

Bronis R De Supinski

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

905
citations

1478505

6
h-index

1720034

7
g-index

16
all docs

16
docs citations

16
times ranked

520
citing authors

#	ARTICLE	IF	CITATIONS
1	Debugging high-performance computing applications at massive scales. Communications of the ACM, 2015, 58, 72-81.	4.5	21
2	Critical path-based thread placement for NUMA systems. Performance Evaluation Review, 2012, 40, 106-112.	0.6	13
3	ScalaTrace: Tracing, Analysis and Modeling of HPC Codes at Scale. Lecture Notes in Computer Science, 2012, , 410-418.	1.3	5
4	Large Scale Verification of MPI Programs Using Lamport Clocks with Lazy Update. , 2011, , .		11
5	Formal analysis of MPI-based parallel programs. Communications of the ACM, 2011, 54, 82-91.	4.5	56
6	Transforming MPI source code based on communication patterns. Future Generation Computer Systems, 2010, 26, 147-154.	7.5	18
7	Hybrid MPI/OpenMP power-aware computing. , 2010, , .		95
8	A Scalable and Distributed Dynamic Formal Verifier for MPI Programs. , 2010, , .		65
9	Scalable temporal order analysis for large scale debugging. , 2009, , .		38
10	ScalaTrace: Scalable compression and replay of communication traces for high-performance computing. Journal of Parallel and Distributed Computing, 2009, 69, 696-710.	4.1	223
11	Prediction models for multi-dimensional power-performance optimization on many cores. , 2008, , .		120
12	Using MPI Communication Patterns to Guide Source Code Transformations. Lecture Notes in Computer Science, 2008, , 253-260.	1.3	25
13	Preserving time in large-scale communication traces. , 2008, , .		40
14	P ^N MPI tools. , 2007, , .		48
15	Scalable Compression and Replay of Communication Traces in Massively Parallel Environments. , 2007, , .		28
16	Stack Trace Analysis for Large Scale Debugging. , 2007, , .		99