Farzam Zoueshtiagh

List of Publications by Year
in descending order

24	172	1163117 8	1199594 12
papers	citations	h-index	g-index

25	25	25	193
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pumping effect of heterogeneous meniscus formed around spherical particle. Journal of Colloid and Interface Science, 2020, 562, 133-141.	9.4	6
2	Spatial Waveform Analysis of Ultrasonically Excited Capillary Waves for Measurements of Interfacial Tension Coefficient in Microgravity. Microgravity Science and Technology, 2020, 32, 1087-1094.	1.4	0
3	Enhancement of Meniscus Pump by Multiple Particles. Langmuir, 2020, 36, 4447-4453.	3.5	4
4	Evaluation of the hydrophobic properties of latex microspheres and Bacillus spores. Influence of the particle size on the data obtained by the MATH method (microbial adhesion to hydrocarbons). Colloids and Surfaces B: Biointerfaces, 2019, 182, 110398.	5.0	14
5	Quick Liquid Propagation on a Linear Array of Micropillars. Langmuir, 2019, 35, 9139-9145.	3.5	5
6	Measurements of Interfacial Tension Coefficient Using Excitation of Progressive Capillary Waves by Radiation Pressure of Ultrasound in Microgravity. Microgravity Science and Technology, 2019, 31, 723-732.	1.4	5
7	The Faraday instability in rectangular and annular geometries: comparison of experiments with theory. Experiments in Fluids, 2019, 60, 1.	2.4	1
8	Faraday instability in double-interface fluid layers. Physical Review Fluids, 2019, 4, .	2.5	14
9	Control of local wetting by microscopic particles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 555, 615-620.	4.7	7
10	Influence of capillarity and gravity on confined Faraday waves. Physical Review Fluids, 2018, 3, .	2.5	7
11	Sharp acceleration of a macroscopic contact line induced by a particle. Journal of Fluid Mechanics, 2017, 830, .	3.4	9
12	Inverse Saffman-Taylor Experiments with Particles Lead to Capillarity Driven Fingering Instabilities. Physical Review Letters, 2016, 117, 034501.	7.8	17
13	Increased resistance to detachment of adherent microspheres and Bacillus spores subjected to a drying step. Colloids and Surfaces B: Biointerfaces, 2016, 143, 293-300.	5.0	8
14	The Faraday instability in miscible fluid systems. Physics of Fluids, 2015, 27, .	4.0	11
15	Capillary tube wetting induced by particles: towards armoured bubbles tailoring. Soft Matter, 2014, 10, 9403-9412.	2.7	16
16	From â€˜petal effectâ€™ to â€˜lotus effectâ€™ on the highly flexible Silastic S elastomer microstructured using a fluorine based reactive ion etching process. Journal of Micromechanics and Microengineering, 2014, 24, 115008.	2.6	7
17	Mixing generated by Faraday instability between miscible liquids. Physical Review E, 2012, 85, 016326.	2.1	14
18	Surface Acoustic Wave-Induced Microstreaming in Droplets for the Enhancement of Biosensing Performances. , 2010, , .		0

#	Article	IF	Citations
19	Enhancement of biosensing performance in a droplet-based bioreactor by in situ microstreaming. Biomicrofluidics, 2010, 4, 011102.	2.4	9
20	Particles Separation by Oscillation in a Capillary Tube. , 2008, , .		0
21	Micrometric ripples in a capillary tube, the effect of microgravity. Microgravity Science and Technology, 2007, 19, 60-61.	1.4	0
22	Bubble rupture in a vibrated liquid under microgravity. Microgravity Science and Technology, 2007, 19, 155-156.	1.4	2
23	Rotating-disk-type flow over loose boundaries. Journal of Engineering Mathematics, 2007, 57, 317-332.	1.2	5
24	Experimental verification of Type-II-eigenmode destabilization in the boundary layer over a compliant rotating disk. Physics of Fluids, 2006, 18, 054107.	4.0	9