Haibing Guan

List of Publications by Year
in descending order

210 papers	3,153 citations	361045 20 h-index	264894 42 g-index
213 all docs	213 docs citations	213 times ranked	2795 citing authors

#	Article	IF	Citations
1	A multi-objective ant colony system algorithm for virtual machine placement in cloud computing. Journal of Computer and System Sciences, 2013, 79, 1230-1242.	0.9	546
2	High performance network virtualization with SR-IOV. Journal of Parallel and Distributed Computing, 2012, 72, 1471-1480.	2.7	149
3	A survey on data center networking for cloud computing. Computer Networks, 2015, 91, 528-547.	3.2	102
4	Intelligent Cloud Resource Management with Deep Reinforcement Learning. IEEE Cloud Computing, 2017, 4, 60-69.	5.3	91
5	High performance network virtualization with SR-IOV. , 2010, , .		82
6	Object Guided External Memory Network for Video Object Detection. , 2019, , .		74
7	Guaranteeing Deadlines for Inter-Data Center Transfers. IEEE/ACM Transactions on Networking, 2017, 25, 579-595.	2.6	73
8	PowerLyra. ACM Transactions on Parallel Computing, 2018, 5, 1-39.	1.2	67
9	Service level agreement based energy-efficient resource management in cloud data centers. Computers and Electrical Engineering, 2014, 40, 1621-1633.	3.0	63
10	SYNC or ASYNC: time to fuse for distributed graph-parallel computation. , 2015, , .		61
11	Transparent and Efficient CFI Enforcement with Intel Processor Trace. , 2017, , .		48
12	Unsupervised Video Summarization with Attentive Conditional Generative Adversarial Networks. , 2019, , .		48
13	Differential privacy in telco big data platform. Proceedings of the VLDB Endowment, 2015, 8, 1692-1703.	2.1	46
14	Design of Hybrid Wireless and Power Line Sensor Networks With Dual-Interface Relay in IoT. IEEE Internet of Things Journal, 2019, 6, 239-249.	5.5	45
15	VGRIS: Virtualized GPU Resource Isolation and Scheduling in Cloud Gaming. Transactions on Architecture and Code Optimization, 2014, 11, 1-25.	1.6	43
16	vGASA: Adaptive Scheduling Algorithm of Virtualized GPU Resource in Cloud Gaming. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 3036-3045.	4.0	42
17	Guaranteeing deadlines for inter-datacenter transfers. , 2015, , .		41
18	Frontier-based multi-robot map exploration using Particle Swarm Optimization. , 2011, , .		40

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19	Towards high-quality I/O virtualization. , 2009, , .		39
20	Concurrent and consistent virtual machine introspection with hardware transactional memory. , 2014, , .		38
21	Replication-Based Fault-Tolerance for Large-Scale Graph Processing. , 2014, , .		37
22	Quality of service aware power management for virtualized data centers. Journal of Systems Architecture, 2013, 59, 245-259.	2.5	35
23	Espresso. , 2018, , .		33
24	LAWS. , 2014, , .		31
25	TEES: An Efficient Search Scheme over Encrypted Data on Mobile Cloud. IEEE Transactions on Cloud Computing, 2017, 5, 126-139.	3.1	31
26	ForenVisor: A Tool for Acquiring and Preserving Reliable Data in Cloud Live Forensics. IEEE Transactions on Cloud Computing, 2017, 5, 443-456.	3.1	29
27	Efficient and Available In-Memory KV-Store with Hybrid Erasure Coding and Replication. ACM Transactions on Storage, 2017, 13, 1-30.	1.4	28
28	Secure Live Migration of SGX Enclaves on Untrusted Cloud. , 2017, , .		28
29	Workload-Aware Credit Scheduler for Improving Network I/O Performance in Virtualization Environment. IEEE Transactions on Cloud Computing, 2014, 2, 130-142.	3.1	27
30	Adaptive Power Management through Thermal Aware Workload Balancing in Internet Data Centers. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2400-2409.	4.0	26
31	VGRIS. , 2013, , .		25
32	Adaptive and Scalable Optimizations for High Performance SR-IOV. , 2012, , .		24
33	On the Incentive Mechanisms for Commercial Edge Caching in 5G Wireless Networks. IEEE Wireless Communications, 2018, 25, 72-78.	6.6	24
34	Fast In-Memory Transaction Processing Using RDMA and HTM. ACM Transactions on Computer Systems, 2017, 35, 1-37.	0.6	24
35	Enhanced Slotted Aloha Protocols for Underwater Sensor Networks with Large Propagation Delay. , 2011, , .		23
36	Deconstructing Xen. , 2017, , .		23

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37	Energy-Efficient SLA Guarantees for Virtualized GPU in Cloud Gaming. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2434-2443.	4.0	22
38	A PSO-inspired multi-robot search algorithm independent of global information. , 2011, , .		20
39	EnDAS: Efficient Encrypted Data Search as a Mobile Cloud Service. IEEE Transactions on Emerging Topics in Computing, 2015, 3, 372-383.	3.2	20
40	Static program analysis assisted dynamic taint tracking for software vulnerability discovery. Computers and Mathematics With Applications, 2012, 63, 469-480.	1.4	19
41	When I/O Interrupt Becomes System Bottleneck: Efficiency and Scalability Enhancement for SR-IOV Network Virtualization. IEEE Transactions on Cloud Computing, 2019, 7, 1183-1196.	3.1	19
42	Real-time Enhancement for Xen Hypervisor. , 2010, , .		18
43	DFL: Secure and Practical Fault Localization for Datacenter Networks. IEEE/ACM Transactions on Networking, 2014, 22, 1218-1231.	2.6	18
44	VButton. , 2018, , .		18
45	HYVI: A HYbrid VIrtualization Solution Balancing Performance and Manageability. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2332-2341.	4.0	17
46	FLOWPROPHET: Generic and Accurate Traffic Prediction for Data-Parallel Cluster Computing. , 2015, , .		17
47	An intermediate language level optimization framework for dynamic binary translation. ACM SIGPLAN Notices, 2007, 42, 3-9.	0.2	16
48	Reducing world switches in virtualized environment with flexible cross-world calls. , 2015, , .		16
49	Energy-Efficient Identification in Large-Scale RFID Systems with Handheld Reader. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1211-1222.	4.0	15
50	A Workflow-Aided Internet of Things Paradigm with Intelligent Edge Computing. IEEE Network, 2020, 34, 92-99.	4.9	15
51	Comprehensive understanding of operation cost reduction using energy storage for IDCs. , 2015, , .		14
52	COMIC: Cost Optimization for Internet Content Multihoming. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 1851-1860.	4.0	14
53	Robust Multi-Resource Allocation with Demand Uncertainties in Cloud Scheduler. , 2017, , .		14
54	Scalable GPU Virtualization with Dynamic Sharing of Graphics Memory Space. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 1823-1836.	4.0	14

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55	Vis: Virtualization enhanced live forensics acquisition for native system. Digital Investigation, 2012, 9, 22-33.	3.2	13
56	Optimizing virtual machines using hybrid virtualization. Journal of Systems and Software, 2012, 85, 2593-2603.	3.3	13
57	Performance Enhancement for Network I/O Virtualization with Efficient Interrupt Coalescing and Virtual Receive-Side Scaling. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1118-1128.	4.0	13
58	Towards Ubiquitous Intelligent Computing: Heterogeneous Distributed Deep Neural Networks. IEEE Transactions on Big Data, 2022, 8, 644-657.	4.4	13
59	Text Localization and Recognition in Complex Scenes Using Local Features. Lecture Notes in Computer Science, 2011, , 121-132.	1.0	12
60	A Distributed Bidirectional Auction Algorithm for Multirobot Coordination. , 2009, , .		11
61	STYX. , 2017, , .		11
62	Comprehensive VM Protection Against Untrusted Hypervisor Through Retrofitted AMD Memory Encryption. , 2018, , .		11
63	Fairness-Efficiency Allocation of CPU-GPU Heterogeneous Resources. IEEE Transactions on Services Computing, 2019, 12, 474-488.	3.2	11
64	GiantVM. , 2020, , .		11
65	EnclaveCache. , 2019, , .		11
66	Dual Adversarial Network for Deep Active Learning. Lecture Notes in Computer Science, 2020, , 680-696.	1.0	11
67	A Map-Coverage Algorithm Basing on Particle Swarm Optimization. , 2009, , .		10
68	Performance Tuning Towards a KVM-Based Low Latency Virtualization System. , 2010, , .		10
69	SR-IOV Based Network Interrupt-Free Virtualization with Event Based Polling. IEEE Journal on Selected Areas in Communications, 2013, 31, 2596-2609.	9.7	10
70	Fuzzy c-means with wavelet filtration for MR image segmentation. , 2014, , .		10
71	gMig. , 2018, , .		10
72	Replication-Based Fault-Tolerance for Large-Scale Graph Processing. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 1621-1635.	4.0	10

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73	CoDBT: A multi-source dynamic binary translator using hardware–software collaborative techniques. Journal of Systems Architecture, 2010, 56, 500-508.	2.5	9
74	A Virtualization Solution for BYOD With Dynamic Platform Context Switching. IEEE Micro, 2015, 35, 34-43.	1.8	9
75	A Virtualization Based Monitoring System for Mini-intrusive Live Forensics. International Journal of Parallel Programming, 2015, 43, 455-471.	1.1	9
76	Enabling Energy Storage in Internet Datacenters: Requirements, Standards, and Opportunities. IEEE Internet Computing, 2016, 20, 66-70.	3.2	9
77	Embedding differential privacy in decision tree algorithm with different depths. Science China Information Sciences, 2017, 60, 1.	2.7	9
78	A scala based framework for developing acceleration systems with FPGAs. Journal of Systems Architecture, 2019, 98, 231-242.	2.5	9
79	Incentive Mechanism Design for Two-Layer Wireless Edge Caching Networks Using Contract Theory. IEEE Transactions on Services Computing, 2021, 14, 1426-1438.	3.2	9
80	SpaceDML: Enabling Distributed Machine Learning in Space Information Networks. IEEE Network, 2021, 35, 82-87.	4.9	9
81	SSIFT: An Improved SIFT Descriptor for Chinese Character Recognition in Complex Images. , 2009, , .		8
82	A Multi-robot Pattern Formation Algorithm Based on Distributed Swarm Intelligence. , 2010, , .		8
83	Adjustable Credit Scheduling for High Performance Network Virtualization. , 2012, , .		8
84	SINOF: A dynamic-static combined framework for dynamic binary translation. Journal of Systems Architecture, 2012, 58, 305-317.	2.5	8
85	An Automation-Assisted Empirical Study on Lock Usage for Concurrent Programs. , 2013, , .		8
86	Distributed Optimal Datacenter Bandwidth Allocation for Dynamic Adaptive Video Streaming. , 2015, , .		8
87	Control of Large-Scale Systems through Dimension Reduction. IEEE Transactions on Services Computing, 2015, 8, 563-575.	3.2	8
88	Efficient Sharing and Fine-Grained Scheduling of Virtualized GPU Resources. , 2018, , .		8
89	A Refined Decompiler to Generate C Code with High Readability. , 2010, , .		7
90	A refined decompiler to generate C code with high readability. Software - Practice and Experience, 2013, 43, 1337-1358.	2.5	7

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91	A Case for Virtualizing Persistent Memory. , 2016, , .		7
92	A user mode CPU–GPU scheduling framework for hybrid workloads. Future Generation Computer Systems, 2016, 63, 25-36.	4.9	7
93	Accurate CPU Proportional Share and Predictable I/O Responsiveness for Virtual Machine Monitor: A Case Study in Xen. IEEE Transactions on Cloud Computing, 2017, 5, 604-616.	3.1	7
94	A First Look at Information Entropy-Based Data Pricing. , 2017, , .		7
95	Re2l: An efficient output-sensitive algorithm for computing Boolean operations on circular-arc polygons and its applications. CAD Computer Aided Design, 2017, 83, 1-14.	1.4	7
96	Tracking-assisted Weakly Supervised Online Visual Object Segmentation in Unconstrained Videos. , 2018, , .		7
97	QTLS. , 2019, , .		7
98	gQoS: A QoS-Oriented GPU Virtualization with Adaptive Capacity Sharing. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 843-855.	4.0	7
99	Fuzzy C-means Clustering with Bilateral Filtering for Medical Image Segmentation. Lecture Notes in Computer Science, 2012, , 221-230.	1.0	7
100	Multithreaded Optimizing Technique for Dynamic Binary Translator CrossBit. , 2008, , .		6
101	Performance Enhancement and Optimized Analysis of the Worst Case End-to-End Delay for AFDX Networks. , 2012, , .		6
102	SMe: explicit & implicit constrained-space probabilistic threshold range queries for moving objects. GeoInformatica, 2016, 20, 19-58.	2.0	6
103	RESERVE: An Energy-Efficient Edge Cloud Architecture for Intelligent Multi-UAV. IEEE Transactions on Services Computing, 2022, 15, 819-832.	3.2	6
104	STYX: A Hierarchical Key Management System for Elastic Content Delivery Networks on Public Clouds. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 843-857.	3.7	6
105	VTT: Long-term Visual Tracking with Transformers. , 2021, , .		6
106	An Improved Descriptor for Chinese Character Recognition. , 2009, , .		5
107	Behavior-Based Proactive Detection of Unknown Malicious Codes. , 2009, , .		5
108	A swarm intelligence based algorithm for distribute search and collective cleanup. , 2010, , .		5

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109	An algorithm for self-organized aggregation of swarm robotics using timer. , 2011, , .		5
110	Vis. , 2011, , .		5
111	Cache isolation for virtualization of mixed general-purpose and real-time systems. Journal of Systems Architecture, 2013, 59, 1405-1413.	2.5	5
112	Maximizing Profit of Cloud Service Brokerage with Economic Demand Response. , 2018, , .		5
113	Heterogeneous Computational Resource Allocation for C-RAN: A Contract-Theoretic Approach. IEEE Transactions on Services Computing, 2021, 14, 2026-2040.	3.2	5
114	gRemote: Cloud rendering on GPU resource pool based on API-forwarding. Journal of Systems Architecture, 2021, 116, 102055.	2.5	5
115	Online traffic-aware linked VM placement in cloud data centers. Science China Information Sciences, 2020, 63, 1.	2.7	5
116	A Hybrid Model Checking and Runtime Monitoring Method for C++ Web Services. , 2009, , .		4
117	Performance Comparison of Register Allocation Algorithms in Dynamic Binary Translation. , 2009, , .		4
118	A statistical-feature-based approach to internet traffic classification using Machine Learning. , 2009, , .		4
119	FiLM: A Runtime Monitoring Tool for Distributed Systems. , 2009, , .		4
120	Memvisor: Application Level Memory Mirroring via Binary Translation. , 2012, , .		4
121	A Improved Clustering Analysis Method Based on Fuzzy C-Means Algorithm by Adding PSO Algorithm. Lecture Notes in Computer Science, 2012, , 231-242.	1.0	4
122	Fuzzy Clustering with Multi-Resolution Bilateral Filtering for Medical Image Segmentation. International Journal of Fuzzy System Applications, 2013, 3, 47-59.	0.5	4
123	MigVisor. , 2017, , .		4
124	Ashman: A Bandwidth Fragmentation-Based Dynamic Flow Scheduling for Data Center Networks. Computer Journal, 2017, 60, 1498-1509.	1.5	4
125	Demon. , 2018, , .		4
126	Deep Learning based Fetal Middle Cerebral Artery Segmentation in Large-scale Ultrasound Images. , 2018, , .		4

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127	gMig: Efficient vGPU Live Migration with Overlapped Software-Based Dirty Page Verification. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 1209-1222.	4.0	4
128	Perceptual Data Augmentation for Biomedical Coronary Vessel Segmentation. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2023, 20, 2494-2505.	1.9	4
129	The Implementation of Static-Integrated Optimization Framework for Dynamic Binary Translation. , 2009, , .		3
130	Debugging classification and anti-debugging strategies. , 2011, , .		3
131	SRIDesk: A Streaming based Remote Interactivity architecture for desktop virtualization system. , 2013, , .		3
132	On pricing schemes in data center network with game theoretic approach. , 2014, , .		3
133	Two-phase execution of binary applications on CPU/GPU machines. Computers and Electrical Engineering, 2014, 40, 1567-1579.	3.0	3
134	Fast Consensus Using Bounded Staleness for Scalable Read-Mostly Synchronization. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 3485-3500.	4.0	3
135	Secure Outsourcing of Virtual Appliance. IEEE Transactions on Cloud Computing, 2017, 5, 390-404.	3.1	3
136	Cost-efficient negotiation over multiple resources with reinforcement learning. , 2017, , .		3
137	Efficient shuffle management with SCache for DAG computing frameworks. , 2018, , .		3
138	HybridPass: Hybrid Scheduling for Mixed Flows in Datacenter Networks. , 2018, , .		3
139	LG-RAM: Load-aware global resource affinity management for virtualized multicore systems. Journal of Systems Architecture, 2019, 98, 114-125.	2.5	3
140	Colony: A Privileged Trusted Execution Environment With Extensibility. IEEE Transactions on Computers, 2022, 71, 479-492.	2.4	3
141	MTCrossBit: A Dynamic Binary Translation System Using Multithreaded Optimization Framework. Lecture Notes in Computer Science, 2009, , 502-512.	1.0	3
142	Scala Based FPGA Design Flow (Abstract Only). , 2017, , .		3
143	gMig. ACM SIGPLAN Notices, 2018, 53, 31-44.	0.2	3
144	Two-View Motion Segmentation by Gaussian Blurring Mean Shift with Fitness Measure. , 2009, , .		2

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145	Integrating Line Segment Based Maps in Multi-Robots Exploration. , 2009, , .		2
146	FLTL-MC: Online High Level Program Analysis for Web Services. , 2009, , .		2
147	A multi-robot self-deployment method based on Particle Swarm Optimization. , 2010, , .		2
148	A Power and Performance Management Framework for Virtualized Server Clusters. , 2011, , .		2
149	sEBP: Event Based Polling for Efficient I/O Virtualization. , 2012, , .		2
150	vINT: Hardware-Assisted Virtual Interrupt Remapping for SMP VM with Scheduling Awareness. , 2015, , .		2
151	ES2: Aiming at an Optimal Virtual I/O Event Path. , 2017, , .		2
152	A Holistic Model for Performance Prediction and Optimization on NUMA-based Virtualized Systems. , 2019, , .		2
153	vSimilar: A high-adaptive VM scheduler based on the CPU pool mechanism. Journal of Systems Architecture, 2019, 98, 361-373.	2.5	2
154	NCQ-Aware I/O Scheduling for Conventional Solid State Drives. , 2019, , .		2
155	Proactive coordination for low-congestion multi-path datacenter networks. Journal of Systems Architecture, 2019, 101, 101656.	2.5	2
156	QWEB: High-Performance Event-Driven Web Architecture With QAT Acceleration. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 2633-2649.	4.0	2
157	Efficient shuffle management for DAG computing frameworks based on the FRQ model. Journal of Parallel and Distributed Computing, 2021, 149, 163-173.	2.7	2
158	DaSS: Dynamic Time Slice Scheduler for Virtual Machine Monitor. Lecture Notes in Computer Science, 2015, , 77-90.	1.0	2
159	HYBit: A Hybrid Taint Analyzing Framework for Binary Programs. Lecture Notes in Computer Science, 2013, , 232-239.	1.0	2
160	A Throughput-Oriented NVMe Storage Virtualization with Workload-Aware Management. IEEE Transactions on Computers, 2020, , 1-1.	2.4	2
161	QKPT: Securing Your Private Keys in Cloud With Performance, Scalability and Transparency. IEEE Transactions on Dependable and Secure Computing, 2023, 20, 478-491.	3.7	2
162	GiantVM: A Novel Distributed Hypervisor for Resource Aggregation with DSM-aware Optimizations. Transactions on Architecture and Code Optimization, 2022, 19, 1-27.	1.6	2

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163	Pattern formation using multiple robots. , 2009, , .		1
164	A New Approach to Reorganize Code Layout of Software Cache in Dynamic Binary Translator. , 2010, , .		1
165	The Optimizations in Dynamic Binary Translation. , 2010, , .		1
166	Performance of a Multi-channel MAC Protocol Implemented in Multi-robot System. , 2011, , .		1
167	Multi-Granularity Memory Mirroring via Binary Translation in Cloud Environments. IEEE Transactions on Network and Service Management, 2014, 11, 36-45.	3.2	1
168	WaSCO: A Hybrid Enterprise Desktop Wake-Up System Based on Cloud Infrastructure. IEEE Access, 2015, 3, 2000-2013.	2.6	1
169	FL: Design and Implementation of Distributed Dynamic Fault Localization. IEEE Transactions on Dependable and Secure Computing, 2018, 15, 378-392.	3.7	1
170	The Cloud Service Broker in Multicloud Demand Response. IEEE Cloud Computing, 2018, 5, 80-91.	5.3	1
171	Qualitative Instead of Quantitative: Towards Practical Data Analysis Under Differential Privacy. Lecture Notes in Computer Science, 2018, , 738-751.	1.0	1
172	Enclavisor: A Hardware-software Co-design for Enclaves on Untrusted Cloud. IEEE Transactions on Computers, 2020, , 1-1.	2.4	1
173	ES2: Building an Efficient and Responsive Event Path for I/O Virtualization. IEEE Transactions on Cloud Computing, 2022, 10, 1358-1372.	3.1	1
174	Enabling Cloud Applications to Negotiate Multiple Resources in a Cost-Efficient Manner. IEEE Transactions on Services Computing, 2021, 14, 413-425.	3.2	1
175	A comprehensive test framework for cryptographic accelerators in the cloud. Journal of Systems Architecture, 2021, 113, 101873.	2.5	1
176	A Translation Framework for Executing the Sequential Binary Code on CPU/GPU Based Architectures. Journal of Software, 2011, 6, .	0.6	1
177	Probabilistic Fault Management. Chapman & Hall/CRC Studies in Informatics Series, 2009, , 309-347.	0.1	1
178	A Novel System for Robust Text Location and Recognition of Book Covers. Lecture Notes in Computer Science, 2010, , 608-617.	1.0	1
179	Code cache management based on working set in dynamic binary translator. Computer Science and Information Systems, 2011, 8, 653-671.	0.7	1
180	A Dynamic-Static Combined Code Layout Reorganization Approach for Dynamic Binary Translation. Journal of Software, 2011, 6, .	0.6	1

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181	Demon. ACM SIGPLAN Notices, 2018, 53, 57-70.	0.2	1
182	MDev-NVMe: Mediated Pass-Through NVMe Virtualization Solution With Adaptive Polling. IEEE Transactions on Computers, 2022, 71, 251-265.	2.4	1
183	Robust Bayesian Neural Networks by Spectral Expectation Bound Regularization. , 2021, , .		1
184	Croth: Effective Process Protection and Monitoring with Hardware Virtualization. , 2009, , .		0
185	A Runtime Profile Method for Dynamic Binary Translation Using Hardware-Support Technique. , 2009, , .		0
186	An Improved Offline Stable Point Filtering Method for Mobile Search Application. , 2009, , .		0
187	Collision-Based Localization for Small Scale Mobile Wireless Sensor Networks. , 2009, , .		0
188	CacheBit: A Multisource-Multitarget Cache Instrumentation Tool. , 2009, , .		0
189	A heuristic policy-based system call interposition in Dynamic Binary Translation. , 2009, , .		0
190	Efficient Online Trace Building Using Code Replication. , 2010, , .		0
191	A Translation Framework for Virtual Execution Environment on CPU/GPU Architecture. , 2010, , .		0
192	An Improved Content-Based Data Dissemination In Human Contact-Based Network. , 2011, , .		0
193	MTCrossBit: A dynamic binary translation system based on multithreaded optimization. Science China Information Sciences, 2011, 54, 2064-2078.	2.7	0
194	SPAD. , 2011, , .		0
195	Apad: A QoS Guarantee System for Virtualized Enterprise Servers. , 2011, , .		0
196	High Availability through Output Continuity. , 2012, , .		0
197	kMemvisor. , 2013, , .		0
198	ScalaHDL: Express and test hardware designs in a Scala DSL. , 2014, , .		0

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199	Fence-Free Synchronization with Dynamically Serialized Synchronization Variables. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 3486-3500.	4.0	0
200	Optimizing Virtual Resource Management for Consolidated NUMA Systems. , 2018, , .		0
201	CoINT: Proactive Coordinator for Avoiding Interruptability Holder Preemption Problem in VSMP Environment. , 2018, , .		0
202	A distributed hypervisor for resource aggregation. , 2019, , .		0
203	HyperCo: Optimizing Network Performance in ARM-Based Mobile Virtualization. IEEE Transactions on Services Computing, 2019, 12, 131-143.	3.2	0
204	Balancing Power And Performance In HPC Clouds. Computer Journal, 2020, 63, 880-899.	1.5	0
205	HAVS: Hardware-accelerated Shared-memory-based VPP Network Stack. , 2021, , .		0
206	SWVM: a light-weighted virtualization platform based on Sunway CPU architecture. Science China Information Sciences, 2022, 65, 1.	2.7	0
207	Fine-Grained Pose Temporal Memory Module for Video Pose Estimation and Tracking. , 2021, , .		0
208	Flexible Endian Adjustment for Cross Architecture Binary Translation. Communications in Computer and Information Science, 2011, , 155-162.	0.4	0
209	MTSDT: Multithreaded Software Dynamic Translator for Multi-Core System. Advanced Science Letters, 2011, 4, 2331-2336.	0.2	0
210	Positional Mask Attention for Video Sequence Modeling. , 2021, , .		0