

Vapour-mediated sensing and motility in two-component

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Tunable transport of drops on a vibrating inclined fiber. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	15
3	Chiral Nematic Structure of Cellulose Nanocrystal Suspensions and Films; Polarized Light and Atomic Force Microscopy. <i>Materials</i> , 2015, 8, 7873-7888.	1.3	91
4	Recent Advances in Controlling the Depositing Morphologies of Inkjet Droplets. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 28086-28099.	4.0	210
5	Sliding droplets of Xanthan solutions: A joint experimental and numerical study. <i>European Physical Journal E</i> , 2015, 38, 126.	0.7	16
6	Deposition pattern of interacting droplets. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 482, 562-567.	2.3	45
7	Research highlights: surface-based microfluidic control. <i>Lab on A Chip</i> , 2015, 15, 3107-3110.	3.1	1
8	Multi-scale patterns formed by sodium sulphate in a drying droplet of gelatin. <i>Applied Surface Science</i> , 2015, 357, 1000-1006.	3.1	12
9	Directed Autonomic Flow: Functional Motility Fluidics. <i>Advanced Materials</i> , 2015, 27, 7401-7406.	11.1	15
10	Mechanics of tissue compaction. <i>Seminars in Cell and Developmental Biology</i> , 2015, 47-48, 110-117.	2.3	39
11	Full wetting of plasmonic nanopores through two-component droplets. <i>Chemical Science</i> , 2015, 6, 6564-6571.	3.7	11
12	Periodic Precipitation Patterns during Coalescence of Reacting Sessile Droplets. <i>Langmuir</i> , 2015, 31, 11484-11490.	1.6	16
13	Fabrication of Bendable Circuits on a Polydimethylsiloxane (PDMS) Surface by Inkjet Printing Semi-Wrapped Structures. <i>Materials</i> , 2016, 9, 253.	1.3	32
14	Interfacial electrofluidics in confined systems. <i>Scientific Reports</i> , 2016, 6, 26593.	1.6	27
15	Droplet Merging on a Lab-on-a-Chip Platform by Uniform Magnetic Fields. <i>Scientific Reports</i> , 2016, 6, 37671.	1.6	73
16	Oscillatory motion of a camphor grain in a one-dimensional finite region. <i>Physical Review E</i> , 2016, 94, 042215.	0.8	28
17	Breathing to harvest energy as a mechanism towards making a liquid metal beating heart. <i>RSC Advances</i> , 2016, 6, 94692-94698.	1.7	37
18	Ultrasonic spray coating polymer and small molecular organic film for organic light-emitting devices. <i>Scientific Reports</i> , 2016, 6, 37042.	1.6	30
19	Novel polymeric coatings with tailored hydrophobicity to control spot size and morphology in DNA microarray. <i>Sensors and Actuators B: Chemical</i> , 2016, 231, 412-422.	4.0	12

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20	Influence of an adjacent droplet on fluid convection inside an evaporating droplet of binary mixture. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 500, 154-165.	2.3	39
21	Mechanisms and Consequences of Macromolecular Phase Separation. <i>Cell</i> , 2016, 165, 1067-1079.	13.5	272
22	Rising beyond elastocapillarity. <i>Soft Matter</i> , 2016, 12, 4886-4890.	1.2	18
23	Ultra-low voltage electrowetting using graphite surfaces. <i>Soft Matter</i> , 2016, 12, 8798-8804.	1.2	55
24	Magnetic Droplet Merging by Hybrid Magnetic Fields. <i>IEEE Magnetics Letters</i> , 2016, 7, 1-5.	0.6	19
25	Uni-Directional Transportation on Peristome-Mimetic Surfaces for Completely Wetting Liquids. <i>Angewandte Chemie</i> , 2016, 128, 15212-15216.	1.6	5
26	Insights into Vapor-Mediated Interactions in a Nanocolloidal Droplet System: Evaporation Dynamics and Affects on Self-Assembly Topologies on Macro- to Microscales. <i>Langmuir</i> , 2016, 32, 10334-10343.	1.6	27
27	Controlling the Localization of Liquid Droplets in Polymer Matrices by Evaporative Lithography. <i>Angewandte Chemie</i> , 2016, 128, 10839-10843.	1.6	5
28	Light-Driven Transport of a Liquid Marble with and against Surface Flows. <i>Angewandte Chemie</i> , 2016, 128, 11349-11353.	1.6	21
29	Curvature-driven bubbles or droplets on the spiral surface. <i>Scientific Reports</i> , 2016, 6, 37888.	1.6	24
30	Uni-Directional Transportation on Peristome-Mimetic Surfaces for Completely Wetting Liquids. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14988-14992.	7.2	134
31	Controlling the Localization of Liquid Droplets in Polymer Matrices by Evaporative Lithography. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10681-10685.	7.2	33
32	Binary-fluid turbulence: Signatures of multifractal droplet dynamics and dissipation reduction. <i>Physical Review E</i> , 2016, 93, 063115.	0.8	12
33	Light-Driven Transport of a Liquid Marble with and against Surface Flows. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11183-11187.	7.2	132
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39	Directional transport of high-temperature Janus droplets mediated by structural topography. <i>Nature Physics</i> , 2016, 12, 606-612.	6.5	263
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41	Sprayable superhydrophobic nano-chains coating with continuous self-jumping of dew and melting frost. <i>Scientific Reports</i> , 2017, 7, 40300.	1.6	44
42	Marangoni Bursting: Evaporation-Induced Emulsification of Binary Mixtures on a Liquid Layer. <i>Physical Review Letters</i> , 2017, 118, 074504.	2.9	97
43	Detailed finite element method modeling of evaporating multi-component droplets. <i>Journal of Computational Physics</i> , 2017, 340, 670-687.	1.9	58
44	Marangoni Contraction of Evaporating Sessile Droplets of Binary Mixtures. <i>Langmuir</i> , 2017, 33, 4682-4687.	1.6	87
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66	Bioinspired Hand-Operated Smart-Wetting Systems Using Smooth Liquid Coatings. <i>Langmuir</i> , 2017, 33, 14445-14450.	1.6	5
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