

Shreyas V Jalikop

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

422
citations

1478505

6
h-index

1588992

8
g-index

12
all docs

12
docs citations

12
times ranked

428
citing authors

#	ARTICLE	IF	CITATIONS
1	Directed percolation phase transition to sustained turbulence in Couette flow. Nature Physics, 2016, 12, 254-258.	16.7	161
2	Efficient manipulation of microparticles in bubble streaming flows. Biomicrofluidics, 2012, 6, 12801-1280111.	2.4	85
3	Size-sensitive sorting of microparticles through control of flow geometry. Applied Physics Letters, 2011, 99, .	3.3	69
4	The influence of viscosity on the frozen wave instability: theory and experiment. Journal of Fluid Mechanics, 2007, 584, 45-68.	3.4	61
5	Steep capillary-gravity waves in oscillatory shear-driven flows. Journal of Fluid Mechanics, 2009, 640, 131-150.	3.4	34
6	Oscillatory transverse instability of interfacial waves in horizontally oscillating flows. Physics of Fluids, 2012, 24, 044104.	4.0	7
7	STUDY OF FLAPPING FLIGHT USING DISCRETE VORTEX METHOD BASED SIMULATIONS. International Journal of Modern Physics C, 2013, 24, 1340007.	1.7	3
8	Simulation-aided identification of mid-cycle valve closure in a down-hole pump. Journal of Fluids and Structures, 2019, 91, 102774.	3.4	1
9	10.1063/1.3610940.1., 2011, , .		1
10	A New Computational Fluid Dynamics Model To Optimize Sucker Rod Pump Operation and Design. SPE Production and Operations, 2021, 36, 359-367.	0.6	0