

Xinye Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10566673/publications.pdf>

Version: 2024-02-01

8
papers

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1478505
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docs citations

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116
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid <i>Escherichia coli</i> Trapping and Retrieval from Bodily Fluids via a Three-Dimensional Bead-Stacked Nanodevice. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 7888-7896.	8.0	27
2	Suppression of dendrite growth by cross-flow in microfluidics. <i>Science Advances</i> , 2021, 7, .	10.3	27
3	Experimental and theoretical study on the microparticle trapping and release in a deformable nano-sieve channel. <i>Nanotechnology</i> , 2020, 31, 05LT01.	2.6	10
4	Deformation-Based Droplet Separation in Microfluidics. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 3916-3921.	3.7	10
5	Flow-Regulated Growth of Titanium Dioxide (TiO ₂) Nanotubes in Microfluidics. <i>Small</i> , 2017, 13, 1701154.	10.0	9
6	Single <i>Chlamydomonas reinhardtii</i> cell separation from bacterial cells and auto-fluorescence tracking with a nanosieve device. <i>Electrophoresis</i> , 2021, 42, 95-102.	2.4	7
7	Understanding microbeads stacking in deformable Nano-Sieve for Efficient plasma separation and blood cell retrieval. <i>Journal of Colloid and Interface Science</i> , 2022, 606, 1609-1616.	9.4	7
8	Microfluidics: Flow-Regulated Growth of Titanium Dioxide (TiO ₂) Nanotubes in Microfluidics (<i>Small</i> 30/2017). <i>Small</i> , 2017, 13, .	10.0	0