MANETs. , 2007, , .		3
150	Improving the parallelism of iterative methods byÂaggressive loop fusion. Journal of Supercomputing, 2008, 43, 147-164.	3.6	3
151	Improvements on Sequential Minimal Optimization Algorithm for Support Vector Machine Based on Semi-sparse Algorithm. , 2011, , .		3
152	DirectedPush - A High Performance Peer-to-Peer Live Streaming System Using Network Coding. , 2012, , .		3
153	Communication-free data alignment for arrays withÂexponential references in parallelizing compilers forÂscalable parallel systems. Journal of Supercomputing, 2012, 60, 4-30.	3.6	3
154	Semi-sparse algorithm based on multi-layer optimization for recommender system. Journal of Supercomputing, 2013, 66, 1418-1437.	3.6	3
155	Performance Bottlenecks in Manycore Systems: A Case Study on Large Scale Feature Matching within Image Collections. , 2013, , .		3
156	Quantitative analysis of MTTF of composite web services. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2014, 37, 506-516.	1.1	3
157	Code 5-6: An Efficient MDS Array Coding Scheme to Accelerate Online RAID Level Migration. , 2015, , .		3
158	Joint channel assignment, stable routing and adaptive power control in mobile cognitive networks. , 2015, , .		3
159	BPS: A Balanced Partial Stripe Write Scheme to Improve the Write Performance of RAID-6. , 2015, , .		3
160	MapReduce for Cloud Computing. , 2017, , 173-198.		3
161	Toward multi-programmed workloads with different memory footprints: a self-adaptive last level cache scheduling scheme. Science China Information Sciences, 2018, 61, 1.	4.3	3
162	DR DRAM: Accelerating Memory-Read-Intensive Applications. , 2018, , .		3

#	Article	IF	Citations
163	CongraPlus: Towards Efficient Processing of Concurrent Graph Queries on NUMA Machines. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 1990-2002.	5.6	3
164	DR Refresh: Releasing DRAM Potential by Enabling Read Accesses Under Refresh. IEEE Transactions on Computers, 2019, 68, 1584-1596.	3.4	3
165	Characterizing and Balancing the Workloads of Semi-Containerized Clouds. , 2019, , .		3
166	PAM: an efficient power-aware multilevel cache policy to reduce energy consumption of storage systems. Frontiers of Computer Science, 2019, 13, 850-863.	2.4	3
167	Integrated Power Anomaly Defense: Towards Oversubscription-Safe Data Centers. IEEE Transactions on Cloud Computing, 2022, 10, 1875-1887.	4.4	3
168	Efficient and Secure Deep Learning Inference in Trusted Processor Enabled Edge Clouds. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 4311-4325.	5.6	3
169	Exploring Efficient Microservice Level Parallelism. , 2022, , .		3
170	Lower-Bound on Blocking Probability of General Banyan-based Photonic Switches with Zero First-Order Switching-Element-Crosstalk. , 0, , .		2
171	Restoration Probability Modelling for Active Restoration-Based Optical Networks with Correlation Among Backup Routes. IEEE Transactions on Parallel and Distributed Systems, 2007, 18, 1592-1606.	5.6	2
172	ISOS: Space Overlapping Based on Iteration Access Patterns for Dynamic Scratch-pad Memory Management in Embedded Systems. , 2008, , .		2
173	Global Variable Partition with Virtually Shared Scratch Pad Memory to Minimize Schedule Length. , 2009, , .		2
174	A Trade-Off Approach to Optimal Resource Allocation Algorithm with Cache Technology in Ubiquitous Computing Environment. , 2009, , .		2
175	A probabilistic-approach based resource allocation algorithm in pervasive computing systems. , 2010, , .		2
176	A Parallel Skeleton Library for Embedded Multicores. , 2010, , .		2
177	Energy Efficient Transmission Distance Adjustment under Non-uniform Distributed Wireless Sensor Networks. , 2010, , .		2
178	A Method of Context-Driven HCI Service Selection in Multimodal Interaction Environments. , 2011, , .		2
179	An Effective Deadlock Prevention Mechanism for Distributed Transaction Management. , 2011, , .		2
180	Long Duration Broadcast Authentication for Wireless Sensor Networks. , 2012, , .		2

#	ARTICLE	IF	CITATIONS
181	Performance Tuning on Multicore Systems for Feature Matching within Image Collections. , 2013, , .		2
182	A Graph-Based Method for Indoor Subarea Localization with Zero-Configuration. , 2016, , .		2
183	How video streaming consumes power in 4G LTE networks. , 2016, , .		2
184	When Power Oversubscription Meets Traffic Flood Attack. , 2019, , .		2
185	Skia: Scalable and Efficient In-Memory Analytics for Big Spatial-Textual Data. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 2467-2480.	5.7	2
186	Survey and design of paleozoic: a high-performance compiler tool chain for deep learning inference accelerator. CCF Transactions on High Performance Computing, 2020, 2, 332-347.	1.7	2
187	Incremental Throughput Allocation of Heterogeneous Storage With No Disruptions in Dynamic Setting. IEEE Transactions on Computers, 2020, 69, 679-698.	3.4	2
188	Probabilistic robust regression with adaptive weights â€" a case study on face recognition. Frontiers of Computer Science, 2020, 14, 1.	2.4	2
189	PeerProbe: Estimating Vehicular Neighbor Distribution With Adaptive Compressive Sensing. IEEE/ACM Transactions on Networking, 2022, 30, 1703-1716.	3.8	2
190	Online Thread Auto-Tuning for Performance Improvement and Resource Saving. IEEE Transactions on Parallel and Distributed Systems, 2022, , 1-1.	5.6	2
191	Coordinated Multimedia Object Replacement in Transcoding Proxies for Tree Networks. , 2006, , .		1
192	ID-Based Hierarchical Key Graph Scheme in Multi-Privileged Group Communications. , 2007, , .		1
193	Consistent Music Recommendation in Heterogeneous Pervasive Environment. , 2008, , .		1
194	Performance Analysis of Heuristic Algorithms for Lifetime-Aware Directional Multicasting in Wireless Ad Hoc Networks. , 2008, , .		1
195	An Improved Approach to Tag Reduction on Low Power CMP with Trade-Off of Energy and Performance. , 2009, , .		1
196	A Secure and Scalable Rekeying Mechanism for Hierarchical Wireless Sensor Networks. IEICE Transactions on Information and Systems, 2010, E93-D, 421-429.	0.7	1
197	Towards Context-Aware Ubiquitous Transaction Processing: A Model and Algorithm. , 2011, , .		1
198	Parallelism vs. speculation. , 2015, , .		1

#	Article	IF	Citations
199	Joint rate, channel and route selection for cognitive radio ad hoc networks. , 2015, , .		1
200	Fast Proof Generation for Verifying Cloud Search. , 2015, , .		1
201	Zero-Chunk: An Efficient Cache Algorithm to Accelerate the I/O Processing of Data Deduplication. , 2016, , .		1
202	SprintCon: Controllable and Efficient Computational Sprinting for Data Center Servers. , 2019, , .		1
203	A Comprehensive Rearranging Priority Based Method To Accelerate the Reconstruction of RAID Arrays. , 2019, , .		1
204	Joint Topic-Semantic-aware Social Matrix Factorization for online voting recommendation. Knowledge-Based Systems, 2020, 210, 106433.	7.1	1
205	CSC: Collaborative System Configuration for I/O-Intensive Applications in Multi-Tenant Clouds. , 2022, , .		1
206	Transaction Management for Grid Workflow Applications. , 2007, , .		0
207	Advances in high performance computing. Journal of Supercomputing, 2008, 43, 105-106.	3.6	0
208	A linear message distributed multicast algorithm with guaranteed directional communication lifetime in WANETs. , 2008, , .		0
209	An Improved Design of the Ubiquitous Learning System Based on Sensor Networks. , 2008, , .		0
210	An Improved Design for UMP (Ubiquitous Multi-processor) System. , 2008, , .		0
211	A Register Framework for Network Processors with Banked Register File. , 2009, , .		0
212	Network-Based Data Flow Processing System with Variable Data Granularity for Inter-module Communication. , 2009, , .		0
213	IPSem: A Service Approach for IP-Enabled Wireless Sensor Networks. , 2009, , .		0
214	An Accurate and Energy Efficient Fetch Direction Orientation Mechanism for Trace Cache. , 2009, , .		0
215	Efficient Task Allocation Method to Improve Network Processor Throughput. , 2009, , .		0
216	Development of General-Purpose Processing Element and Network-Based Dataflow Processing System: Part One. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
217	Development of General-Purpose Processing Element and Network-Based Dataflow Processing System: Part Two. , 2009, , .		0
218	An Efficient Algorithm for Multimedia Delivery in Pervasive Space. , 2009, , .		0
219	Context-Aware Multimedia Processing System in a Pervasive Environment. , 2009, , .		0
220	Tier-Based Scalable and Secure Routing for Wireless Sensor Networks with Mobile Sinks. IEICE Transactions on Information and Systems, 2010, E93-D, 458-465.	0.7	0
221	A Context Conflict Resolution with Optimized Mediation. , 2010, , .		0
222	xMozart: A Novel Platform for Intelligent Task Migration. , 2010, , .		0
223	GridTDK: A Grid Transaction Development Kit. , 2010, , .		0
224	Circuit Emulation Services over SCTP. , 2011, , .		0
225	Trying Linear Network Coding on a Network Flow Processor. , 2011, , .		0
226	An Efficient Approach of Power Reducing for Scratch-Pad Memory Based Embedded Systems. , 2011, , .		0
227	PPMLT: A Pipeline Based Processing Model of Long Transactions. , 2011, , .		0
228	Proportional Response Based Bandwidth Allocation for Layered P2P Live Streaming. , 2011, , .		0
229	An efficient and scalable ubiquitous storage scheme for delay-sensitive IT applications. Journal of Intelligent Manufacturing, 2012, 23, 955-963.	7.3	0
230	Tag-based personalized image ranking in event browsing. Peer-to-Peer Networking and Applications, 2013, 6, 434-444.	3.9	0
231	Adaptive Non-Local Means for Image Denoising using Turbulent PSO with No-Reference Measures. , 2013, , .		0
232	Loop Transforming for Reducing Data Alignment on Multi-Core SIMD Processors. Journal of Signal Processing Systems, 2014, 74, 137-150.	2.1	0
233	Electro: Toward QoS-Aware Power Management for Latency-Critical Applications. , 2017, , .		0
234	DCF: A Dataflow-Based Collaborative Filtering Training Algorithm. International Journal of Parallel Programming, 2018, 46, 686-698.	1.5	0

#	Article	IF	Citations
235	Optimizing the Aggregated Throughput of GPUs in Public Clouds Based on Adaptive Kernel Reordering. , 2019, , .		0
236	Exploiting big.LITTLE Batteries for Software Defined Management on Mobile Devices. IEEE Transactions on Mobile Computing, 2022, 21, 1998-2012.	5.8	0
237	Editorial for the special issue on high performance distributed computing. CCF Transactions on High Performance Computing, 2021, 3, 127.	1.7	0
238	PRM: An Efficient Partial Recovery Method to Accelerate Training Data Reconstruction for Distributed Deep Learning Applications in Cloud Storage Systems. , 2022, , .		0