

Emerging Droplet Microfluidics

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Controlled droplet discretization and manipulation using membrane displacement traps. Lab on A Chip, 2017, 17, 3717-3724.	3.1	20
2	Antibacterial Structural Color Hydrogels. ACS Applied Materials & Interfaces, 2017, 9, 38901-38907.	4.0	34
3	Control of Magnetofluidic Laser Scattering of Aqueous Magnetic Fluids. IEEE Magnetics Letters, 2017, 8, 1-5.	0.6	5
4	Polymer capsules as micro-/nanoreactors for therapeutic applications: Current strategies to control membrane permeability. Progress in Materials Science, 2017, 90, 325-357.	16.0	91
5	Multichannel Dynamic Interfacial Printing: An Alternative Multicomponent Droplet Generation Technique for Lab in a Drop. ACS Applied Materials & Interfaces, 2017, 9, 43545-43552.	4.0	25
6	Surface Wrinkling and Porosity of Polymer Particles toward Biological and Biomedical Applications. Advanced Materials Interfaces, 2017, 4, 1700929.	1.9	20
7	Raman-Activated Droplet Sorting (RADS) for Label-Free High-Throughput Screening of Microalgal Single-Cells. Analytical Chemistry, 2017, 89, 12569-12577.	3.2	113
8	Ionic Liquid Droplet Microreactor for Catalysis Reactions Not at Equilibrium. Journal of the American Chemical Society, 2017, 139, 17387-17396.	6.6	130
9	Ultrasensitive and Stable Au Dimer-Based Colorimetric Sensors Using the Dynamically Tunable Gap-Dependent Plasmonic Coupling Optical Properties. Advanced Functional Materials, 2018, 28, 1707392.	7.8	48
10	Fluorescent analysis of bioactive molecules in single cells based on microfluidic chips. Lab on A Chip, 2018, 18, 1151-1173.	3.1	58
11	Responsive graphene oxide hydrogel microcarriers for controllable cell capture and release. Science China Materials, 2018, 61, 1314-1324.	3.5	53
12	Droplet Behavior in Open Biphasic Microfluidics. Langmuir, 2018, 34, 5358-5366.	1.6	18
13	Liquid gating elastomeric porous system with dynamically controllable gas/liquid transport. Science Advances, 2018, 4, eaao6724.	4.7	96
14	Magnetic Nanorobots, Generating Vortexes Inside Nanoliter Droplets for Effective Mixing. Advanced Materials Technologies, 2018, 3, 1700312.	3.0	32
15	Microfabricated Probes for Studying Brain Chemistry: A Review. ChemPhysChem, 2018, 19, 1128-1142.	1.0	36
16	Rapid Patterning of PDMS Microfluidic Device Wettability Using Syringe-Vacuum-Induced Segmented Flow in Nonplanar Geometry. ACS Applied Materials & Interfaces, 2018, 10, 3170-3174.	4.0	45
17	Double-Emulsion-Templated Anisotropic Microcapsules for pH-Triggered Release. Advanced Materials Interfaces, 2018, 5, 1701472.	1.9	25
18	Ultrasensitive Single-Molecule Enzyme Detection and Analysis Using a Polymer Microarray. Analytical Chemistry, 2018, 90, 3091-3098.	3.2	18

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19	Universal, Surfactant-Free Preparation of Hydrogel Beads on Superamphiphobic and Slippery Surfaces. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701536.	1.9	12
20	Emerging Biotechnology Applications of Aqueous Two-Phase Systems. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701036.	3.9	84
21	Superwetttable Electrochemical Biosensor toward Detection of Cancer Biomarkers. <i>ACS Sensors</i> , 2018, 3, 72-78.	4.0	84
22	Multiscale and Multifunctional Emulsions by Host-Guest Interaction-Mediated Self-Assembly. <i>ACS Central Science</i> , 2018, 4, 600-605.	5.3	25
23	Egg Component-Composited Inverse Opal Particles for Synergistic Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 17058-17064.	4.0	22
24	Bioinspired living structural color hydrogels. <i>Science Robotics</i> , 2018, 3, .	9.9	444
25	Recent progress in ICF target fabrication at RCLF. <i>Matter and Radiation at Extremes</i> , 2018, 3, 135-144.	1.5	28
26	Formation of Multicomponent Surface Nanodroplets by Solvent Exchange. <i>Journal of Physical Chemistry C</i> , 2018, 122, 8647-8654.	1.5	35
27	On-chip microfluidic production of cell-sized liposomes. <i>Nature Protocols</i> , 2018, 13, 856-874.	5.5	111
28	Investigation of the Effect of Geometric Parameters on EWOD Actuation in Rectangular Microchannels. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2018, 140, .	0.8	3
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32	Controllable synthesis of nanocrystals in droplet reactors. <i>Lab on A Chip</i> , 2018, 18, 41-56.	3.1	97
33	Renewable superwetttable biochip for miRNA detection. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 715-721.	4.0	42
34	Microfluidic Generation of Particle-Stabilized Water-in-Water Emulsions. <i>Langmuir</i> , 2018, 34, 213-218.	1.6	17
35	Bio-Inspired Anisotropic Wettability Surfaces from Dynamic Ferrofluid Assembled Templates. <i>Advanced Functional Materials</i> , 2018, 28, 1705802.	7.8	76
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40	Simulation before fabrication: a case study on the utilization of simulators for the design of droplet microfluidic networks. <i>RSC Advances</i> , 2018, 8, 34733-34742.	1.7	29
41	Flexible Superwetable Tapes for On-Site Detection of Heavy Metals. <i>Analytical Chemistry</i> , 2018, 90, 14105-14110.	3.2	59
42	Microfluidic generation of self-contained multicomponent microcapsules for self-healing materials. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	32
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