

# Andrew Huy Nguyen

## List of Publications by Year in descending order

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12  
papers

754  
citations

858243

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h-index

1336881

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12  
all docs

12  
docs citations

12  
times ranked

920  
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine-Learning Informed Representations for Grain Boundary Structures. <i>Frontiers in Materials</i> , 2019, 6, .	1.2	22
2	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.	6.6	23
3	Role of stacking disorder in ice nucleation. <i>Nature</i> , 2017, 551, 218-222.	13.7	186
4	Robustness of the cluster expansion: Assessing the roles of relaxation and numerical error. <i>Physical Review B</i> , 2017, 96, .	1.1	29
5	Excess entropy and crystallization in Stillinger-Weber and Lennard-Jones fluids. <i>Journal of Chemical Physics</i> , 2015, 143, 164512.	1.2	34
6	Structure of the Ice-Clathrate Interface. <i>Journal of Physical Chemistry C</i> , 2015, 119, 4104-4117.	1.5	65
7	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.	1.2	181
8	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.	1.2	45
9	Triplet Correlations Dominate the Transition from Simple to Tetrahedral Liquids. <i>Physical Review Letters</i> , 2014, 112, 147801.	2.9	40
10	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.	1.5	34
11	Stability and Metastability of Bromine Clathrate Polymorphs. <i>Journal of Physical Chemistry B</i> , 2013, 117, 6330-6338.	1.2	23
12	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.	1.5	72