Kyoung-Don Kang

List of Publications by Year
in descending order

27	393	1478280	1588896
papers	citations	6	8
		h-index	g-index

27	27	27	296
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A New Power Analysis Attack and a Countermeasure in Embedded Systems. , 2018, , .		2
2	A Framework for Real-Time Information Derivation from Big Sensor Data. , 2015, , .		1
3	A Predictive-Reactive Method for Improving the Robustness of Real-Time Data Services. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 974-986.	4.0	9
4	Grex: An efficient MapReduce framework for graphics processing units. Journal of Parallel and Distributed Computing, 2013, 73, 522-533.	2.7	28
5	Moim: A Multi-GPU MapReduce Framework. , 2013, , .		4
6	A Federated Approach for Increasing the Timely Throughput of Real-Time Data Services. , 2012, , .		0
7	Optimal Joint Multi-Path Routing and Sampling Rates Assignment for Real-Time Wireless Sensor Networks. , 2011, , .		5
8	Estimating and Enhancing Real-Time Data Service Delays: Control-Theoretic Approaches. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 554-567.	4.0	8
9	Deadline Assignment and Tardiness Control for Real-Time Data Services. , 2010, , .		3
10	Integrating Proactive and Reactive Approaches for Robust Real-Time Data Services. , 2009, , .		2
11	Adaptive Data Replication for Load Sharing in a Sensor Data Center. , 2009, , .		5
12	Security in Wireless Sensor Networks. Computer Communications and Networks, 2009, , 491-512.	0.8	5
13	Real-Time Data Services for Cyber Physical Systems. , 2008, , .		42
14	Backlog Estimation and Management for Real-Time Data Services. , 2008, , .		8
15	Chronos: Feedback Control of a Real Database System Performance. , 2007, , .		35
16	A Real-Time Database Testbed and Performance Evaluation. Gifted and Talented International, 2007, , .	0.2	7
17	An Approach for Real-Time Database Modeling and Performance Management. Real Time and Embedded Technology and Applications Symposium (RTAS), IEEE, 2007, , .	0.0	2
18	Location verification and trust management for resilient geographic routing. Journal of Parallel and Distributed Computing, 2007, 67, 215-228.	2.7	91

#	Article	IF	Citations
19	Systematic Security and Timeliness Tradeoffs in Real-Time Embedded Systems. , 2006, , .		6
20	Towards resilient geographic routing in WSNs. , 2005, , .		38
21	Differentiated Real-Time Data Services for E-Commerce Applications. Electronic Commerce Research, 2003, 3, 113-142.	3.0	16
22	A scalable web-based real-time information distribution service for industrial applications. , 0, , .		1
23	QoS management in Web-based real-time data services. , 0, , .		10
24	A QoS-sensitive approach for timeliness and freshness guarantees in real-time databases. , 0, , .		44
25	Service differentiation in real-time main memory databases. , 0, , .		16
26	STAR: secure real-time transaction processing with timeliness guarantees. , 0, , .		4
27	FeedClean: Feedback-Driven Clean Utilization Management to Improve Real-Time Data Services in Dynamic Environments. , 0, , .		1