

Debayan Dasgupta

List of Publications by Year in descending order

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6
papers

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citations

2258059

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2053705

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docs citations

7
times ranked

22
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of elasticity number and time constant ratio on breakup and droplet formation of viscoelastic planar liquid sheet co-flowing with gases of equal velocities. <i>Journal of Fluid Mechanics</i> , 2021, 920, .	3.4	3
2	Linear Instability Analysis of Viscous Planar Liquid Sheet Sandwiched Between Two Moving Gas Streams. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 41-50.	0.4	0
3	A study on dual role of viscosity on the stability of a viscous planar liquid sheet surrounded by inviscid gas streams of equal velocities, and prediction of resulting droplet distribution using maximum entropy formulation. <i>Physics of Fluids</i> , 2019, 31, .	4.0	8
4	Linear and Non-linear Analysis of Breakup of Liquid Sheets: a Review. <i>Journal of the Indian Institute of Science</i> , 2019, 99, 59-75.	1.9	7
5	Dual-mode nonlinear instability analysis of a confined planar liquid sheet sandwiched between two gas streams of unequal velocities and prediction of droplet size and velocity distribution using maximum entropy formulation. <i>Physics of Fluids</i> , 2018, 30, .	4.0	9
6	Linear stability analysis of planar liquid sheet with unequal gas velocities confined between two solid walls. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	1