

Adolfy Hoisie

List of Publications by Year in descending order

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15
papers

450
citations

1307594

7
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

272
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance and Scalability Analysis of Teraflop-Scale Parallel Architectures Using Multidimensional Wavefront Applications. International Journal of High Performance Computing Applications, 2000, 14, 330-346.	3.7	121
2	Entering the petaflop era: The architecture and performance of Roadrunner. , 2008, , .		112
3	Performance Evaluation of the Quadrics Interconnection Network. Cluster Computing, 2003, 6, 125-142.	5.0	61
4	A PERFORMANCE EVALUATION OF THE NEHALEM QUAD-CORE PROCESSOR FOR SCIENTIFIC COMPUTING. Parallel Processing Letters, 2008, 18, 453-469.	0.6	39
5	USE OF PREDICTIVE PERFORMANCE MODELING DURING LARGE-SCALE SYSTEM INSTALLATION. Parallel Processing Letters, 2005, 15, 387-395.	0.6	23
6	A Performance Comparison Through Benchmarking and Modeling of Three Leading Supercomputers: Blue Gene/L, Red Storm, and Purple. , 2006, , .		21
7	A performance comparison between the Earth Simulator and other terascale systems on a characteristic ASCI workload. Concurrency Computation Practice and Experience, 2005, 17, 1219-1238.	2.2	15
8	A performance comparison of current HPC systems: Blue Gene/Q, Cray XE6 and InfiniBand systems. Future Generation Computer Systems, 2014, 30, 291-304.	7.5	11
9	Comparing the Performance of Blue Gene/Q with Leading Cray XE6 and InfiniBand Systems. , 2012, , .		10
10	A performance model of non-deterministic particle transport on large-scale systems. Future Generation Computer Systems, 2006, 22, 324-335.	7.5	9
11	Performance Modeling of the Blue Gene Architecture. , 2006, , .		8
12	Using multirail networks in high-performance clusters. Concurrency Computation Practice and Experience, 2003, 15, 625-651.	2.2	7
13	Verifying Large-Scale System Performance During Installation Using Modelling. , 2004, , 143-156.		5
14	Experiences in scaling scientific applications on current-generation quad-core processors. Parallel and Distributed Processing Symposium (IPDPS), Proceedings of the International Conference on, 2008, , .	1.0	4
15	Codesign for Systems and Applications: Charting the Path to Exascale Computing. Computer, 2011, 44, 19-21.	1.1	4