

Andrew Huy Nguyen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3957802/publications.pdf>

Version: 2024-02-01

12
papers

754
citations

759233

12
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

808
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of stacking disorder in ice nucleation. <i>Nature</i> , 2017, 551, 218-222.	27.8	186
2	Identification of Clathrate Hydrates, Hexagonal Ice, Cubic Ice, and Liquid Water in Simulations: the CHILL+ Algorithm. <i>Journal of Physical Chemistry B</i> , 2015, 119, 9369-9376.	2.6	181
3	Structure of the Clathrate/Solution Interface and Mechanism of Cross-Nucleation of Clathrate Hydrates. <i>Journal of Physical Chemistry C</i> , 2012, 116, 19828-19838.	3.1	72
4	Structure of the Ice-Clathrate Interface. <i>Journal of Physical Chemistry C</i> , 2015, 119, 4104-4117.	3.1	65
5	Cross-nucleation between clathrate hydrate polymorphs: Assessing the role of stability, growth rate, and structure matching. <i>Journal of Chemical Physics</i> , 2014, 140, 084506.	3.0	45
6	Triplet Correlations Dominate the Transition from Simple to Tetrahedral Liquids. <i>Physical Review Letters</i> , 2014, 112, 147801.	7.8	40
7	Can Guest Occupancy in Binary Clathrate Hydrates Be Tuned through Control of the Growth Temperature?. <i>Journal of Physical Chemistry C</i> , 2014, 118, 23022-23031.	3.1	34
8	Excess entropy and crystallization in Stillinger-Weber and Lennard-Jones fluids. <i>Journal of Chemical Physics</i> , 2015, 143, 164512.	3.0	34
9	Robustness of the cluster expansion: Assessing the roles of relaxation and numerical error. <i>Physical Review B</i> , 2017, 96, .	3.2	29
10	Stability and Metastability of Bromine Clathrate Polymorphs. <i>Journal of Physical Chemistry B</i> , 2013, 117, 6330-6338.	2.6	23
11	Could Mesophases Play a Role in the Nucleation and Polymorph Selection of Zeolites?. <i>Journal of the American Chemical Society</i> , 2018, 140, 16071-16086.	13.7	23
12	Machine-Learning Informed Representations for Grain Boundary Structures. <i>Frontiers in Materials</i> , 2019, 6, .	2.4	22