Amlan K Barua

List of Publications by Year
in descending order

8	94	1478505	1588992
papers	citations	6	8
		h-index	g-index

8	8	8	7
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of odd-viscosity on the dynamics and stability of a thin liquid film flowing down on a vertical moving plate. International Journal of Non-Linear Mechanics, 2022, 140, 103905.	2.6	14
2	A boundary integral method to investigate pattern formation in a rotating Hele-Shaw cell with time dependent gap. Computers and Mathematics With Applications, 2022, 118, 36-45.	2.7	2
3	A boundary integral method for computing the dynamics of rigid particles in unsteady Stokes and viscoelastic medium. Journal of Engineering Mathematics, 2021, 128, 1.	1.2	1
4	Thermocapillary instability on a film falling down a non-uniformly heated slippery incline. International Journal of Non-Linear Mechanics, 2021, 133, 103718.	2.6	27
5	Weakly viscoelastic film on a slippery slope. Physics of Fluids, 2021, 33, .	4.0	17
6	Stability of thin film flowing down the outer surface of a rotating non-uniformly heated vertical cylinder. Nonlinear Dynamics, 2020, 100, 1143-1172.	5.2	17
7	Stability of thin liquid film flowing down a rotating horizontal or inclined plane by momentum-integral method. European Journal of Mechanics, B/Fluids, 2019, 75, 58-70.	2.5	8
8	A Review on Hydrodynamical Stability of Thin Film Flowing Along an Inclined Plane. Journal of Mathematical Sciences and Modelling, 2019, 2, 133-142.	0.3	8