

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