

# Zbysek Mosna

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

249  
citations

1040056

9  
h-index

1058476

14  
g-index

27  
all docs

27  
docs citations

27  
times ranked

251  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intermediate descending layer and sporadic E tidelike variability observed over three mid-latitude ionospheric stations. <i>Advances in Space Research</i> , 2022, 69, 96-110.	2.6	8
2	Ionosphere Influenced From Lower-Lying Atmospheric Regions. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	2.8	14
3	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
4	Understanding the Total Electron Content Variability Over Europe During 2009 and 2019 SSWs. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028751.	2.4	7
5	Evidence of vertical coupling: meteorological storm Fabienne on 23 <sup>rd</sup> 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	Continuous Doppler sounding of the ionosphere during solar flares. <i>Earth, Planets and Space</i> , 2018, 70, .	2.5	12
9	Solar eclipse effects in the ionosphere observed by continuous Doppler sounding. <i>Advances in Space Research</i> , 2018, 62, 785-800.	2.6	3
10	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
11	Space weather studies of IONOLAB group. , 2016, , .		5
12	Nonlinear acoustic waves in the viscous thermosphere and ionosphere above earthquake. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 12,126.	2.4	15
13	Comparison of Digital Filters and GNSS for checking of automatically scaled ionograms. , 2016, , .		0
14	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
15	Ionospheric signatures of the April 25, 2015 Nepal earthquake and the relative role of compression and advection for Doppler sounding of infrasound in the ionosphere. <i>Earth, Planets and Space</i> , 2016, 68, .	2.5	41
16	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
17	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
18	Comparison of devices for monitoring of the ionosphere at the observatory Pruhonice. , 2015, , .		2

#	ARTICLE	IF	CITATIONS
19	Application of Digital Filters to Check Quality of the Automatically Scaled Ionograms. Journal of Electrical Engineering, 2015, 66, 164-168.	0.7	6
20	Measurement of critical frequency of the layer F2 by the using of the GPS. , 2014, , .		4
21	Observations of wave activity in the ionosphere over South Africa in geomagnetically quiet and disturbed periods. Advances in Space Research, 2012, 50, 182-195.	2.6	4
22	Analysis of wave-like oscillations in parameters of sporadic E layer and neutral atmosphere. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 90-91, 172-178.	1.6	8
23	Solar influences on atmospheric circulation. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 90-91, 15-25.	1.6	22
24	Ionosphere fluctuations and global indices: A scale dependent wavelet-based cross-correlation analysis. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 90-91, 186-197.	1.6	9
25	Scale-dependent analysis of Ionosphere fluctuations. , 2011, , .		2
26	Comparison of true-height electron density profiles derived by POLAN and NHPC methods. Studia Geophysica Et Geodaetica, 2007, 51, 449-459.	0.5	10