

S Farzad Ahmadi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1735515/publications.pdf>

Version: 2024-02-01

15
papers

552
citations

840776

11
h-index

996975

15
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19
all docs

19
docs citations

19
times ranked

554
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning Superhydrophobic Nanostructures To Enhance Jumping-Droplet Condensation. ACS Nano, 2017, 11, 8499-8510.	14.6	185
2	A Review of Condensation Frosting. Nanoscale and Microscale Thermophysical Engineering, 2017, 21, 81-101.	2.6	137
3	Passive Antifrosting Surfaces Using Microscopic Ice Patterns. ACS Applied Materials & Interfaces, 2018, 10, 32874-32884.	8.0	61
4	“Sneezing” plants: pathogen transport via jumping-droplet condensation. Journal of the Royal Society Interface, 2019, 16, 20190243.	3.4	25
5	How ice bridges the gap. Soft Matter, 2020, 16, 1156-1161.	2.7	23
6	Passive anti-frosting cables. International Journal of Heat and Mass Transfer, 2020, 146, 118808.	4.8	23
7	How soap bubbles freeze. Nature Communications, 2019, 10, 2531.	12.8	20
8	Development of a Translational Model to Assess the Impact of Opioid Overdose and Naloxone Dosing on Respiratory Depression and Cardiac Arrest. Clinical Pharmacology and Therapeutics, 2022, 112, 1020-1032.	4.7	15
9	Electrostatic Jumping of Frost. ACS Nano, 2021, 15, 4669-4677.	14.6	13
10	Using Frost to Promote Cassie Ice on Hydrophilic Pillars. Physical Review Letters, 2021, 127, 044501.	7.8	11
11	Ice wicking. Physical Review Fluids, 2019, 4, .	2.5	11
12	Spatial control of condensation and desublimation using ice nucleating proteins. Applied Physics Letters, 2018, 113, .	3.3	8
13	How Multilayered Feathers Enhance Underwater Superhydrophobicity. ACS Applied Materials & Interfaces, 2021, 13, 27567-27574.	8.0	7
14	Suppressing Condensation Frosting Using an Out-of-Plane Dry Zone. Langmuir, 2020, 36, 15603-15609.	3.5	7
15	Latent heat of traffic moving from rest. New Journal of Physics, 2017, 19, 113034.	2.9	1