

Lorenzo Siconolfi

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

191
citations

1307543

7
h-index

1372553

10
g-index

11
all docs

11
docs citations

11
times ranked

166
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability analysis of boundary layers controlled by miniature vortex generators. <i>Journal of Fluid Mechanics</i> , 2015, 784, 596-618.	3.4	32
2	Numerical investigation of flow regimes in T-shaped micromixers: Benchmark between finite volume and spectral element methods. <i>Canadian Journal of Chemical Engineering</i> , 2019, 97, 528-541.	1.7	32
3	Flow dynamics of a dandelion pappus: A linear stability approach. <i>Physical Review Fluids</i> , 2019, 4, .	2.5	31
4	Suppression of von Kármán vortex streets past porous rectangular cylinders. <i>Physical Review Fluids</i> , 2018, 3, .	2.5	29
5	Effect of geometry modifications on the engulfment in micromixers: Numerical simulations and stability analysis. <i>European Journal of Mechanics, B/Fluids</i> , 2016, 55, 360-366.	2.5	24
6	Boundary layer stabilization using free-stream vortices. <i>Journal of Fluid Mechanics</i> , 2015, 764, .	3.4	19
7	Hydrodynamic loading of perforated disks in creeping flows. <i>Physical Review Fluids</i> , 2019, 4, .	2.5	8
8	T-mixer operating with water at different temperatures: Simulation and stability analysis. <i>Physical Review Fluids</i> , 2018, 3, .	2.5	7
9	Investigation of the symmetry-breaking instability in a T-mixer with circular cross section. <i>Physics of Fluids</i> , 2020, 32, .	4.0	6
10	Influence of the inlet velocity profile on the flow stability in a symmetric channel expansion. <i>Journal of Fluid Mechanics</i> , 2021, 909, .	3.4	3
11	Stability analysis of the flow past miniature vortex generators in a Blasius boundary layer. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2015, 15, 485-486.	0.2	0