

Hongyou Liu

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

140
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

51
citing authors

#	ARTICLE	IF	CITATIONS
1	Amplitude modulation between multi-scale turbulent motions in high-Reynolds-number atmospheric surface layers. <i>Journal of Fluid Mechanics</i> , 2019, 861, 585-607.	3.4	35
2	Investigation on very large scale motions (VLSMs) and their influence in a dust storm. <i>Science China: Physics, Mechanics and Astronomy</i> , 2013, 56, 306-314.	5.1	34
3	Spatial length scales of large-scale structures in atmospheric surface layers. <i>Physical Review Fluids</i> , 2017, 2, .	2.5	22
4	Large-scale structures of wall-bounded turbulence in single- and two-phase flows: advancing understanding of the atmospheric surface layer during sandstorms. <i>Flow</i> , 2021, 1, .	2.6	18
5	Experimental investigation of the effects of particle near-wall motions on turbulence statistics in particle-laden flows. <i>Journal of Fluid Mechanics</i> , 2022, 943, .	3.4	11
6	Three-dimensional Representation of Large-scale Structures Based on Observations in Atmospheric Surface Layers. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 10753-10771.	3.3	8
7	An investigation of particles effects on wall-normal velocity fluctuations in sand-laden atmospheric surface layer flows. <i>Physics of Fluids</i> , 2021, 33, .	4.0	7
8	Evolution of turbulent kinetic energy during the entire sandstorm process. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 8787-8803.	4.9	5