Li, Chu

List of Publications by Year
in descending order

11	165	1040056 9	1281871 11
papers	citations	h-index	g-index

11	11	11	136
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhancing and Impeding Heterogeneous Ice Nucleation through Nanogrooves. Journal of Physical Chemistry C, 2018, 122, 25992-25998.	3.1	27
2	Elucidation of the key role of PtÂ·Â·Â·Pt interactions in the directional self-assembly of platinum(II) complexes. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2116543119.	7.1	26
3	Roles of Surface Energy and Temperature in Heterogeneous Ice Nucleation. Journal of Physical Chemistry C, 2017, 121, 11552-11559.	3.1	23
4	Temperature-dependent kinetic pathways of heterogeneous ice nucleation competing between classical and non-classical nucleation. Nature Communications, 2021, 12, 4954.	12.8	19
5	A Relation for Nanodroplet Diffusion on Smooth Surfaces. Scientific Reports, 2016, 6, 26488.	3.3	15
6	Surface Energy-Mediated Multistep Pathways for Heterogeneous Ice Nucleation. Journal of Physical Chemistry C, 2018, 122, 9474-9479.	3.1	14
7	Molecular understanding of ion rejection in the freezing of aqueous solutions. Physical Chemistry Chemical Physics, 2021, 23, 13292-13299.	2.8	13
8	Passive nanofluidic diode using non-uniform nanochannels. Physics of Fluids, 2016, 28, .	4.0	12
9	Ice Crystallization in Shear Flows. Journal of Physical Chemistry C, 2019, 123, 21042-21049.	3.1	9
10	Role of Surface Templating on Ice Nucleation Efficiency on a Silver Iodide Surface. Journal of Physical Chemistry C, 2021, 125, 18857-18865.	3.1	4
11	Molecular diffusion on surfaces in the weak friction limit. Journal of Applied Physics, 2014, 115, 214906.	2.5	3