

Ming Chen

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

762
citations

566801

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h-index

676716

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23
all docs

23
docs citations

23
times ranked

756
citing authors

#	ARTICLE	IF	CITATIONS
1	Stochastic density functional theory: Real- and energy-space fragmentation for noise reduction. <i>Journal of Chemical Physics</i> , 2021, 154, 204108.	1.2	8
2	Experimental calibration of the reduced partition function ratios of tetrahedrally coordinated silicon from the Debye-Waller factors. <i>Contributions To Mineralogy and Petrology</i> , 2021, 176, 1.	1.2	3
3	Collective variable-based enhanced sampling and machine learning. <i>European Physical Journal B</i> , 2021, 94, 211.	0.6	33
4	Dopant levels in large nanocrystals using stochastic optimally tuned range-separated hybrid density functional theory. <i>Physical Review B</i> , 2020, 102, .	1.1	5
5	Energy window stochastic density functional theory. <i>Journal of Chemical Physics</i> , 2019, 151, 114116.	1.2	12
6	Stochastic embedding DFT: Theory and application to <i>p</i> -nitroaniline in water. <i>Journal of Chemical Physics</i> , 2019, 151, 174115.	1.2	12
7	Overlapped embedded fragment stochastic density functional theory for covalently-bonded materials. <i>Journal of Chemical Physics</i> , 2019, 150, 034106.	1.2	25
8	ShieldNets: Defending Against Adversarial Attacks Using Probabilistic Adversarial Robustness. , 2019, , .		22
9	Unfolding Hidden Barriers by Active Enhanced Sampling. <i>Physical Review Letters</i> , 2018, 121, 010601.	2.9	31
10	Palladium-Catalyzed, Enantioselective β -Arylation of β -Fluorooxindoles. <i>Organic Letters</i> , 2017, 19, 1390-1393.	2.4	65
11	Iridium-Catalyzed Regio- and Enantioselective Allylic Substitution of Trisubstituted Allylic Electrophiles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11651-11655.	7.2	31
12	Iridium-Catalyzed Regio- and Enantioselective Allylic Substitution of Trisubstituted Allylic Electrophiles. <i>Angewandte Chemie</i> , 2016, 128, 11823-11827.	1.6	11
13	Resorcinol Crystallization from the Melt: A New Ambient Phase and New "Riddles". <i>Journal of the American Chemical Society</i> , 2016, 138, 4881-4889.	6.6	74
14	Locating landmarks on high-dimensional free energy surfaces. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3235-3240.	3.3	49
15	Iridium-Catalyzed Enantioselective Allylic Substitution of Enol Silanes from Vinylogous Esters and Amides. <i>Journal of the American Chemical Society</i> , 2015, 137, 13972-13979.	6.6	69
16	Sampling saddle points on a free energy surface. <i>Journal of Chemical Physics</i> , 2014, 140, 164109.	1.2	18
17	Iridium-Catalyzed Regio- and Enantioselective Allylic Substitution of Silyl Dienolates Derived from Dioxinones. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12172-12176.	7.2	61
18	Order-parameter-aided temperature-accelerated sampling for the exploration of crystal polymorphism and solid-liquid phase transitions. <i>Journal of Chemical Physics</i> , 2014, 140, 214109.	1.2	47

#	ARTICLE	IF	CITATIONS
19	Iridium-catalyzed Enantioselective Allylic Substitution of Unstabilized Enolates Derived from α,β -Unsaturated Ketones. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8691-8695.	7.2	63
20	Heating and flooding: A unified approach for rapid generation of free energy surfaces. <i>Journal of Chemical Physics</i> , 2012, 137, 024102.	1.2	66