

Scott Brandt

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3615318/publications.pdf>

Version: 2024-02-01

16
papers

465
citations

1684188

5
h-index

2053705

5
g-index

16
all docs

16
docs citations

16
times ranked

240
citing authors

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