Gokcen Kestor

List of Publications by Year in descending order

29 papers	346 citations	2682572 2 h-index	2053705 5 g-index
33 all docs	33 docs citations	33 times ranked	304 citing authors

#	Article	IF	Citations
1	Ground-Truth Prediction to Accelerate Soft-Error Impact Analysis for Iterative Methods. , 2019, , .		3
2	Comparative analysis of soft-error detection strategies. , 2018, , .		7
3	MPI windows on storage for HPC applications. , 2017, , .		6
4	Localized Fault Recovery for Nested Fork-Join Programs. , 2017, , .		16
5	Extending Message Passing Interface Windows to Storage. , 2017, , .		2
6	Exploring the Effect of Compiler Optimizations on the Reliability of HPC Applications. , 2017, , .		11
7	Exploring the Performance Benefit of Hybrid Memory System on HPC Environments. , 2017, , .		21
8	Toward a General Theory of Optimal Checkpoint Placement. , 2017, , .		11
9	RTHMS: a tool for data placement on hybrid memory system. , 2017, , .		26
10	Preparing HPC Applications for the Exascale Era: A Decoupling Strategy. , 2017, , .		2
11	RTHMS: a tool for data placement on hybrid memory system. ACM SIGPLAN Notices, 2017, 52, 82-91.	0.2	7
12	Idle Period Propagation in Message-Passing Applications. , 2016, , .		2
13	Assessing Advanced Technology in CENATE. , 2016, , .		2
14	Exploring Application Performance on Emerging Hybrid-Memory Supercomputers. , 2016, , .		9
15	A Performance Characterization of Streaming Computing on Supercomputers. Procedia Computer Science, 2016, 80, 98-107.	2.0	7
16	Understanding the propagation of transient errors in HPC applications. , 2015, , .		60
17	Verification Tools for Transactional Programs. Lecture Notes in Computer Science, 2015, , 283-306.	1.3	1
18	On the Application Task Granularity and the Interplay with the Scheduling Overhead in Many-Core Shared Memory Systems. , 2015, , .		5

#	Article	IF	Citations
19	Prometheus: scalable and accurate emulation of task-based applications on many-core systems. , 2015, , .		6
20	Online Monitoring System for Performance Fault Detection. , 2014, , .		2
21	Online Monitoring Systems for Performance Fault Detection. Parallel Processing Letters, 2014, 24, 1442003.	0.6	1
22	T-Rex. , 2014, , .		7
23	Cross-Layer Self-Adaptive/Self-Aware System Software for Exascale Systems. , 2014, , .		2
24	Quantifying the energy cost of data movement in scientific applications. , 2013, , .		89
25	Enabling accurate power profiling of HPC applications on exascale systems. , 2013, , .		13
26	Enhancing the performance of assisted execution runtime systems through hardware/software techniques. , 2012, , .		0
27	STM2: A Parallel STM for High Performance Simultaneous Multithreading Systems. , 2011, , .		9
28	RMS-TM: a comprehensive benchmark suite for transactional memory systems. , 2011, , .		14
29	RMS-TM. Performance Evaluation Review, 2011, 39, 19-19.	0.6	0