

Suvorova A V

List of Publications by Year in descending order

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papers

963
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489802

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54
docs citations

54
times ranked

846
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial Evolution of Energetic Electrons Affecting the Upper Atmosphere during the Last Two Solar Cycles. <i>Atmosphere</i> , 2022, 13, 322.	1.0	4
2	Formation of Ionospheric Irregularities in the East Siberian Region during the Geomagnetic Storm of May 27–28, 2017. <i>Russian Journal of Physical Chemistry B</i> , 2020, 14, 377-389.	0.2	6
3	Effect of High-Intensity Electron and Proton Fluxes on a Low-Latitude Ionosphere. <i>Russian Journal of Physical Chemistry B</i> , 2020, 14, 873-882.	0.2	7
4	Chemical physics of D and E layers of the ionosphere. <i>Advances in Space Research</i> , 2019, 64, 1876-1886.	1.2	29
5	Variations of Energetic Electron Fluxes in the Ionosphere during Periods of Solar Cycles. <i>Russian Journal of Physical Chemistry B</i> , 2019, 13, 874-883.	0.2	8
6	Quiet Time Structured Pc1 Waves Generated During Transient Foreshock. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9075-9093.	0.8	2
7	Energetic electron enhancements under the radiation belt (<i>L</i> 1.2) during a non-storm interval on 1 August 2008. <i>Annales Geophysicae</i> , 2019, 37, 1223-1241.	0.8	5
8	Electron radiation belt dynamics during magnetic storms and in quiet time. <i>Solneĭno-zemnaĭa Fizika</i> , 2018, 4, 51-60.	0.2	4
9	Predictable and unpredictable ionospheric disturbances during St. Patrick's Day magnetic storms of 2013 and 2015 and on 8–9 March 2008. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2398-2423.	0.8	53
10	Comparative study of COSMIC/FORMOSAT-3, Irkutsk incoherent scatter radar, Irkutsk Digisonde and IRI model electron density vertical profiles. <i>Advances in Space Research</i> , 2017, 60, 452-460.	1.2	13
11	Flux Enhancements of > 30 keV Electrons at Low Drift Shells <i>L</i> 1.2 During Last Solar Cycles. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 12,274.	0.8	14
12	Deformation of the magnetosphere and the penetration boundary of solar protons before the onset of the main phase of a magnetic storm. <i>Geomagnetism and Aeronomy</i> , 2017, 57, 121-131.	0.2	1
13	Global impulse burst of geomagnetic pulsations in the frequency range of 0.2–5 Hz as a precursor of the sudden commencement of St. Patrick's Day 2015 geomagnetic storm. <i>Cosmic Research</i> , 2017, 55, 307-317.	0.2	5
14	Effects of ionizing energetic electrons and plasma transport in the ionosphere during the initial phase of the December 2006 magnetic storm. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 5880-5896.	0.8	16
15	Model prediction of geosynchronous magnetopause crossings. <i>Space Weather</i> , 2016, 14, 530-543.	1.3	9
16	On magnetopause inflation under radial IMF. <i>Advances in Space Research</i> , 2016, 58, 249-256.	1.2	13
17	Large-scale jets in the magnetosheath and plasma penetration across the magnetopause: THEMIS observations. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 4423-4437.	0.8	43
18	Magnetopause inflation under radial IMF: Comparison of models. <i>Earth and Space Science</i> , 2015, 2, 107-114.	1.1	21

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19	Long-duration positive ionospheric storm during the December 2006 geomagnetic storm: Ionizing effect of forbidden electrons. <i>Advances in Space Research</i> , 2015, 56, 2001-2011.	1.2	9
20	Energetic Electron Enhancements below the Radiation Belt and X-Ray Contamination at Low-Orbiting Satellites. <i>Journal of Astrophysics</i> , 2014, 2014, 1-5.	0.4	1
21	Low-latitude ionospheric effects of energetic electrons during a recurrent magnetic storm. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 9283-9302.	0.8	19
22	Anomalous dynamics of the extremely compressed magnetosphere during 21 January 2005 magnetic storm. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 877-896.	0.8	23
23	TEC evidence for near-equatorial energy deposition by 30 keV electrons in the topside ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4672-4695.	0.8	29
24	The Shape of Strongly Disturbed Dayside Magnetopause. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2013, 24, 225.	0.3	2
25	TEC Enhancement due to Energetic Electrons Above Taiwan and the West Pacific. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2013, 24, 213.	0.3	2
26	Equatorial trench at the magnetopause under saturation. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	5
27	Traveling magnetopause distortion related to a large-scale magnetosheath plasma jet: THEMIS and ground-based observations. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	45
28	On relation between mid-latitude ionospheric ionization and quasi-trapped energetic electrons during 15 December 2006 magnetic storm. <i>Planetary and Space Science</i> , 2012, 60, 363-369.	0.9	16
29	Lognormal, Normal and Other Distributions Produced by Algebraic Operations in the Solar Wind. <i>AIP Conference Proceedings</i> , 2010, .	0.3	4
30	Algebra and statistics of the solar wind. <i>Cosmic Research</i> , 2010, 48, 113-128.	0.2	34
31	Thin magnetosheath as a consequence of the magnetopause deformation: THEMIS observations. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	25
32	Magnetopause expansions for quasi-radial interplanetary magnetic field: THEMIS and Geotail observations. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	71
33	Anomalous magnetosheath flows and distorted subsolar magnetopause for radial interplanetary magnetic fields. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	81
34	Comparison of heliospheric conditions near the earth during four recent solar maxima. <i>Advances in Space Research</i> , 2005, 36, 2339-2344.	1.2	3
35	Necessary conditions for geosynchronous magnetopause crossings. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	35
36	Geosynchronous magnetopause crossings on 29-31 October 2003. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	21

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37	Indirect estimation of the solar wind conditions in 29-31 October 2003. Journal of Geophysical Research, 2005, 110, .	3.3	12
38	Solar and Heliospheric Phenomena in October–November 2003: Causes and Effects. Cosmic Research, 2004, 42, 435-488.	0.2	87
39	Geosynchronous magnetopause crossings on October 29-31, 2003. Cosmic Research, 2004, 42, 551-560.	0.2	1
40	Dawn-dusk asymmetry of geosynchronous magnetopause crossings. Journal of Geophysical Research, 2004, 109, .	3.3	35
41	Expected hysteresis of the 23-rd solar cycle in the heliosphere. Advances in Space Research, 2002, 29, 475-479.	1.2	11
42	Title is missing!. Solar System Research, 2001, 35, 238-242.	0.3	0
43	Coronal imprints in the heliospheric plasma and magnetic fields at the Earth's orbit during the last three solar minima. Advances in Space Research, 2000, 25, 1965-1968.	1.2	2
44	Solar wind variation with the cycle. Journal of Astrophysics and Astronomy, 2000, 21, 423-429.	0.4	7
45	Solar wind and interplanetary magnetic field parameters at the Earth's orbit during three solar cycles. Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science, 2000, 25, 125-128.	0.2	1
46	Artificial neural network model of the dayside magnetopause: Physical consequences. Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science, 2000, 25, 169-172.	0.2	1
47	Three-dimensional artificial neural network model of the dayside magnetopause. Journal of Geophysical Research, 2000, 105, 18909-18918.	3.3	33
48	Dayside magnetopause models. Radiation Measurements, 1999, 30, 687-692.	0.7	17
49	Solar wind magnetic field and pressure during magnetopause crossings at geosynchronous orbit. Advances in Space Research, 1998, 22, 63-66.	1.2	20
50	Dependence of polar cap size on interplanetary parameters according to CORONAS-I data. Advances in Space Research, 1998, 22, 1323-1326.	1.2	2
51	An Empirical Model of the Magnetopause for Broad Ranges of Solar Wind Pressure and BZ IMF. , 1998, , 51-61.		43
52	Coronal mass ejections as a possible source of energetic electrons in interplanetary space. Radiophysics and Quantum Electronics, 1996, 39, 944-947.	0.1	1
53	Solar wind control of the magnetopause shape and location. Radiation Measurements, 1996, 26, 413-415.	0.7	12