

Wei Guo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4319961/publications.pdf>

Version: 2024-02-01

9
papers

450
citations

1307594

7
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

749
citing authors

#	ARTICLE	IF	CITATIONS
1	Active droplet sorting in microfluidics: a review. <i>Lab on A Chip</i> , 2017, 17, 751-771.	6.0	250
2	AC electric field induced droplet deformation in a microfluidic T-junction. <i>Lab on A Chip</i> , 2016, 16, 2982-2986.	6.0	56
3	Negative Pressure Induced Droplet Generation in a Microfluidic Flow-Focusing Device. <i>Analytical Chemistry</i> , 2017, 89, 4387-4391.	6.5	48
4	Non-associative phase separation in an evaporating droplet as a model for prebiotic compartmentalization. <i>Nature Communications</i> , 2021, 12, 3194.	12.8	44
5	Microfluidic Technology for Nucleic Acid Aptamer Evolution and Application. <i>Advanced Biology</i> , 2019, 3, e1900012.	3.0	24
6	Pressure-Driven Filling of Closed-End Microchannel: Realization of Comb-Shaped Transducers for Acoustofluidics. <i>Physical Review Applied</i> , 2018, 10, .	3.8	13
7	Flower-like droplets obtained by self-emulsification of a phase-separating (SEPS) aqueous film. <i>Soft Matter</i> , 2020, 16, 6050-6055.	2.7	7
8	Pressure-driven filling of liquid metal in closed-end microchannels. <i>Physical Review E</i> , 2018, 98, .	2.1	4
9	One-Pot Self-Assembly of Dual-Color Domes Using Mono-Sized Silica Nanoparticles. <i>Nano Letters</i> , 2022, 22, 5236-5243.	9.1	4