

Stefan Prager

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

746
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

787
citing authors

#	ARTICLE	IF	CITATIONS
1	Software for the frontiers of quantum chemistry: An overview of developments in the Q-Chem 5 package. <i>Journal of Chemical Physics</i> , 2021, 155, 084801.	3.0	518
2	Gold(I) Complexes of Tetrathiaheterohelicene Phosphanes. <i>Inorganic Chemistry</i> , 2013, 52, 7995-8004.	4.0	63
3	Ultrafast C ₂ Spiro ⁺ O Dissociation via a Conical Intersection Drives Spiropyran to Merocyanine Photoswitching. <i>Journal of Physical Chemistry A</i> , 2014, 118, 1339-1349.	2.5	47
4	First time combination of frozen density embedding theory with the algebraic diagrammatic construction scheme for the polarization propagator of second order. <i>Journal of Chemical Physics</i> , 2016, 144, 204103.	3.0	30
5	Implementation and Application of the Frozen Density Embedding Theory with the Algebraic Diagrammatic Construction Scheme for the Polarization Propagator up to Third Order. <i>Journal of Chemical Theory and Computation</i> , 2017, 13, 4711-4725.	5.3	21
6	Chiral Thiahelicene-Based Alkyl Phosphine ⁺ Borane Complexes: Synthesis, X-ray Characterization, and Theoretical and Experimental Investigations of Optical Properties. <i>Journal of Organic Chemistry</i> , 2015, 80, 3921-3928.	3.2	18
7	Tetrathia[7]helicene Phosphorus Derivatives: Experimental and Theoretical Investigations of Electronic Properties, and Preliminary Applications as Organocatalysts. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 537-549.	2.7	18
8	Benchmark of Excitation Energy Shifts from Frozen-Density Embedding Theory: Introduction of a Density-Overlap-Based Applicability Threshold. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 4028-4040.	5.3	16
9	An unconventional helical push-pull system for solar cells. <i>Dyes and Pigments</i> , 2019, 161, 382-388.	3.7	12
10	Helical push-pull systems for solar cells: Electrochemical, computational, photovoltaic and NMR data. <i>Data in Brief</i> , 2018, 21, 2339-2349.	1.0	3