

Jiahao Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4482183/publications.pdf>

Version: 2024-02-01

14
papers

688
citations

1163117

8
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

925
citing authors

#	ARTICLE	IF	CITATIONS
1	QTPIE: Charge transfer with polarization current equalization. A fluctuating charge model with correct asymptotics. <i>Chemical Physics Letters</i> , 2007, 438, 315-320.	2.6	165
2	Systematic Parametrization of Polarizable Force Fields from Quantum Chemistry Data. <i>Journal of Chemical Theory and Computation</i> , 2013, 9, 452-460.	5.3	164
3	Investigating the Dearomative Rearrangement of Biaryl Phosphine-Ligated Pd(II) Complexes. <i>Journal of the American Chemical Society</i> , 2012, 134, 19922-19934.	13.7	80
4	Fairness Under Unawareness. , 2019, , .		79
5	Nonlinear dimensionality reduction for nonadiabatic dynamics: The influence of conical intersection topography on population transfer rates. <i>Journal of Chemical Physics</i> , 2012, 137, 22A519.	3.0	53
6	A unified theoretical framework for fluctuating-charge models in atom-space and in bond-space. <i>Journal of Chemical Physics</i> , 2008, 129, 214113.	3.0	44
7	A Chemically Competent Thiosulfuranyl Radical on the <i>Escherichia coli</i> Class III Ribonucleotide Reductase. <i>Journal of the American Chemical Society</i> , 2014, 136, 9001-9013.	13.7	30
8	Charge conservation in electronegativity equalization and its implications for the electrostatic properties of fluctuating-charge models. <i>Journal of Chemical Physics</i> , 2009, 131, 044114.	3.0	27
9	A pathway to diphosphorus from the dissociation of photoexcited tetraphosphorus. <i>RSC Advances</i> , 2013, 3, 23166.	3.6	14
10	Array Operators Using Multiple Dispatch. , 2014, , .		9
11	Error Analysis of Free Probability Approximations to the Density of States of Disordered Systems. <i>Physical Review Letters</i> , 2012, 109, 036403.	7.8	8
12	The Dissociation Catastrophe in Fluctuating-Charge Models and its Implications for the Concept of Atomic Electronegativity. <i>Progress in Theoretical Chemistry and Physics</i> , 2009, , 397-415.	0.2	5
13	Densities of states for disordered systems from free probability. <i>Physical Review B</i> , 2013, 88, .	3.2	4
14	CryptoCredit. , 2020, , .		0