Kotova S Daria

List of Publications by Year
in descending order

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29	193	1163117 8	1125743 13
papers	citations	h-index	g-index

30	30	30	162
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ionospheric Plasma Irregularities Based on In Situ Measurements From the Swarm Satellites. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028103.	2.4	36
2	After-effects of geomagnetic storms: statistical analysis and theoretical explanation. SolneÄ•no-zemnaÃ¢ Fizika, 2018, 4, 26-32.	0.9	25
3	Influence of geomagnetic storms of September 26â€“30, 2011, on the ionosphere and HF radiowave propagation. I. Ionospheric effects. Geomagnetism and Aeronomy, 2015, 55, 744-762.	0.8	19
4	Ionospheric Plasma IRregularities â€•IPIR â€•Data Product Based on Data From the Swarm Satellites. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	17
5	Using IRI and GSM TIP model results as environment for HF radio wave propagation model during the geomagnetic storm occurred on September 26â€“29, 2011. Advances in Space Research, 2015, 56, 2012-2029.	2.6	14
6	Efficiency of updating the ionospheric models using total electron content at mid- and sub-auroral latitudes. GPS Solutions, 2020, 24, 1.	4.3	10
7	Numerical Simulation of the Influence of the may 2â€“3, 2010 Geomagnetic Storm on HF Radio-Wave Propagation in the Ionosphere. Radiophysics and Quantum Electronics, 2014, 57, 467-477.	0.5	9
8	Influence of geomagnetic storms of September 26â€“30, 2011, on the ionosphere and HF radiowave propagation. II. radiowave propagation. Geomagnetism and Aeronomy, 2017, 57, 288-300.	0.8	9
9	Correction of IRI-Plas and NeQuick Empirical Ionospheric Models at High Latitudes Using Data from the Remote Receivers of Global Navigation Satellite System Signals. Russian Journal of Physical Chemistry B, 2018, 12, 776-781.	1.3	7
10	Formation of Ionospheric Irregularities in the East Siberian Region during the Geomagnetic Storm of May 27â€“28, 2017. Russian Journal of Physical Chemistry B, 2020, 14, 377-389.	1.3	6
11	Spatial and Temporal Evolution of Differentâ€šcale Ionospheric Irregularities in Central and East Siberia During the 27â€“28 May 2017 Geomagnetic Storm. Space Weather, 2020, 18, e2019SW002378.	3.7	6
12	Diurnal and longitudinal variations in the earthâ€™s ionosphere in the period of solstice in conditions of a deep minimum of solar activity. Cosmic Research, 2016, 54, 8-19.	0.6	5
13	Case Studies of Ionospheric Plasma Irregularities Over Queen Maud Land, Antarctica. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029963.	2.4	5
14	Complex of Radiophysical, Geomagnetic, and Meteorological Observations (IZMIRAN), Kaliningrad Branch. Russian Journal of Physical Chemistry B, 2020, 14, 883-891.	1.3	5
15	After-effects of geomagnetic storms: statistical analysis and theoretical explanation. SolneÄ•no-zemnaÃ¢ Fizika, 2018, 4, 32-42.	0.2	5
16	Multi-scale response of the high-latitude topside ionosphere to geospace forcing. Advances in Space Research, 2023, 72, 5490-5502.	2.6	3
17	Development of the model of HF radiowave propagation in the ionosphere. Russian Journal of Physical Chemistry B, 2015, 9, 983-991.	1.3	2
18	Ionosphere as a Medium of Radio Wave Propagation in Different Applied Tasks. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
19	Comparison Ð¾f Shooting Method and Variational Approach for Two-Point Ionospheric Ray Tracing. Bulletin of the Russian Academy of Sciences: Physics, 2021, 85, 262-267.	0.6	2
20	Interhemispheric variability of the electron density and derived parameters by the Swarm satellites during different solar activity. Journal of Space Weather and Space Climate, 0, , .	3.3	2
21	Ground-Based GNSS Data for the Ionosphere Model Correction at High-Latitudes. , 2018, , .		1
22	Development of Improved Ionospheric Empirical Model and Software for HF Ray Tracing. , 2018, , .		1
23	Stratospheric warming influence on HF radio wave propagation in the low-latitude ionosphere. , 2015, , .		0
24	Testing the method of transverse displacements for calculating paths of the HF radio wave propagation in three dimensional inhomogeneous media. , 2015, , .		0
25	Ionospheric Effects of Geomagnetic Storms on 26â€“30 September 2011 in the Different Longitudinal Sectors and Their Impact on the HF Radio Wave Propagation. , 2015, , .		0
26	Ionospheric Irregularities Over Norilsk During the 27â€“28 May 2017 Geomagnetic Storm. , 2018, , .		0
27	Influence of January 2009 stratospheric warming on HF radio wave propagation in the low-latitude ionosphere. SolneÄ›no-zemnaÃ¢ Fizika, 2016, 2, 63-75.	0.2	0
28	Influence of January 2009 stratospheric warming on HF radio wave propagation in the low-latitude ionosphere. SolneÄ›no-zemnaÃ¢ Fizika, 2017, 2, 81-93.	0.9	0
29	Interhemispheric variability of the electron density and derived parameters by the Swarm satellites during different solar activity â€“ Erratum. Journal of Space Weather and Space Climate, 2022, 12, 15.	3.3	0