

Yuan Lian

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11870475/publications.pdf>

Version: 2024-02-01

10
papers

1,151
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

1017
citing authors

#	ARTICLE	IF	CITATIONS
1	ATMOSPHERIC CIRCULATION OF HOT JUPITERS: COUPLED RADIATIVE-DYNAMICAL GENERAL CIRCULATION MODEL SIMULATIONS OF HD 189733b and HD 209458b. <i>Astrophysical Journal</i> , 2009, 699, 564-584.	4.5	475
2	3D mixing in hot Jupiters atmospheres. <i>Astronomy and Astrophysics</i> , 2013, 558, A91.	5.1	250
3	Generation of equatorial jets by large-scale latent heating on the giant planets. <i>Icarus</i> , 2010, 207, 373-393.	2.5	91
4	Stratospheric superrotation in the TitanWRF model. <i>Icarus</i> , 2011, 213, 636-654.	2.5	81
5	Deep zonal winds can result from shallow driving in a giant-planet atmosphere. <i>Icarus</i> , 2006, 182, 513-526.	2.5	74
6	Deep jets on gas-giant planets. <i>Icarus</i> , 2008, 194, 597-615.	2.5	69
7	Interannual similarity and variation in seasonal circulation of Mars' atmospheric Ar as seen by the Gamma Ray Spectrometer on Mars Odyssey. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	39
8	Simulating Titan's methane cycle with the TitanWRF General Circulation Model. <i>Icarus</i> , 2016, 267, 106-134.	2.5	37
9	The Ashima/MIT Mars GCM and argon in the martian atmosphere. <i>Icarus</i> , 2012, 218, 1043-1070.	2.5	30
10	Temperature Variability in Titan's Upper Atmosphere: The Role of Wave Dissipation. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2019JE006163.	3.6	5