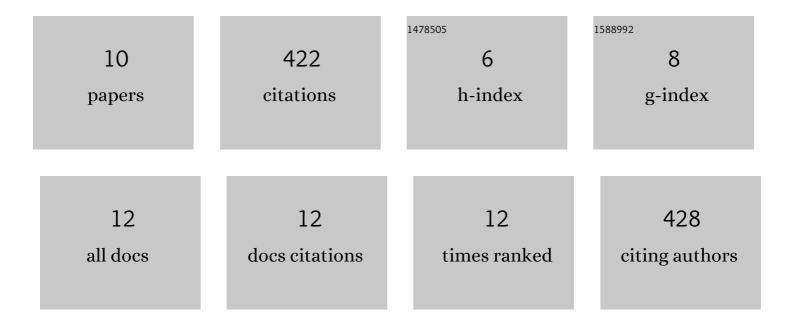
Shreyas V Jalikop

List of Publications by Year in descending order

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SHDEVAS VIALIKOD

| # | 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 |