

Kausik S Das

List of Publications by Year in descending order

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17
papers

155
citations

1477746

6
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1199166

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docs citations

17
times ranked

183
citing authors

#	ARTICLE	IF	CITATIONS
1	Boundary condition induced passive chaotic mixing in straight microchannels. <i>Physics of Fluids</i> , 2022, 34, .	1.6	4
2	Plasma generation by household microwave oven for surface modification and other emerging applications. <i>American Journal of Physics</i> , 2021, 89, 372-382.	0.3	12
3	Resistance Switching and Memristive Hysteresis in Visible-Light-Activated Adsorbed ZnO Thin Films. <i>Scientific Reports</i> , 2018, 8, 2184.	1.6	30
4	Anomalous electrical response in ethanol-adsorbed zinc oxide thin films under visible light. , 2017, , .		0
5	Immiscible displacement of oil by water in a microchannel: Asymmetric flow behavior and nonlinear stability analysis of core-annular flow. <i>Physical Review E</i> , 2012, 85, 026309.	0.8	11
6	Dynamics of a two-dimensional vapor bubble confined between superheated or subcooled parallel plates. <i>Physical Review E</i> , 2010, 81, 046314.	0.8	4
7	Stability of evaporating water when heated through the vapor and the liquid phases. <i>Physical Review E</i> , 2010, 81, 036318.	0.8	8
8	Parametric internal waves in a compressible fluid. <i>Nonlinearity</i> , 2009, 22, 2981-2990.	0.6	1
9	Universality in crossover function for convection in fluids with a free surface. <i>Physica B: Condensed Matter</i> , 2009, 404, 2285-2288.	1.3	0
10	Steady parallel flow in an evaporating fluid heated from sidewalls. <i>Physica B: Condensed Matter</i> , 2009, 404, 3986-3990.	1.3	0
11	Surface thermal capacity and its effects on the boundary conditions at fluid-fluid interfaces. <i>Physical Review E</i> , 2007, 75, 065303.	0.8	27
12	Confined growth of a vapour bubble in a capillary tube at initially uniform superheat: Experiments and modelling. <i>International Journal of Heat and Mass Transfer</i> , 2006, 49, 4653-4671.	2.5	54
13	Rayleigh-Marangoni convection in a critical fluid: A tale of two crossovers. <i>Physical Review E</i> , 2001, 64, 016311.	0.8	1
14	Onset of convection in a binary mixture near the plait point. <i>Physical Review E</i> , 2000, 61, 5191-5194.	0.8	2
15	Nonlinear model for Marangoni convection. <i>Physical Review E</i> , 2000, 63, 012601.	0.8	0
16	Marangoni convection on an inhomogeneous substrate. <i>Physical Review E</i> , 1999, 59, 5407-5411.	0.8	1
17	Marangoni attractors. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999, 270, 173-181.	1.2	0