

Brett M Bode

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,323
citations

1478505

6
h-index

1281871

11
g-index

21
all docs

21
docs citations

21
times ranked

1399
citing authors

#	ARTICLE	IF	CITATIONS
1	Best practices for management and operation of large HPC installations. <i>Concurrency Computation Practice and Experience</i> , 2019, 31, e5069.	2.2	4
2	Holistic Measurement-Driven System Assessment. , 2017, , .		2
3	Challenges of Workload Analysis on Large HPC Systems. , 2017, , .		2
4	Deployment and testing of the sustained petascale Blue Waters system. <i>Journal of Computational Science</i> , 2015, 10, 327-337.	2.9	6
5	GPU Acceleration of the Horizontal Diffusion Method in the Weather Research and Forecasting (WRF) Model. , 2015, , .		2
6	Automatic Parallelization of GPU Applications Using OpenCL. , 2015, , .		1
7	Deploying a Large Petascale System: The Blue Waters Experience. <i>Procedia Computer Science</i> , 2014, 29, 198-209.	2.0	13
8	Techniques for the parallelization of unstructured grid applications on multi-GPU systems. , 2012, , .		3
9	Unstructured grid applications on GPU. , 2011, , .		13
10	Uncontracted Rys Quadrature Implementation of up to G Functions on Graphical Processing Units. <i>Journal of Chemical Theory and Computation</i> , 2010, 6, 696-704.	5.3	95
11	Coarse grain computation-communication overlap for efficient application-level checkpointing for GPUs. , 2010, , .		3
12	Performance analysis of memory transfers and GEMM subroutines on NVIDIA Tesla GPU cluster. , 2009, , .		11
13	Performance of Electronic Structure Calculations on BG/L and XT4 Computers. <i>Journal of Computational and Theoretical Nanoscience</i> , 2009, 6, 1290-1296.	0.4	2
14	Module Prototype for Online Failure Prediction for the IBM Blue Gene/L. , 2008, , .		4
15	Storage challenge—Trading memory for disk. , 2006, , .		0
16	The Distributed Data Interface in GAMESS. <i>Computer Physics Communications</i> , 2000, 128, 190-200.	7.5	140
17	Fast computation of analytical second derivatives with effective core potentials: Application to Si8C12, Ge8C12, and Sn8C12. <i>Journal of Chemical Physics</i> , 1999, 111, 8778-8784.	3.0	16
18	Catalysis of the Hydrosilation and Bis-Silylation Reactions. <i>ACS Symposium Series</i> , 1999, , 128-137.	0.5	1

#	ARTICLE	IF	CITATIONS
19	The catalyzed hydrosilation reaction: substituent effects. <i>Theoretical Chemistry Accounts</i> , 1999, 102, 366-376.	1.4	6
20	Macmolplt: a graphical user interface for GAMESS. <i>Journal of Molecular Graphics and Modelling</i> , 1998, 16, 133-138.	2.4	981
21	The Catalyzed Hydrosilation Reaction. <i>Journal of the American Chemical Society</i> , 1998, 120, 1552-1555.	13.7	18