

Gregory H Bauer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1075364/publications.pdf>

Version: 2024-02-01

17
papers

254
citations

1478505

6
h-index

1281871

11
g-index

17
all docs

17
docs citations

17
times ranked

343
citing authors

#	ARTICLE	IF	CITATIONS
1	Roofline analysis with Cray performance analysis tools (CrayPat) and roofline-based performance projections for a future architecture. <i>Concurrency Computation Practice and Experience</i> , 2019, 31, e4963.	2.2	2
2	Best practices for management and operation of large HPC installations. <i>Concurrency Computation Practice and Experience</i> , 2019, 31, e5069.	2.2	4
3	HPCG and HPGMG benchmark tests on multiple program, multiple data (MPMD) mode on Blue Waters-A Cray XE6/XK7 hybrid system. <i>Concurrency Computation Practice and Experience</i> , 2018, 30, e4298.	2.2	6
4	Best Practices and Lessons from Deploying and Operating a Sustained-Petascale System: The Blue Waters Experience. , 2018, , .		3
5	Challenges of Workload Analysis on Large HPC Systems. , 2017, , .		2
6	Deployment and testing of the sustained petascale Blue Waters system. <i>Journal of Computational Science</i> , 2015, 10, 327-337.	2.9	6
7	Optimization of the Coupled Cluster Implementation in NWChem on Petascale Parallel Architectures. <i>Journal of Chemical Theory and Computation</i> , 2014, 10, 4307-4316.	5.3	31
8	Deploying a Large Petascale System: The Blue Waters Experience. <i>Procedia Computer Science</i> , 2014, 29, 198-209.	2.0	13
9	It takes a village: Monitoring the blue waters supercomputer. , 2014, , .		4
10	Optimizing matrix transposes using a POWER7 cache model and explicit prefetching. , 2011, , .		3
11	Large Scale Numerical Simulation via Parallelization and Reconfigurable Computing Hardware. , 2006, , 1.		1
12	Path-integral Monte Carlo simulation of helium at negative pressures. <i>Physical Review B</i> , 2000, 61, 9055-9060.	3.2	37
13	Superfluid vortex lines in a model of turbulent flow. <i>Physics of Fluids</i> , 1997, 9, 2631-2643.	4.0	101
14	A numerical investigation of vortex-coupled superfluidity. <i>European Physical Journal D</i> , 1996, 46, 29-30.	0.4	1
15	Vortex configurations in a freely rotating superfluid drop. <i>Journal of Low Temperature Physics</i> , 1995, 98, 47-65.	1.4	38
16	Momentum statistics of interacting rotons. <i>Physica B: Condensed Matter</i> , 1994, 194-196, 519-520.	2.7	0
17	The interaction of rotons in HeII. <i>Journal of Low Temperature Physics</i> , 1992, 89, 417-420.	1.4	2