

Fazlul I Laskar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1157658/publications.pdf>

Version: 2024-02-01

23
papers

515
citations

567281

15
h-index

677142

22
g-index

33
all docs

33
docs citations

33
times ranked

452
citing authors

#	ARTICLE	IF	CITATIONS
1	Initial Observations by the GOLD Mission. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027823.	2.4	80
2	Investigation of a Neutral "Tongue" Observed by GOLD During the Geomagnetic Storm on May 11, 2019. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028817.	2.4	46
3	Vertical coupling of atmospheres: dependence on strength of sudden stratospheric warming and solar activity. <i>Earth, Planets and Space</i> , 2014, 66, .	2.5	40
4	Does sudden stratospheric warming induce meridional circulation in the mesosphere thermosphere system?. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 10,133.	2.4	33
5	Polar mesospheric horizontal divergence and relative vorticity measurements using multiple specular meteor radars. <i>Radio Science</i> , 2017, 52, 811-828.	1.6	33
6	Investigations on vertical coupling of atmospheric regions using combined multiwavelength optical dayglow, magnetic, and radio measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4618-4627.	2.4	27
7	MISE: A multiwavelength imaging spectrograph using echelle grating for daytime optical aeronomy investigations. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2013, 103, 176-183.	1.6	26
8	Interhemispheric Meridional Circulation During Sudden Stratospheric Warming. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 7112-7122.	2.4	24
9	Effects of prolonged southward interplanetary magnetic field on low-latitude ionospheric electron density. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 5764-5776.	2.4	23
10	Quasi-biennial oscillation modulation of the middle- and high-latitude mesospheric semidiurnal tides during August-September. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 4869-4879.	2.4	22
11	Daytime wave characteristics in the mesosphere lower thermosphere region: Results from the Balloon-borne Investigations of Regional Atmospheric Dynamics experiment. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 2229-2242.	2.4	21
12	Gravity waves in the thermosphere: Solar activity dependence. <i>Advances in Space Research</i> , 2015, 55, 1651-1659.	2.6	20
13	Semidiurnal solar tide differences between fall and spring transition times in the Northern Hemisphere. <i>Annales Geophysicae</i> , 2018, 36, 999-1008.	1.6	19
14	Response of GOLD Retrieved Thermospheric Temperatures to Geomagnetic Activities of Varying Magnitudes. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093905.	4.0	18
15	First Global-Scale Synoptic Imaging of Solar Eclipse Effects in the Thermosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027789.	2.4	17
16	Early Morning Equatorial Ionization Anomaly From GOLD Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027487.	2.4	15
17	On the role of anisotropic MF/HF scattering in mesospheric wind estimation. <i>Earth, Planets and Space</i> , 2018, 70, .	2.5	14
18	Impact of GOLD Retrieved Thermospheric Temperatures on a Whole Atmosphere Data Assimilation Model. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028646.	2.4	12

#	ARTICLE	IF	CITATIONS
19	Experimental Evidence of Arctic Summer Mesospheric Upwelling and Its Connection to Cold Summer Mesopause. <i>Geophysical Research Letters</i> , 2017, 44, 9151-9158.	4.0	9
20	Mesospheric anomalous diffusion during noctilucent cloud scenarios. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 5259-5267.	4.9	5
21	Effect of solar flux versus compositional variations on the variability of daytime oxygen optical emission rates over low- and mid-latitudes. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2020, 205, 105293.	1.6	5
22	Improving the Thermosphere Ionosphere in a Whole Atmosphere Model by Assimilating GOLD Disk Temperatures. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	2.4	5
23	The Molecular Oxygen Density Structure of the Lower Thermosphere as Seen by GOLD and Models. <i>Geophysical Research Letters</i> , 0, , .	4.0	1