Kyu Ho Park

List of Publications by Year
in descending order

56 papers	534 citations

932766

10 h-index	19 g-index

794141

56 all docs	56 docs citations	56 times ranked	334 citing authors

#	Article	IF	Citations
1	Reference Pattern-Aware Instant Memory Balancing for Consolidated Virtual Machineson Manycores. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 2036-2050.	4.0	1
2	MN-MATE. ACM Journal on Emerging Technologies in Computing Systems, 2015, 12, 1-25.	1.8	9
3	Credit-based Runtime Placement of Virtual Machines on a Single NUMA System for QoS of Data Access Performance. IEEE Transactions on Computers, 2014, , 1-1.	2.4	4
4	Efficient memory management of a hierarchical and a hybrid main memory for MN-MATE platform. , 2012, , .		5
5	Resource Management of Manycores with a Hierarchical and a Hybrid Main Memory for MN-MATE Cloud Node. , 2012, , .		4
6	MNK: Configurable Hybrid Flash Translation Layer for Multi-Channel SSD. , 2012, , .		4
7	MN-GEMS: A Timing-Aware Simulator for a Cloud Node with Manycore, DRAM, and Non-volatile Memories. , 2011, , .		1
8	A Cooperative Clustering Protocol for Energy Saving of Mobile Devices with WLAN and Bluetooth Interfaces. IEEE Transactions on Mobile Computing, 2011, 10, 491-504.	3.9	72
9	High-Performance Scalable Flash File System Using Virtual Metadata Storage with Phase-Change RAM. IEEE Transactions on Computers, 2011, 60, 321-334.	2.4	23
10	Efficient page caching algorithm with prediction and migration for a hybrid main memory. ACM SIGAPP Applied Computing Review: A Publication of the Special Interest Group on Applied Computing, 2011, 11, 38-48.	0.5	37
11	Migration based page caching algorithm for a hybrid main memory of DRAM and PRAM. , 2011, , .		25
12	Design of Embedded Database Based on Hybrid Storage of PRAM and NAND Flash Memory. Lecture Notes in Computer Science, 2011, , 254-263.	1.0	1
13	A Practical Code Rate Decision Scheme Based on Playable Bitrate Model for Error-Resilient Joint Source-Channel Coding. IEICE Transactions on Communications, 2011, E94-B, 676-685.	0.4	0
14	Arrangement of multi-dimensional scalable video data for heterogeneous clients. Information Systems, 2010, 35, 237-259.	2.4	2
15	BLAST: Applying Streaming Ciphers Into Outsourced Cloud Storage. , 2010, , .		3
16	MN-Mate: Resource Management of Manycores with DRAM and Nonvolatile Memories. , 2010, , .		7
17	THEMIS: Towards Mutually Verifiable Billing Transactions in the Cloud Computing Environment. , 2010, , .		18
18	Enabling sportive games with a do-it-yourself wearable computing platform. , 2010, , .		1

#	Article	IF	Citations
19	PokerFace: Game players themselves are truly memorable. , 2010, , .		0
20	HyperDealer: Reference-Pattern-Aware Instant Memory Balancing for Consolidated Virtual Machines. , 2010, , .		15
21	Prediction-Based Micro-Scheduler: Toward Responsive Scheduling of General-Purpose Operating Systems. IEEE Transactions on Computers, 2009, 58, 648-661.	2.4	2
22	Striping-Aware Sequential Prefetching for Independency and Parallelism in Disk Arrays with Concurrent Accesses. IEEE Transactions on Computers, 2009, 58, 1146-1152.	2.4	7
23	A Hybrid Flash File System Based on NOR and NAND Flash Memories for Embedded Devices. IEEE Transactions on Computers, 2008, 57, 1002-1008.	2.4	32
24	Computationally Efficient PKI-Based Single Sign-On Protocol, PKASSO for Mobile Devices. IEEE Transactions on Computers, 2008, 57, 821-834.	2.4	21
25	Massive Stripe Cache And Prefetching for Massive File I/O. , 2007, , .		2
26	ITHROW : A New Gesture-Based Wearable Input Device with Target Selection Algorithm. , 2007, , .		3
27	Scrap: Data Reorganization and Placement of Two Dimensional Scalable Video in a Disk Array-Based Video Server. , 2007, , .		1
28	TPF: TCP Plugged File System for Efficient Data Delivery over TCP. IEEE Transactions on Computers, 2007, 56, 459-473.	2.4	2
29	Matrix-Stripe-Cache-Based Contiguity Transform for Fragmented Writes in RAID-5. IEEE Transactions on Computers, 2007, 56, 1040-1054.	2.4	10
30	A Ubiquitous Fashionable Computer with an i-Throw Device on a Location-Based Service Environment. , 2007, , .		20
31	Scrap: Data Reorganization and Placement of Two Dimensional Scalable Video in a Disk Array-Based Video Server. , 2007, , .		0
32	ECEM: an event correlation based event manager for an I/O-intensive application. Journal of Systems and Software, 2005, 74, 229-242.	3.3	2
33	Autonomous Management of Clustered Server Systems Using JINI. Lecture Notes in Computer Science, 2004, , 124-134.	1.0	2
34	An adaptive admission control mechanism for a cluster-based web server system. , 2002, , .		2
35	A WORMHOLE ROUTER WITH EMBEDDED BROADCASTING VIRTUAL BUS FOR MESH COMPUTERS. Parallel Processing Letters, 2000, 10, 29-37.	0.4	0
36	Hierarchical partitioning algorithm for optimistic distributed simulation of DEVS models. Journal of Systems Architecture, 1998, 44, 433-455.	2.5	16

#	Article	IF	Citations
37	Comments on "Hierarchical cubic networks". IEEE Transactions on Parallel and Distributed Systems, 1998, 9, 410-414.	4.0	33
38	Title is missing!. Discrete Event Dynamic Systems: Theory and Applications, 1997, 7, 355-375.	0.6	58
39	Shop-floor scheduling at shipbuilding yards using the multiple intelligent agent system. Journal of Intelligent Manufacturing, 1997, 8, 505-515.	4.4	18
40	Ordering of simultaneous events in distributed DEVS simulation. Simulation Modelling Practice and Theory, 1997, 5, 253-268.	0.4	11
41	A type-merging algorithm for extracting an isosurface from volumetric data. Visual Computer, 1996, 12, 406-419.	2.5	10
42	Mapping hierarchical, modular discrete event models in a hypercube multicomputer. Simulation Modelling Practice and Theory, 1995, 2, 257-275.	0.4	5
43	EVENT-BASED INTELLIGENT CONTROL USING ENDOMORPHIC NEURAL NETWORK MODEL. Applied Artificial Intelligence, 1995, 9, 479-494.	2.0	1
44	A REAL-TIME SCHEDULING ALGORITHM FOR TASKS WITH RESOURCE CONTENTION ON A MULTIPROCESSOR. Journal of Circuits, Systems and Computers, 1994, 04, 243-253.	1.0	0
45	Surface modeling method by polygonal primitives for visualizing three-dimensional volume data. Visual Computer, 1992, 8, 246-259.	2.5	13
46	A blackboard-based expert system for control structure synthesis of chemical processing plants. Journal of Intelligent Manufacturing, 1991, 2, 379-385.	4.4	1
47	A real-time, parallel face recognition on task-level pipelined multicomputer. , 0, , .		2
48	A vertex merging algorithm for extracting a variable-resolution isosurface from volume data. , 0, , .		1
49	Model validation of a wormhole router system. , 0, , .		0
50	Hybrid full map directory scheme for distributed shared memory multiprocessors. , 0, , .		0
51	Modeling and simulation of a parallel operating system: processor sharing example. , 0, , .		0
52	Segment directory enhancing the limited directory cache coherence schemes. , 0, , .		11
53	Moving home-based lazy release consistency for shared virtual memory systems. , 0, , .		9
54	A real-time disk scheduler for multimedia integrated server considering the disk internal scheduler. , 0, , .		6

#	Article	IF	Citations
55	DNS: disk-to-network splicing for network driven data transferring. , 0, , .		0
56	Translation from DEVS models to synthesizable VHDL programs. , 0, , .		1