

Jinkyu Jeong

List of Publications by Year in descending order

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25
papers

296
citations

1163117

8
h-index

888059

17
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25
all docs

25
docs citations

25
times ranked

231
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy Efficient Scheduling of Real-Time Tasks on Multicore Processors. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 1540-1552.	5.6	131
2	Power Consumption Prediction and Power-Aware Packing in Consolidated Environments. IEEE Transactions on Computers, 2010, 59, 1640-1654.	3.4	24
3	Selective memory deduplication for cost efficiency in mobile smart devices. IEEE Transactions on Consumer Electronics, 2014, 60, 276-284.	3.6	21
4	Transparently bridging semantic gap in CPU management for virtualized environments. Journal of Parallel and Distributed Computing, 2011, 71, 758-773.	4.1	18
5	Group-based memory oversubscription for virtualized clouds. Journal of Parallel and Distributed Computing, 2014, 74, 2241-2256.	4.1	17
6	Optimizing the startup time of embedded systems: a case study of digital TV. IEEE Transactions on Consumer Electronics, 2009, 55, 2242-2247.	3.6	15
7	Analysis of virtual machine live-migration as a method for power-capping. Journal of Supercomputing, 2013, 66, 1629-1655.	3.6	15
8	A neural network accelerator for mobile application processors. IEEE Transactions on Consumer Electronics, 2015, 61, 555-563.	3.6	9
9	A Case for Hardware-Based Demand Paging. , 2020, , .		8
10	Compressed memory swap for QoS of virtualized embedded systems. IEEE Transactions on Consumer Electronics, 2012, 58, 834-840.	3.6	6
11	Development of behavior-profilers for multimedia consumer electronics. IEEE Transactions on Consumer Electronics, 2009, 55, 1929-1935.	3.6	5
12	NAP: Natural App Processing for Predictive User Contexts in Mobile Smartphones. Applied Sciences (Switzerland), 2020, 10, 6657.	2.5	5
13	Zero-Copying I/O Stack for Low-Latency SSDs. IEEE Computer Architecture Letters, 2021, 20, 50-53.	1.5	4
14	AppWatch: detecting kernel bug for protecting consumer electronics applications. IEEE Transactions on Consumer Electronics, 2010, 56, 687-694.	3.6	3
15	Transparently Exploiting Device-Reserved Memory for Application Performance in Mobile Systems. IEEE Transactions on Mobile Computing, 2016, 15, 2878-2891.	5.8	3
16	A Performance-Stable NUMA Management Scheme for Linux-Based HPC Systems. IEEE Access, 2021, 9, 52987-53002.	4.2	3
17	Efficient hybrid polling for ultra-low latency storage devices. Journal of Systems Architecture, 2021, , 102338.	4.3	3
18	Exploiting asymmetric CPU performance for fast startup of subsystem in mobile smart devices. IEEE Transactions on Consumer Electronics, 2015, 61, 103-111.	3.6	2

#	ARTICLE	IF	CITATIONS
19	Catching two rabbits: adaptive real-time support for embedded Linux. Software - Practice and Experience, 2009, 39, 531-550.	3.6	1
20	Enhancing network I/O performance for a virtualized Hadoop cluster. Concurrency Computation Practice and Experience, 2017, 29, e3974.	2.2	1
21	DRAM architecture for efficient data lifetime management. IEICE Electronics Express, 2017, 14, 20170309-20170309.	0.8	1
22	SCOZ: A system-wide causal profiler for multicore systems. Software - Practice and Experience, 2021, 51, 1043-1058.	3.6	1
23	KAL: kernel-assisted non-invasive memory leak tolerance with a general-purpose memory allocator. Software - Practice and Experience, 2010, 40, 605-625.	3.6	0
24	Efficient function call tracing with link-time binary rewriting for CE devices. IEEE Transactions on Consumer Electronics, 2013, 59, 892-900.	3.6	0
25	Cache scheme of shared-buffer mappings for energy efficiency of mobile devices. Electronics Letters, 2015, 51, 830-832.	1.0	0