

Colleen Bertoni

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

976
citations

1478505

6
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

1207
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent developments in the general atomic and molecular electronic structure system. Journal of Chemical Physics, 2020, 152, 154102.	3.0	734
2	Efficient and Accurate Fragmentation Methods. Accounts of Chemical Research, 2014, 47, 2786-2794.	15.6	81
3	Mechanisms Underlying Ion Transport in Lamellar Block Copolymer Membranes. ACS Macro Letters, 2012, 1, 513-518.	4.8	64
4	Perspective: <i>Ab initio</i> force field methods derived from quantum mechanics. Journal of Chemical Physics, 2018, 148, .	3.0	52
5	Analytic Gradients for the Effective Fragment Molecular Orbital Method. Journal of Chemical Theory and Computation, 2016, 12, 4743-4767.	5.3	21
6	Scaling the Hartree-Fock Matrix Build on Summit. , 2020, , .		10
7	Multipole Moments in the Effective Fragment Potential Method. Journal of Physical Chemistry A, 2017, 121, 2056-2067.	2.5	7
8	Outcomes of OpenMP Hackathon: OpenMP Application Experiences with the Offloading Model (Part II). Lecture Notes in Computer Science, 2021, , 81-95.	1.3	5
9	Evaluation of Performance Portability of Applications and Mini-Apps across AMD, Intel and NVIDIA GPUs. , 2021, , .		2