

Feng Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10218776/publications.pdf>

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10
papers

514
citations

1307366

7
h-index

1474057

9
g-index

10
all docs

10
docs citations

10
times ranked

439
citing authors

#	ARTICLE	IF	CITATIONS
1	Atmosphere-Mediated Superhydrophobicity of Rationally Designed Micro/Nanostructured Surfaces. ACS Nano, 2019, 13, 4160-4173.	7.3	190
2	Droplet Jumping: Effects of Droplet Size, Surface Structure, Pinning, and Liquid Properties. ACS Nano, 2019, 13, 1309-1323.	7.3	97
3	Hierarchical Condensation. ACS Nano, 2019, 13, 8169-8184.	7.3	83
4	Laplace Pressure Driven Single-Droplet Jumping on Structured Surfaces. ACS Nano, 2020, 14, 12796-12809.	7.3	73
5	Atmosphere-Mediated Scalable and Durable Biphilicity on Rationally Designed Structured Surfaces. Advanced Materials Interfaces, 2020, 7, 2000475.	1.9	29
6	Analysis of Residual Stress in Electrical Penetration Assembly Based on a Fiber Bragg Grating Sensor. Sensors, 2019, 19, 18.	2.1	18
7	Microscale Confinement and Wetting Contrast Enable Enhanced and Tunable Condensation. ACS Nano, 2022, 16, 9510-9522.	7.3	14
8	Exploring the limits of condensation heat transfer: A numerical study of microscale-confined condensation between parallel surfaces having wetting contrast. International Journal of Heat and Mass Transfer, 2022, 193, 122758.	2.5	7
9	“Swimming Jellyfish”: Visualizing Jet-Like Internal Flow in Coalescing Droplets. Journal of Heat Transfer, 2019, 141, .	1.2	3
10	ICONE23-1217 EXPERIMENT OF DROPLET IMPACT ON WETTED SURFACE. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2015, 2015.23, _ICONE23-1-_ICONE23-1.	0.0	0