James M Campbell

List of Publications by Year
in descending order

12	504	840776 11	1199594 12
papers	citations	h-index	g-index

12	12	12	892
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dynamics of Dendritic Ice Freezing in Confinement. Crystal Growth and Design, 2022, 22, 2433-2440.	3.0	3
2	Active sites for ice nucleation differ depending on nucleation mode. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	22
3	Dynamic Measurement of Low Contact Angles by Optical Microscopy. ACS Applied Materials & Interfaces, 2018, 10, 16893-16900.	8.0	12
4	Nucleation- and Emergence-Limited Growth of Ice from Pores. Physical Review Letters, 2018, 120, 165701.	7.8	43
5	Ice Layer Spreading along a Solid Substrate during Solidification of Supercooled Water: Experiments and Modeling. Langmuir, 2017, 33, 4870-4877.	3.5	34
6	Observing the formation of ice and organic crystals in active sites. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 810-815.	7.1	66
7	Gas-Driven Fracturing of Saturated Granular Media. Physical Review Applied, 2017, 8, .	3.8	17
8	Three-dimensional imaging of dislocation propagation during crystal growth and dissolution. Nature Materials, 2015, 14, 780-784.	27.5	143
9	Is Ice Nucleation from Supercooled Water Insensitive to Surface Roughness?. Journal of Physical Chemistry C, 2015, 119, 1164-1169.	3.1	85
10	Crystal Patterns Created by Rupture of a Thin Film. Crystal Growth and Design, 2013, 13, 5062-5067.	3.0	14
11	Characterization of Preferred Crystal Nucleation Sites on Mica Surfaces. Crystal Growth and Design, 2013, 13, 1915-1925.	3.0	16
12	Topographical Control of Crystal Nucleation. Crystal Growth and Design, 2012, 12, 750-755.	3.0	49