

Lanlan Xiao

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

162
citations

1478280

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h-index

1372474

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g-index

10
all docs

10
docs citations

10
times ranked

141
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning Drop Motion by Chemical Chessboard-Patterned Surfaces: A Many-Body Dissipative Particle Dynamics Study. <i>Langmuir</i> , 2018, 34, 2708-2715.	1.6	43
2	Numerical simulation of a single cell passing through a narrow slit. <i>Biomechanics and Modeling in Mechanobiology</i> , 2016, 15, 1655-1667.	1.4	36
3	Simulation of Deformation and Aggregation of Two Red Blood Cells in a Stenosed Microvessel by Dissipative Particle Dynamics. <i>Cell Biochemistry and Biophysics</i> , 2016, 74, 513-525.	0.9	23
4	Effects of red blood cell aggregation on the blood flow in a symmetrical stenosed microvessel. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020, 19, 159-171.	1.4	19
5	Reducing droplet contact time and area by craterlike surface structure. <i>Physical Review Fluids</i> , 2021, 6, .	1.0	14
6	Numerical study on the adhesion of a circulating tumor cell in a curved microvessel. <i>Biomechanics and Modeling in Mechanobiology</i> , 2021, 20, 243-254.	1.4	7
7	Motion of a tumour cell under the blood flow at low Reynolds number in a curved microvessel. <i>Molecular Simulation</i> , 2021, 47, 1-9.	0.9	7
8	Dynamic characteristics of droplet impact on vibrating superhydrophobic substrate. <i>Physics of Fluids</i> , 2022, 34, .	1.6	7
9	Modeling Cell Adhesion and Extravasation in Microvascular System. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1097, 219-234.	0.8	3
10	Many-body dissipative particle dynamics with energy conservation: temperature-dependent long-term attractive interaction. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2022, 43, 497-506.	1.9	3