

Subramanian Annamalai

List of Publications by Year in descending order

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6
papers

100
citations

1684188

5
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

91
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential formulation of the viscous history force on a particle for efficient and accurate computation. <i>Journal of Fluid Mechanics</i> , 2018, 844, 970-993.	3.4	14
2	Inviscid simulations of expansion waves propagating into structured particle beds at low volume fractions. <i>Physical Review Fluids</i> , 2018, 3, .	2.5	4
3	Form of time-domain force on a sphere in unsteady spatially varying viscous compressible flows. <i>Journal of Fluid Mechanics</i> , 2017, 816, 381-411.	3.4	32
4	Effects of Initial Perturbations in the Early Moments of an Explosive Dispersal of Particles. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2016, 138, .	1.5	24
5	Mean force on a finite-sized rigid particle, droplet, or bubble in a viscous compressible medium. <i>Physics of Fluids</i> , 2015, 27, .	4.0	5
6	Mean force on a finite-sized spherical particle due to an acoustic field in a viscous compressible medium. <i>Physical Review E</i> , 2014, 89, 053008.	2.1	21