

Joseph P Kenny

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

269
citations

1307594

7
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

328
citing authors

#	ARTICLE	IF	CITATIONS
1	A Simulator for Large-Scale Parallel Computer Architectures. <i>International Journal of Distributed Systems and Technologies</i> , 2010, 1, 57-73.	0.7	86
2	C ₅ H ₄ : Pyramidane and Its Low-Lying Isomers. <i>Journal of Physical Chemistry A</i> , 2001, 105, 7745-7750.	2.5	41
3	Using simulation to design extremescale applications and architectures. <i>Performance Evaluation Review</i> , 2011, 38, 4-8.	0.6	32
4	Conformational Stability of 3-Fluoropropene: A Challenging Problem for Both Theory and Experiment. <i>Journal of Physical Chemistry A</i> , 2002, 106, 3625-3628.	2.5	28
5	Component-based integration of chemistry and optimization software. <i>Journal of Computational Chemistry</i> , 2004, 25, 1717-1725.	3.3	27
6	Components for integral evaluation in quantum chemistry. <i>Journal of Computational Chemistry</i> , 2008, 29, 562-577.	3.3	21
7	Validation and Uncertainty Assessment of Extreme-Scale HPC Simulation through Bayesian Inference. <i>Lecture Notes in Computer Science</i> , 2013, , 41-52.	1.3	10
8	Theoretical Study of Sc ²⁺ , Ti ²⁺ , V ²⁺ , Cr ²⁺ , and Mn ²⁺ Bound to H ₂ . <i>Journal of Physical Chemistry A</i> , 2002, 106, 9862-9867.	2.5	6
9	Component-based software for high-performance scientific computing. <i>Journal of Physics: Conference Series</i> , 2005, 16, 536-540.	0.4	6
10	Topology-Aware Performance Optimization and Modeling of Adaptive Mesh Refinement Codes for Exascale. , 2016, , .		5
11	Adaptive Application Composition in Quantum Chemistry. <i>Lecture Notes in Computer Science</i> , 2009, , 194-211.	1.3	5
12	A Component Approach to Collaborative Scientific Software Development: Tools and Techniques Utilized by the Quantum Chemistry Science Application Partnership. <i>Scientific Programming</i> , 2008, 16, 287-296.	0.7	2
13	Component-Based Integration of Chemistry and Optimization Software. <i>ChemInform</i> , 2005, 36, no.	0.0	0