

Xiaoming Chen

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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1478505
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357
citing authors

#	ARTICLE	IF	CITATIONS
1	Droplet formation of biological non-Newtonian fluid in T-junction generators. II. Model for final droplet volume prediction. <i>Physical Review E</i> , 2022, 105, 025106.	2.1	2
2	Droplet formation of biological non-Newtonian fluid in T-junction generators. I. Experimental investigation. <i>Physical Review E</i> , 2022, 105, 025105.	2.1	4
3	A droplet-based microfluidic platform for rapid immobilization of quantum dots on individual magnetic microbeads. <i>Microfluidics and Nanofluidics</i> , 2018, 22, 1.	2.2	11
4	A simple droplet merger design for controlled reaction volumes. <i>Microfluidics and Nanofluidics</i> , 2017, 21, 1.	2.2	13
5	A microfluidic chip integrated with droplet generation, pairing, trapping, merging, mixing and releasing. <i>RSC Advances</i> , 2017, 7, 16738-16750.	3.6	58
6	Droplet Microfluidic System with On-Demand Trapping and Releasing of Droplet for Drug Screening Applications. <i>Analytical Chemistry</i> , 2017, 89, 910-915.	6.5	54
7	Parallelization of microfluidic flow-focusing devices. <i>Physical Review E</i> , 2017, 95, 043105.	2.1	26
8	Model of droplet generation in flow focusing generators operating in the squeezing regime. <i>Microfluidics and Nanofluidics</i> , 2015, 18, 1341-1353.	2.2	55