

Suvorova A V

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53
papers

781
citations

17
h-index

26
g-index

54
ext. papers

867
ext. citations

1.9
avg, IF

3.96
L-index

36	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	2.6	32
35	Magnetopause inflation under radial IMF: Comparison of models. <i>Earth and Space Science</i> , 2015 , 2, 107-114		17
34	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	2.6	20
33	Energetic Electron Enhancements below the Radiation Belt and X-Ray Contamination at Low-Orbiting Satellites. <i>Journal of Astrophysics</i> , 2014 , 2014, 1-5		1
32	Low-latitude ionospheric effects of energetic electrons during a recurrent magnetic storm. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 9283-9302	2.6	17
31	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	2.6	26
30	The Shape of Strongly Disturbed Dayside Magnetopause. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2013 , 24, 225	1.8	2
29	TEC Enhancement due to Energetic Electrons Above Taiwan and the West Pacific. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2013 , 24, 213	1.8	2
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	2	13
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, n/a-n/a		36
26	Equatorial trench at the magnetopause under saturation. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		4
25	Algebra and statistics of the solar wind. <i>Cosmic Research</i> , 2010 , 48, 113-128	0.6	27
24	Thin magnetosheath as a consequence of the magnetopause deformation: THEMIS observations. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		24
23	Magnetopause expansions for quasi-radial interplanetary magnetic field: THEMIS and Geotail observations. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		60
22	Lognormal, Normal and Other Distributions Produced by Algebraic Operations in the Solar Wind 2010 ,		4
21	Anomalous magnetosheath flows and distorted subsolar magnetopause for radial interplanetary magnetic fields. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	67
20	Necessary conditions for geosynchronous magnetopause crossings. <i>Journal of Geophysical Research</i> , 2005 , 110,		31
19	Geosynchronous magnetopause crossings on 29B1 October 2003. <i>Journal of Geophysical Research</i> , 2005 , 110,		19

18	Indirect estimation of the solar wind conditions in 29 th October 2003. <i>Journal of Geophysical Research</i> , 2005 , 110,		10
17	Comparison of heliospheric conditions near the earth during four recent solar maxima. <i>Advances in Space Research</i> , 2005 , 36, 2339-2344	2.4	2
16	Solar and Heliospheric Phenomena in October-November 2003: Causes and Effects. <i>Cosmic Research</i> , 2004 , 42, 435-488	0.6	71
15	Geosynchronous magnetopause crossings on October 29 th , 2003. <i>Cosmic Research</i> , 2004 , 42, 551-560	0.6	1
14	Dawn-dusk asymmetry of geosynchronous magnetopause crossings. <i>Journal of Geophysical Research</i> , 2004 , 109,		30
13	Expected hysteresis of the 23-rd solar cycle in the heliosphere. <i>Advances in Space Research</i> , 2002 , 29, 475-479	2.4	9
12	Plasma and Magnetic Fields in the Heliosphere at the Growth Phase of Solar Cycle 23: Comparison with Previous Cycles. <i>Solar System Research</i> , 2001 , 35, 238-242	0.8	
11	Coronal imprints in the heliospheric plasma and magnetic fields at the Earth's orbit during the last three solar minima. <i>Advances in Space Research</i> , 2000 , 25, 1965-1968	2.4	0
10	Solar wind variation with the cycle. <i>Journal of Astrophysics and Astronomy</i> , 2000 , 21, 423-429	1.4	6
9	Solar wind and interplanetary magnetic field parameters at the Earth's orbit during three solar cycles. <i>Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science</i> , 2000 , 25, 125-128		0
8	Artificial neural network model of the dayside magnetopause: Physical consequences. <i>Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science</i> , 2000 , 25, 169-172		1
7	Three-dimensional artificial neural network model of the dayside magnetopause. <i>Journal of Geophysical Research</i> , 2000 , 105, 18909-18918		31
6	Dayside magnetopause models. <i>Radiation Measurements</i> , 1999 , 30, 687-692	1.5	17
5	Solar wind magnetic field and pressure during magnetopause crossings at geosynchronous orbit. <i>Advances in Space Research</i> , 1998 , 22, 63-66	2.4	20
4	Dependence of polar cap size on interplanetary parameters according to CORONAS-14 data. <i>Advances in Space Research</i> , 1998 , 22, 1323-1326	2.4	1
3	An Empirical Model of the Magnetopause for Broad Ranges of Solar Wind Pressure and BZ IMF 1998 , 51-61		38
2	Coronal mass ejections as a possible source of energetic electrons in interplanetary space. <i>Radiophysics and Quantum Electronics</i> , 1996 , 39, 944-947	0.7	
1	Solar wind control of the magnetopause shape and location. <i>Radiation Measurements</i> , 1996 , 26, 413-415	1.5	12

