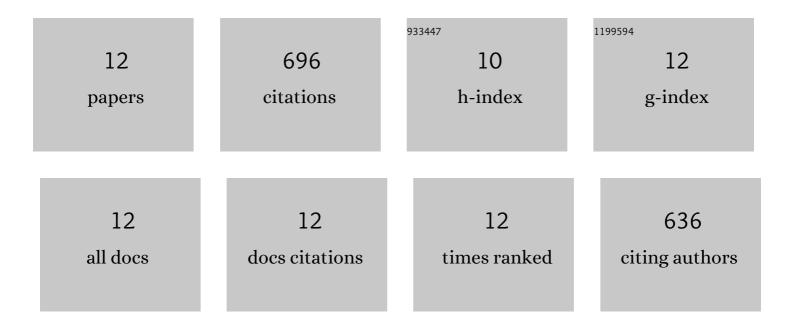
## Shreyas Chavan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1119592/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Biphilic jumping-droplet condensation. Cell Reports Physical Science, 2022, 3, 100823.	5.6	8
2	Dropwise condensation on solid hydrophilic surfaces. Science Advances, 2020, 6, eaax0746.	10.3	143
3	Enhanced Condensation on Liquid-Infused Nanoporous Surfaces by Vibration-Assisted Droplet Sweeping. ACS Nano, 2020, 14, 13367-13379.	14.6	41
4	Dynamic Defrosting on Superhydrophobic and Biphilic Surfaces. Matter, 2020, 3, 1178-1195.	10.0	41
5	Pulse interfacial defrosting. Applied Physics Letters, 2019, 115, .	3.3	17
6	Numerical Simulation of Jumping Droplet Condensation. Langmuir, 2019, 35, 10309-10321.	3.5	31
7	Hierarchical Condensation. ACS Nano, 2019, 13, 8169-8184.	14.6	83
8	Cicada-inspired self-cleaning superhydrophobic surfaces. Journal of Heat Transfer, 2019, 141, .	2.1	7
9	Effect of Latent Heat Released by Freezing Droplets during Frost Wave Propagation. Langmuir, 2018, 34, 6636-6644.	3.5	48
10	Bulk water freezing dynamics on superhydrophobic surfaces. Applied Physics Letters, 2017, 110, .	3.3	24
11	Heat Transfer through a Condensate Droplet on Hydrophobic and Nanostructured Superhydrophobic Surfaces. Langmuir, 2016, 32, 7774-7787.	3.5	127
12	Enhanced Jumping-Droplet Departure. Langmuir, 2015, 31, 13452-13466.	3.5	126