

# Xiaoming Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7042520/publications.pdf>

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8  
papers

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citations

1478505  
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1588992  
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all docs

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docs citations

8  
times ranked

357  
citing authors

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