

Xiang-Yu Li

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

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1163117

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docs citations

12
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356
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-Eddy Simulations of Marine Boundary Layer Clouds Associated with Cold-Air Outbreaks during the ACTIVATE Campaign. Part I: Case Setup and Sensitivities to Large-Scale Forcings. <i>Journals of the Atmospheric Sciences</i> , 2022, 79, 73-100.	1.7	8
2	Collision fluctuations of lucky droplets with superdroplets. <i>Journals of the Atmospheric Sciences</i> , 2022, , .	1.7	0
3	The Pencil Code, a modular MPI code for partial differential equations and particles: multipurpose and multiuser-maintained. <i>Journal of Open Source Software</i> , 2021, 6, 2807.	4.6	92
4	Coagulation of inertial particles in supersonic turbulence. <i>Astronomy and Astrophysics</i> , 2021, 648, A52.	5.1	5
5	On Assessing ERA5 and MERRA2 Representations of Cold-Air Outbreaks Across the Gulf Stream. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094364.	4.0	19
6	Condensational and Collisional Growth of Cloud Droplets in a Turbulent Environment. <i>Journals of the Atmospheric Sciences</i> , 2020, 77, 337-353.	1.7	17
7	Dust Growth by Accretion of Molecules in Supersonic Interstellar Turbulence. <i>Astrophysical Journal</i> , 2020, 903, 148.	4.5	6
8	Cloud-droplet growth due to supersaturation fluctuations in stratiform clouds. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 639-648.	4.9	15
9	Varying the forcing scale in low Prandtl number dynamos. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 2827-2833.	4.4	15
10	Effect of Turbulence on Collisional Growth of Cloud Droplets. <i>Journals of the Atmospheric Sciences</i> , 2018, 75, 3469-3487.	1.7	14
11	Eulerian and Lagrangian approaches to multidimensional condensation and collection. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 1116-1137.	3.8	22