

Scott Brandt

List of Publications by Year in descending order

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16
papers

465
citations

1684188

5
h-index

2053705

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16
all docs

16
docs citations

16
times ranked

240
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | An Elastic Mixed-Criticality Task Model and Early-Release EDF Scheduling Algorithms. ACM Transactions on Design Automation of Electronic Systems, 2017, 22, 1-25. | 2.6 | 16 |
| 2 | Quasi-partitioned scheduling: optimality and adaptation in multiprocessor real-time systems. Real-Time Systems, 2016, 52, 566-597. | 1.3 | 20 |
| 3 | OUTSTANDING PAPER: Optimal and Adaptive Multiprocessor Real-Time Scheduling: The Quasi-Partitioning Approach. , 2014, , . | | 13 |
| 4 | SupMR: Circumventing Disk and Memory Bandwidth Bottlenecks for Scale-up MapReduce. , 2014, , . | | 4 |
| 5 | Multiprocessor scheduling by reduction to uniprocessor: an original optimal approach. Real-Time Systems, 2013, 49, 436-474. | 1.3 | 14 |
| 6 | SIDR. , 2013, , . | | 1 |
| 7 | Supporting Low-Latency CPS Using GPUs and Direct I/O Schemes. , 2012, , . | | 4 |
| 8 | DataMods: Programmable File System Services. , 2012, , . | | 2 |
| 9 | Compressing Intermediate Keys between Mappers and Reducers in SciHadoop. , 2012, , . | | 9 |
| 10 | SciHadoop. , 2011, , . | | 91 |
| 11 | RUN: Optimal Multiprocessor Real-Time Scheduling via Reduction to Uniprocessor. , 2011, , . | | 83 |
| 12 | DP-Fair: a unifying theory for optimal hard real-time multiprocessor scheduling. Real-Time Systems, 2011, 47, 389-429. | 1.3 | 51 |
| 13 | DP-FAIR: A Simple Model for Understanding Optimal Multiprocessor Scheduling. , 2010, , . | | 108 |
| 14 | Virtualizing Disk Performance. , 2008, , . | | 18 |
| 15 | Efficient guaranteed disk request scheduling with fahrad. Operating Systems Review (ACM), 2008, 42, 13-25. | 1.9 | 18 |
| 16 | Diverse Soft Real-Time Processing in an Integrated System. , 2006, , . | | 13 |