

Petra Koucka Knizova

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/438874/publications.pdf>

Version: 2024-02-01

31
papers

712
citations

687335

13
h-index

552766

26
g-index

34
all docs

34
docs citations

34
times ranked

682
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionosphere Influenced From Lower-Lying Atmospheric Regions. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	2.8	14
2	Observation of the Ionosphere in Middle Latitudes during 2009, 2018 and 2018/2019 Sudden Stratospheric Warming Events. <i>Atmosphere</i> , 2021, 12, 602.	2.3	9
3	Analysis of Relationship Between Ionospheric and Solar Parameters Using Graphical Models. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029063.	2.4	1
4	Ionospheric storm of September 2017 observed at ionospheric station Pruhonice, the Czech Republic. <i>Advances in Space Research</i> , 2020, 65, 115-128.	2.6	24
5	Evidence of vertical coupling: meteorological storm Fabienne on 23 rd September 2018 and its related effects observed up to the ionosphere. <i>Annales Geophysicae</i> , 2020, 38, 73-93.	1.6	12
6	Passive ionospheric radar builds with USRP N210. <i>Journal of Electrical Engineering</i> , 2019, 70, 159-164.	0.7	0
7	Solar signals detected within neutral atmospheric and ionospheric parameters. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 171, 147-156.	1.6	4
8	Observation of the solar eclipse of 20 March 2015 at the Pruhonice station. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 171, 277-284.	1.6	13
9	Ionospheric vertical drift response at a mid-latitude station. <i>Advances in Space Research</i> , 2016, 58, 108-116.	2.6	15
10	System for Automatic Detection and Analysis of Targets in FMICW Radar Signal. <i>Journal of Electrical Engineering</i> , 2016, 67, 36-41.	0.7	9
11	A review of vertical coupling in the Atmosphereâ€“ionosphere system: Effects of waves, sudden stratospheric warmings, space weather, and of solar activity. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2016, 141, 1-12.	1.6	131
12	Detection of low-frequency organized structures in nighttime air flow within a spruce canopy on the upwind and downwind sides of a mountain ridge. <i>Atmospheric Science Letters</i> , 2015, 16, 432-437.	1.9	0
13	Coherent structures in the Es layer and neutral middle atmosphere. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2015, 136, 155-162.	1.6	13
14	Influence of meteorological systems on the ionosphere over Europe. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2015, 136, 244-250.	1.6	17
15	Analysis of digisonde drift measurements quality. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2012, 90-91, 212-221.	1.6	14
16	Analysis of wave-like oscillations in parameters of sporadic E layer and neutral atmosphere. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2012, 90-91, 172-178.	1.6	8
17	Solar influences on atmospheric circulation. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2012, 90-91, 15-25.	1.6	22
18	Ionosphere fluctuations and global indices: A scale dependent wavelet-based cross-correlation analysis. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2012, 90-91, 186-197.	1.6	9

#	ARTICLE	IF	CITATIONS
19	Scale-dependent analysis of Ionosphere fluctuations. , 2011, , .		2
20	Ionospheric behavior over Europe during the solar eclipse of 3 October 2005. Journal of Atmospheric and Solar-Terrestrial Physics, 2008, 70, 836-853.	1.6	117
21	Height and critical frequency variations of the sporadic-E layer at midlatitudes. Journal of Atmospheric and Solar-Terrestrial Physics, 2008, 70, 1904-1910.	1.6	24
22	Ionospheric drift measurements: Skymap points selection. Radio Science, 2008, 43, .	1.6	15
23	Acoustic gravity waves during solar eclipses: Detection and characterization using wavelet transforms. Journal of Atmospheric and Solar-Terrestrial Physics, 2007, 69, 2465-2484.	1.6	24
24	Comparison of true-height electron density profiles derived by POLAN and NHPC methods. Studia Geophysica Et Geodaetica, 2007, 51, 449-459.	0.5	10
25	Wavelet characterisation of ionospheric acoustic and gravity waves occurring during the solar eclipse of August 11, 1999. Journal of Atmospheric and Solar-Terrestrial Physics, 2006, 68, 586-598.	1.6	50
26	Detection of the wave-like structures in the F-region electron density: Two station measurements. Studia Geophysica Et Geodaetica, 2006, 50, 131-146.	0.5	24
27	Diurnal Variation of Gravity Wave Activity at Midlatitudes in the Ionospheric F Region. Studia Geophysica Et Geodaetica, 2003, 47, 579-586.	0.5	24
28	Observations of gravity waves of meteorological origin in the F-Region ionosphere. Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science, 2001, 26, 425-428.	0.2	14
29	Tropospheric events and possible related gravity wave activity effects on the ionosphere. Journal of Atmospheric and Solar-Terrestrial Physics, 2001, 63, 945-950.	1.6	53
30	Are planetary wave type oscillations in the F2 region caused by planetary wave modulation of upward propagating tides?. Advances in Space Research, 1999, 24, 1473-1476.	2.6	37
31	Estimation of the value of the electric field in the upper ionosphere before an earthquake. Studia Geophysica Et Geodaetica, 1996, 40, 430-438.	0.5	0