

Lennart Schneiders

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

379
citations

1478505

6
h-index

1872680

6
g-index

10
all docs

10
docs citations

10
times ranked

237
citing authors

#	ARTICLE	IF	CITATIONS
1	An accurate moving boundary formulation in cut-cell methods. Journal of Computational Physics, 2013, 235, 786-809.	3.8	168
2	An efficient conservative cut-cell method for rigid bodies interacting with viscous compressible flows. Journal of Computational Physics, 2016, 311, 62-86.	3.8	102
3	Direct particle-fluid simulation of Kolmogorov-length-scale size particles in decaying isotropic turbulence. Journal of Fluid Mechanics, 2017, 819, 188-227.	3.4	52
4	On the accuracy of Lagrangian point-mass models for heavy non-spherical particles in isotropic turbulence. Fuel, 2017, 201, 2-14.	6.4	19
5	An efficient numerical method for fully-resolved particle simulations on high-performance computers. Proceedings in Applied Mathematics and Mechanics, 2015, 15, 495-496.	0.2	13
6	The decay of isotropic turbulence carrying non-spherical finite-size particles. Journal of Fluid Mechanics, 2019, 875, 520-542.	3.4	13
7	Sharp resolution of complex moving geometries using a multi-cut-cell viscous flow solver. , 2015, , .		7
8	Assessment of Non-Spherical Point-Particle Models in LES using Direct Particle-Fluid Simulations. , 2018, , .		3
9	Direct particle-fluid simulation of flushing in die-sink electrical-discharge machining. , 2017, , .		2