

George A Petersson

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,190
citations

623188

14
h-index

713013

21
g-index

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all docs

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docs citations

21
times ranked

1497
citing authors

#	ARTICLE	IF	CITATIONS
1	A Density Functional with Spherical Atom Dispersion Terms. <i>Journal of Chemical Theory and Computation</i> , 2012, 8, 4989-5007.	2.3	463
2	Unrestricted Coupled Cluster and Brueckner Doubles Variations of W1 Theory. <i>Journal of Chemical Theory and Computation</i> , 2009, 5, 2687-2693.	2.3	232
3	Uniformly convergent n-tuple- \hat{T} augmented polarized (nZaP) basis sets for complete basis set extrapolations. I. Self-consistent field energies. <i>Journal of Chemical Physics</i> , 2008, 129, 184116.	1.2	118
4	CCSD(T)/CBS atomic and molecular benchmarks for H through Ar. <i>Journal of Chemical Physics</i> , 2013, 138, 144104.	1.2	62
5	On the optimization of Gaussian basis sets. <i>Journal of Chemical Physics</i> , 2003, 118, 1101-1109.	1.2	61
6	A Journey from Generalized Valence Bond Theory to the Full CI Complete Basis Set Limit. <i>Journal of Physical Chemistry A</i> , 2000, 104, 2183-2190.	1.1	37
7	Perspective on "The activated complex in chemical reactions". <i>Theoretical Chemistry Accounts</i> , 2000, 103, 190-195.	0.5	29
8	Complete Basis-Set Thermochemistry and Kinetics. <i>ACS Symposium Series</i> , 1998, , 237-266.	0.5	22
9	Intramolecular Nonbonded Attractive Interactions: 1-Substituted Propenes. <i>Journal of Chemical Theory and Computation</i> , 2009, 5, 1033-1037.	2.3	21
10	The convergence of complete active space self-consistent-field energies to the complete basis set limit. <i>Journal of Chemical Physics</i> , 2005, 123, 074111.	1.2	19
11	MP2/CBS atomic and molecular benchmarks for H through Ar. <i>Journal of Chemical Physics</i> , 2010, 132, 114111.	1.2	19
12	Core-core and core-valence correlation energy atomic and molecular benchmarks for Li through Ar. <i>Journal of Chemical Physics</i> , 2015, 143, 214110.	1.2	19
13	Iminimycin A, the new iminium metabolite produced by <i>Streptomyces griseus</i> OS-3601. <i>Journal of Antibiotics</i> , 2016, 69, 611-615.	1.0	17
14	An overlap criterion for selection of core orbitals. <i>Theoretical Chemistry Accounts</i> , 2002, 107, 180-186.	0.5	16
15	Improving the fluorescent probe acridonylalanine through a combination of theory and experiment. <i>Journal of Physical Organic Chemistry</i> , 2018, 31, e3813.	0.9	15
16	\hat{T}^3 -Ionylidene-type sesquiterpenoids possessing antimicrobial activity against <i>Porphyromonas gingivalis</i> from <i>Phellinus linteus</i> and their absolute structure determination. <i>Journal of Antibiotics</i> , 2017, 70, 695-698.	1.0	13
17	A density functional for core-valence correlation energy. <i>Journal of Chemical Physics</i> , 2015, 143, 214111.	1.2	9
18	UV Photolysis of Pyrazine and the Production of Hydrogen Isocyanide. <i>Journal of Physical Chemistry A</i> , 2018, 122, 9001-9013.	1.1	6

#	ARTICLE	IF	CITATIONS
19	A Bond-Energy/Bond-Order and Populations Relationship. Journal of Chemical Theory and Computation, 2022, 18, 4774-4794.	2.3	5
20	Three-Body Dispersion Corrections to the Spherical Atom Model: The PFD-3B Density Functional. Journal of Physical Chemistry A, 2020, 124, 10296-10311.	1.1	4
21	The convergence of complete active space self-consistent-field configuration interaction including all single and double excitation energies to the complete basis set limit. Journal of Chemical Physics, 2006, 125, 044107.	1.2	3