

Jia Ming Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

350
citations

932766

10
h-index

1058022

14
g-index

14
all docs

14
docs citations

14
times ranked

537
citing authors

#	ARTICLE	IF	CITATIONS
1	Coalescence time of water-in-oil emulsions under shear. <i>Chemical Engineering Science</i> , 2022, 250, 117257.	1.9	10
2	Dissolution of microdroplets in a sparsely miscible liquid confined by leaky walls. <i>Journal of Fluid Mechanics</i> , 2021, 912, .	1.4	5
3	Fine radial jetting during the impact of compound drops. <i>Journal of Fluid Mechanics</i> , 2020, 883, .	1.4	12
4	Three-Dimensional Printed Devices in Droplet Microfluidics. <i>Micromachines</i> , 2019, 10, 754.	1.4	35
5	Multimaterial 3D Printing: Multimaterial Microfluidic 3D Printing of Textured Composites with Liquid Inclusions (<i>Adv. Sci.</i> 3/2019). <i>Advanced Science</i> , 2019, 6, 1970018.	5.6	4
6	A Modular Microfluidic Device via Multimaterial 3D Printing for Emulsion Generation. <i>Scientific Reports</i> , 2018, 8, 4791.	1.6	81
7	An integrated micro-millifluidic processing system. <i>Lab on A Chip</i> , 2018, 18, 3393-3404.	3.1	12
8	A hybrid modular microfluidic device for emulsion generation. <i>Sensors and Actuators A: Physical</i> , 2018, 280, 422-428.	2.0	26
9	Evaporative Lithography in Open Microfluidic Channel Networks. <i>Langmuir</i> , 2017, 33, 2861-2871.	1.6	17
10	Droplet generation in cross-flow for cost-effective 3D-printed "plug-and-play" microfluidic devices. <i>RSC Advances</i> , 2016, 6, 81120-81129.	1.7	42
11	A simple and low-cost fully 3D-printed non-planar emulsion generator. <i>RSC Advances</i> , 2016, 6, 2793-2799.	1.7	42
12	The antibacterial activity of syringopicroside, its metabolites and natural analogues from <i>Syringae Folium</i> . <i>FÄ-toterapÄ-Äç</i> , 2016, 110, 20-25.	1.1	4
13	Simple and inexpensive microfluidic devices for the generation of monodisperse multiple emulsions. <i>Journal of Micromechanics and Microengineering</i> , 2014, 24, 015019.	1.5	24
14	A co-flow-focusing monodisperse microbubble generator. <i>Journal of Micromechanics and Microengineering</i> , 2014, 24, 035008.	1.5	36