Pascal Panizza

List of Publications by Year
in descending order

21	598	840776 11	794594 19
papers	citations	h-index	g-index

22	22	22	724
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Droplet Traffic at a Simple Junction at Low Capillary Numbers. Physical Review Letters, 2005, 95, 208304.	7.8	115
2	Millifluidic droplet analyser for microbiology. Lab on A Chip, 2011, 11, 4057.	6.0	114
3	Some recent advances in the design and the use of miniaturized droplet-based continuous process: Applications in chemistry and high-pressure microflows. Lab on A Chip, 2011, 11, 779-787.	6.0	68
4	Controlled production of hierarchically organized large emulsions and particles using assemblies on line of co-axial flow devices. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 312, 24-31.	4.7	66
5	Passive breakups of isolated drops and one-dimensional assemblies of drops in microfluidic geometries: experiments and models. Lab on A Chip, 2013, 13, 3022.	6.0	42
6	Microfluidic breakups of confined droplets against a linear obstacle: The importance of the viscosity contrast. Physical Review E, 2012, 86, 036317.	2.1	38
7	Generating Soap Bubbles by Blowing on Soap Films. Physical Review Letters, 2016, 116, 077801.	7.8	31
8	Observation of Droplet Size Oscillations in a Two-Phase Fluid under Shear Flow. Physical Review Letters, 2004, 92, 018305.	7.8	30
9	Droplet traffic regulated by collisions in microfluidic networks. Soft Matter, 2011, 7, 9453.	2.7	23
10	Combining solâ€“gel chemistry and millifluidic toward engineering microporous silica ceramic final sizes and shapes: An Integrative Chemistry approach. Chemical Engineering and Processing: Process Intensification, 2008, 47, 1317-1322.	3.6	21
11	A pendant drop method for the production of calibrated double emulsions and emulsion gels. RSC Advances, 2014, 4, 28504-28510.	3.6	19
12	Cooperative breakups induced by drop-to-drop interactions in one-dimensional flows of drops against micro-obstacles. Soft Matter, 2015, 11, 2454-2460.	2.7	8
13	Bubble blowing by the numbers. Physics Today, 2016, 69, 78-79.	0.3	5
14	Commensurability-driven structural defects in double emulsions produced with two-step microfluidic techniques. Soft Matter, 2014, 10, 4743-4748.	2.7	4
15	Breakup of confined drops against a micro-obstacle: an analytical model for the drop size distribution. Microfluidics and Nanofluidics, 2017, 21, 1.	2.2	4
16	Interfacial bubbles formed by plunging thin liquid films in a pool. Physical Review Fluids, 2017, 2, .	2.5	3
17	Different scenarios of shrinking surface soap bubbles. American Journal of Physics, 2021, 89, 244-252.	0.7	2
18	Breaking of Emulsions with Chemical Additives: Using Surrogate Fluids to Develop a Novel Theoretical Framework and Its Application to Water-in-Crude Oil Emulsions. ACS Omega, 2021, 6, 27976-27983.	3.5	2

#	Article	IF	Citations
19	Defects of structure in one-dimensional trains of drops of alternating composition. Microfluidics and Nanofluidics, 2016, 20, 1.	2.2	0
20	10.1119/10.0002348.1. , 2021, , .		0
21	Controlling the Emission Properties of Quantum Rods via Multiscale 3D Ordered Organization. Journal of Nanomaterials, 2021, 2021, 1-9.	2.7	0