

Asim Mukhopadhyay

List of Publications by Year in descending order

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15
papers

223
citations

1040056

9
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

75
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-wave instabilities of evaporating/condensing viscous film flowing down a wavy inclined wall: Interfacial phase change effect of uniform layers. <i>Physics of Fluids</i> , 2022, 34, .	4.0	8
2	Surface wave and thermocapillary instabilities on flowing film under the sway of Hall viscosity. <i>Physica D: Nonlinear Phenomena</i> , 2022, 439, 133404.	2.8	5
3	Thermocapillary instability and wave formation on a viscous film flowing down an inclined plane with linear temperature variation: Effect of odd viscosity. <i>Physics of Fluids</i> , 2021, 33, .	4.0	19
4	Hydrodynamic instability and wave formation of a viscous film flowing down a slippery inclined substrate: Effect of odd-viscosity. <i>European Journal of Mechanics, B/Fluids</i> , 2021, 89, 161-170.	2.5	9
5	Interfacial phase change effect on a viscous falling film having odd viscosity down an inclined plane. <i>International Journal of Multiphase Flow</i> , 2021, 143, 103728.	3.4	6
6	Waves and instabilities of viscoelastic fluid film flowing down an inclined wavy bottom. <i>Physical Review E</i> , 2020, 102, 023117.	2.1	6
7	Hydrodynamics and instabilities of falling liquid film over a non-uniformly heated inclined wavy bottom. <i>Physics of Fluids</i> , 2020, 32, .	4.0	15
8	Stability of a thin viscous fluid film flowing down a rotating non-uniformly heated inclined plane. <i>Acta Mechanica</i> , 2011, 216, 225-242.	2.1	10
9	Long-Wave Instabilities of Viscoelastic Fluid Film Flowing Down an Inclined Plane with Linear Temperature Variation. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010, 65, 618-632.	1.5	13
10	Stability of conducting viscous film flowing down an inclined plane with linear temperature variation in the presence of a uniform normal electric field. <i>International Journal of Heat and Mass Transfer</i> , 2009, 52, 709-715.	4.8	18
11	Stability of conducting liquid flowing down an inclined plane at moderate Reynolds number in the presence of constant electromagnetic field. <i>International Journal of Non-Linear Mechanics</i> , 2008, 43, 632-642.	2.6	18
12	Nonlinear stability of viscous film flowing down an inclined plane with linear temperature variation. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 5683-5690.	2.8	21
13	Bifurcation analysis of the travelling waves on a falling power-law fluid film. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2007, 141, 128-137.	2.4	15
14	Waves on the surface of a falling power-law fluid film. <i>International Journal of Non-Linear Mechanics</i> , 2003, 38, 21-38.	2.6	28
15	Waves on a film of power-law fluid flowing down an inclined plane at moderate Reynolds number. <i>Fluid Dynamics Research</i> , 2001, 29, 199-220.	1.3	32