

Kyoung-Don Kang

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

393
citations

1477746

6
h-index

1588620

8
g-index

27
all docs

27
docs citations

27
times ranked

296
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Location verification and trust management for resilient geographic routing. Journal of Parallel and Distributed Computing, 2007, 67, 215-228. | 2.7 | 91 |
| 2 | A QoS-sensitive approach for timeliness and freshness guarantees in real-time databases. , 0, , . | | 44 |
| 3 | Real-Time Data Services for Cyber Physical Systems. , 2008, , . | | 42 |
| 4 | Towards resilient geographic routing in WSNs. , 2005, , . | | 38 |
| 5 | Chronos: Feedback Control of a Real Database System Performance. , 2007, , . | | 35 |
| 6 | GreX: An efficient MapReduce framework for graphics processing units. Journal of Parallel and Distributed Computing, 2013, 73, 522-533. | 2.7 | 28 |
| 7 | Service differentiation in real-time main memory databases. , 0, , . | | 16 |
| 8 | Differentiated Real-Time Data Services for E-Commerce Applications. Electronic Commerce Research, 2003, 3, 113-142. | 3.0 | 16 |
| 9 | QoS management in Web-based real-time data services. , 0, , . | | 10 |
| 10 | 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 |
| 11 | Backlog Estimation and Management for Real-Time Data Services. , 2008, , . | | 8 |
| 12 | 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 |
| 13 | A Real-Time Database Testbed and Performance Evaluation. Gifted and Talented International, 2007, , . | 0.2 | 7 |
| 14 | Systematic Security and Timeliness Tradeoffs in Real-Time Embedded Systems. , 2006, , . | | 6 |
| 15 | Adaptive Data Replication for Load Sharing in a Sensor Data Center. , 2009, , . | | 5 |
| 16 | Optimal Joint Multi-Path Routing and Sampling Rates Assignment for Real-Time Wireless Sensor Networks. , 2011, , . | | 5 |
| 17 | Security in Wireless Sensor Networks. Computer Communications and Networks, 2009, , 491-512. | 0.8 | 5 |
| 18 | STAR: secure real-time transaction processing with timeliness guarantees. , 0, , . | | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Moim: A Multi-GPU MapReduce Framework. , 2013, , . | | 4 |
| 20 | Deadline Assignment and Tardiness Control for Real-Time Data Services. , 2010, , . | | 3 |
| 21 | An Approach for Real-Time Database Modeling and Performance Management. Real Time and Embedded Technology and Applications Symposium (RTAS), IEEE, 2007, , . | 0.0 | 2 |
| 22 | Integrating Proactive and Reactive Approaches for Robust Real-Time Data Services. , 2009, , . | | 2 |
| 23 | A New Power Analysis Attack and a Countermeasure in Embedded Systems. , 2018, , . | | 2 |
| 24 | A scalable web-based real-time information distribution service for industrial applications. , 0, , . | | 1 |
| 25 | FeedClean: Feedback-Driven Clean Utilization Management to Improve Real-Time Data Services in Dynamic Environments. , 0, , . | | 1 |
| 26 | A Framework for Real-Time Information Derivation from Big Sensor Data. , 2015, , . | | 1 |
| 27 | A Federated Approach for Increasing the Timely Throughput of Real-Time Data Services. , 2012, , . | | 0 |