

# Fachreddin Tabataba-Vakili

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9259346/publications.pdf>

Version: 2024-02-01

8  
papers

153  
citations

1307594

7  
h-index

1588992

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

237  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalent lightning sferics at 600 megahertz near Jupiter's poles. <i>Nature</i> , 2018, 558, 87-90.	27.8	52
2	Historical and Contemporary Trends in the Size, Drift, and Color of Jupiter's Great Red Spot. <i>Astronomical Journal</i> , 2018, 155, 151.	4.7	28
3	Comparative terrestrial atmospheric circulation regimes in simplified global circulation models. Part I: From cyclostrophic superrotation to geostrophic turbulence. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2018, 144, 2537-2557.	2.7	24
4	Baroclinic and barotropic instabilities in planetary atmospheres: energetics, equilibration and adjustment. <i>Nonlinear Processes in Geophysics</i> , 2020, 27, 147-173.	1.3	16
5	A Lorenz/Boer energy budget for the atmosphere of Mars from a reanalysis of spacecraft observations. <i>Geophysical Research Letters</i> , 2015, 42, 8320-8327.	4.0	13
6	Comparative terrestrial atmospheric circulation regimes in simplified global circulation models. Part II: Energy budgets and spectral transfers. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2018, 144, 2558-2576.	2.7	11
7	A Survey of Small-Scale Waves and Wave-Like Phenomena in Jupiter's Atmosphere Detected by JunoCam. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2019JE006369.	3.6	7
8	Wave Activity in Jupiter's North Equatorial Belt From Near-Infrared Reflectivity Observations. <i>Geophysical Research Letters</i> , 2019, 46, 1232-1241.	4.0	2