

Jean-Christophe Loudet

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

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1478505

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docs citations

14
times ranked

124
citing authors

#	ARTICLE	IF	CITATIONS
1	Structures in the meniscus of smectic membranes: the role of dislocations?. <i>Soft Matter</i> , 2017, 13, 3649-3663.	2.7	17
2	Azimuthal instability of the radial thermocapillary flow around a hot bead trapped at the water-air interface. <i>Physics of Fluids</i> , 2020, 32, .	4.0	14
3	Optically driven oscillations of ellipsoidal particles. Part I: Experimental observations. <i>European Physical Journal E</i> , 2014, 37, 124.	1.6	13
4	Optical levitation and long-working-distance trapping: From spherical up to high aspect ratio ellipsoidal particles. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2013, 126, 61-68.	2.3	12
5	Optically driven oscillations of ellipsoidal particles. Part II: Ray-optics calculations. <i>European Physical Journal E</i> , 2014, 37, 125.	1.6	8
6	Hydrodynamic response of a surfactant-laden interface to a radial flow. <i>Physical Review Fluids</i> , 2019, 4, .	2.5	6
7	Computational study of radiation torque on arbitrary shaped particles with MLFMA. <i>Optics Express</i> , 2015, 23, 23365.	3.4	3
8	Phase-field model for elastocapillary flows of liquid crystals. <i>Physical Review E</i> , 2021, 103, 022706.	2.1	3
9	Behaviors of ellipsoidal micro-particles within a two-beam optical levitator. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 195, 85-96.	2.3	2
10	Particle rotation speeds up capillary interactions. <i>European Physical Journal E</i> , 2021, 44, 30.	1.6	2
11	Stripe instabilities in the menisci of free-standing smectic films: influence of the phase sequence of the mesogenic material. <i>Liquid Crystals</i> , 2018, 45, 1415-1418.	2.2	1
12	Surfactant-driven instability of a divergent flow. <i>Physical Review Fluids</i> , 2021, 6, .	2.5	1
13	Particle trapped at the isotropic-nematic liquid crystal interface: Elastocapillary phenomena and drag forces. <i>Physical Review E</i> , 2022, 105, 044607.	2.1	1
14	Nonlinear Oscillatory States of Spheroidal Particles in a Two-Beam Trap Geometry. , 2017, , .		0