

An Eng Lim

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

174
citations

840776

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1281871

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all docs

11
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11
times ranked

145
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of microchannel junction angle on two-phase liquid-gas Taylor flow. <i>Chemical Engineering Science</i> , 2019, 202, 417-428.	3.8	34
2	Vertical Squeezing Route Taylor Flow with Angled Microchannel Junctions. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 14307-14317.	3.7	17
3	Electroosmotic Flow in Microchannel with Black Silicon Nanostructures. <i>Micromachines</i> , 2018, 9, 229.	2.9	16
4	Electroosmotic Flow Hysteresis for Dissimilar Anionic Solutions. <i>Analytical Chemistry</i> , 2016, 88, 8064-8073.	6.5	15
5	Dynamic Magnetic Nanomixers for Improved Microarray Assays by Eliminating Diffusion Limitation. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801022.	7.6	15
6	Electroosmotic flow hysteresis for dissimilar ionic solutions. <i>Biomicrofluidics</i> , 2015, 9, 024113.	2.4	14
7	Ionic Origin of Electro-osmotic Flow Hysteresis. <i>Scientific Reports</i> , 2016, 6, 22329.	3.3	13
8	Numerical Investigation of Nanostructure Orientation on Electroosmotic Flow. <i>Micromachines</i> , 2020, 11, 971.	2.9	13
9	Electroosmotic Flow Hysteresis for Fluids with Dissimilar pH and Ionic Species. <i>Micromachines</i> , 2021, 12, 1031.	2.9	13
10	Effect of nanostructures orientation on electroosmotic flow in a microfluidic channel. <i>Nanotechnology</i> , 2017, 28, 255303.	2.6	12
11	pH Change in Electroosmotic Flow Hysteresis. <i>Analytical Chemistry</i> , 2017, 89, 9394-9399.	6.5	12