

Philippe Beltrame

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

133
citations

1937685

4
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1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

145
citing authors

#	ARTICLE	IF	CITATIONS
1	Rayleigh and depinning instabilities of forced liquid ridges on heterogeneous substrates. <i>Physical Review E</i> , 2011, 83, 016305.	2.1	52
2	Pattern formation induced by an electric field in a polymer-air-polymer thin film system. <i>Soft Matter</i> , 2012, 8, 6333.	2.7	36
3	Time Integration and Steady-State Continuation for 2d Lubrication Equations. <i>SIAM Journal on Applied Dynamical Systems</i> , 2010, 9, 484-518.	1.6	28
4	Influence of the temperature-dependent viscosity on convective flow in the radial force field. <i>Physical Review E</i> , 2017, 96, 023108.	2.1	6
5	Deterministic particle transport in a ratchet flow. <i>Physical Review E</i> , 2016, 93, 012208.	2.1	4
6	Onset of intermittent octahedral patterns in spherical Bénard convection. <i>European Journal of Mechanics, B/Fluids</i> , 2015, 50, 156-174.	2.5	2
7	Directional Water Wicking on a Metal Surface Patterned by Microchannels. <i>Materials</i> , 2021, 14, 490.	2.9	2
8	Selective Transport of Airborne Microparticles Through Micro-channels Under Microgravity. <i>Microgravity Science and Technology</i> , 2021, 33, 1.	1.4	1
9	Geometrically driven liquid wicking: numerical study and experimental validation. <i>EPJ Applied Physics</i> , 2020, 91, 31101.	0.7	1
10	Absolute Negative Mobility in a Ratchet Flow. <i>Understanding Complex Systems</i> , 2016, , 249-261.	0.6	1
11	Selective Transport of Suspending Micro-Particles in an Oscillating Fluid Through Micro-Channels. <i>Springer Proceedings in Complexity</i> , 2021, , 123-135.	0.3	0
12	Model of hydrophobic porous media applied to stratified media: Water trapping, intermittent flow and fingering instability. <i>Europhysics Letters</i> , 0, , .	2.0	0