

Omkar Hegde

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Multiscale vapor-mediated dendritic pattern formation and bacterial aggregation in complex respiratory biofluid droplets. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 2011-2023.	5.0	8
2	Malleable Patterns from the Evaporation of a Colloidal Liquid Bridge: Coffee Ring to the Scallop Shell. <i>Langmuir</i> , 2022, 38, 5590-5602.	1.6	4
3	Spatio-temporal modulation of self-assembled central aggregates of buoyant colloids in sessile droplets using vapor mediated interactions. <i>Journal of Colloid and Interface Science</i> , 2021, 598, 136-146.	5.0	4
4	Universal spatio-topological control of crystallization in sessile droplets using non-intrusive vapor mediation. <i>Physics of Fluids</i> , 2021, 33, 012101.	1.6	8
5	Enhancement of mixing in a viscous, non-volatile droplet using a contact-free vapor-mediated interaction. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 14570-14578.	1.3	5
6	Controlling self-assembly and buckling in nano fluid droplets through vapour mediated interaction of adjacent droplets. <i>Journal of Colloid and Interface Science</i> , 2019, 541, 348-355.	5.0	9
7	Vapor mediated control of microscale flow in sessile droplets. <i>Physics of Fluids</i> , 2018, 30, 122103.	1.6	24