YuI Yermolaev

List of Publications by Year
in descending order

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38	744	566801 15	525886 27
papers	citations	h-index	g-index

51	51	51	493
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	What Solarâ€“Terrestrial Link Researchers Should Know about Interplanetary Drivers. Universe, 2021, 7, 138.	0.9	19
2	Drop of Solar Wind at the End of the 20th Century. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029618.	0.8	18
3	Variations of flow direction in solar wind streams of different types. SolneÄno-zemnaÃ¢ Fizika, 2021, , 10-17.	0.2	0
4	Variations of flow direction in solar wind streams of different types. SolneÄno-zemnaÃ¢ Fizika, 2021, , 10-18.	0.1	0
5	Dynamics of Largeâ€Scale Solarâ€Wind Streams Obtained by the Double Superposed Epoch Analysis: 4. Helium Abundance. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA027878.	0.8	10
6	Dynamics of Plasma Turbulence at Earthâ€™s Bow Shock and through the Magnetosheath. Astrophysical Journal, 2020, 901, 30.	1.6	7
7	Fine Structure of Interplanetary Shock Frontâ€”Results from BMSW Experiment with High Time Resolution. Journal of Geophysical Research: Space Physics, 2019, 124, 8191-8207.	0.8	2
8	Geoeffectiveness of Solar and Interplanetary Structures and Generation of Strong Geomagnetic Storms. , 2018, , 99-113.		4
9	Influence of coronal mass ejections on parameters of high-speed solar wind: a case study. Journal of Space Weather and Space Climate, 2018, 8, A28.	1.1	9
10	Statistical Study of the Effect of Different Solar Wind Types on Magnetic Storm Generation During 1995â€“2016. Geomagnetism and Aeronomy, 2018, 58, 737-743.	0.2	5
11	Dynamics of Large-Scale Solar-Wind Streams Obtained by the Double Superposed Epoch Analysis: 3. Deflection of the Velocity Vector. Solar Physics, 2018, 293, 1.	1.0	10
12	Geomagnetic storm forecasting service StormFocus: 5 years online. Journal of Space Weather and Space Climate, 2018, 8, A22.	1.1	9
13	Dynamics of Large-Scale Solar-Wind Streams Obtained by the Double Superposed Epoch Analysis: 2. Comparisons of CIRs vs. Sheaths and MCs vs. Ejecta. Solar Physics, 2017, 292, 1.	1.0	23
14	Some problems of identifying types of large-scale solar wind and their role in the physics of the magnetosphere. Cosmic Research, 2017, 55, 178-189.	0.2	16
15	Does magnetic storm generation depend on the solar wind type?. Geomagnetism and Aeronomy, 2017, 57, 512-518.	0.2	10
16	Dynamics of Large-Scale Solar-Wind Streams Obtained by the Double Superposed Epoch Analysis: 2. Comparisons of CIRs vs. Sheaths and MCs vs. Ejecta. , 2017, , 607-620.		0
17	Does the duration of the magnetic storm recovery phase depend on the development rate in its main phase? 2. A new method. Geomagnetism and Aeronomy, 2016, 56, 276-280.	0.2	4
18	Does the duration of the magnetic storm recovery phase depend on the storm development rate in its main phase?. Geomagnetism and Aeronomy, 2015, 55, 421-424.	0.2	3

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19	Predicted dependence of the cross polar cap potential saturation on the type of solar wind stream. Advances in Space Research, 2015, 56, 1366-1373.	1.2	8
20	Occurrence rate of extreme magnetic storms. Journal of Geophysical Research: Space Physics, 2013, 118, 4760-4765.	0.8	39
21	Recovery phase of magnetic storms induced by different interplanetary drivers. Journal of Geophysical Research, 2012, 117, .	3.3	10
22	Geoeffectiveness and efficiency of CIR, sheath, and ICME in generation of magnetic storms. Journal of Geophysical Research, 2012, 117, .	3.3	89
23	Statistical study of interplanetary condition effect on geomagnetic storms: 2. Variations of parameters. Cosmic Research, 2011, 49, 21-34.	0.2	12
24	Statistical study of interplanetary condition effect on geomagnetic storms. Cosmic Research, 2010, 48, 485-500.	0.2	17
25	Large-scale solar wind structures: occurrence rate and geoeffectiveness. , 2010, , .		10
26	The â€œFloorâ€•in the Interplanetary Magnetic Field: Estimation on the Basis of Relative Duration of ICME Observations in Solar Wind During 1976â€‰â€“â€‰2000. Solar Physics, 2009, 260, 219-224.	1.0	3
27	Catalog of large-scale solar wind phenomena during 1976â€“2000. Cosmic Research, 2009, 47, 81-94.	0.2	127
28	Does geomagnetic storm magnitude depend on solar flare importance?. Cosmic Research, 2009, 47, 460-465.	0.2	4
29	Solar wind parametersâ€™ behavior before and after magnetic storms. Journal of Atmospheric and Solar-Terrestrial Physics, 2008, 70, 384-390.	0.6	14
30	Magnetic storm of November, 2004: Solar, interplanetary, and magnetospheric disturbances. Journal of Atmospheric and Solar-Terrestrial Physics, 2008, 70, 334-341.	0.6	13
31	Comment on â€œInterplanetary origin of intense geomagnetic storms (Dst < â’100 nT) during solar cycle 23â€•by W. D. Gonzalez et al.. Geophysical Research Letters, 2008, 35, .	1.5	19
32	Statistical investigation of heliospheric conditions resulting in magnetic storms. Cosmic Research, 2007, 45, 1-8.	0.2	21
33	Statistic study on the geomagnetic storm effectiveness of solar and interplanetary events. Advances in Space Research, 2006, 37, 1175-1181.	1.2	54
34	Statistical studies of geomagnetic storm dependencies on solar and interplanetary events: a review. Planetary and Space Science, 2005, 53, 189-196.	0.9	76
35	Review of experimental results on geoeffectiveness of solar and interplanetary events. Proceedings of the International Astronomical Union, 2004, 2004, 567-568.	0.0	0
36	The interplanetary shock of September 24, 1998: Arrival at Earth. Journal of Geophysical Research, 2000, 105, 25143-25154.	3.3	42

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37	Helium abundance and dynamics in different types of solar wind streams: The Prognoz 7 observations. Journal of Geophysical Research, 1997, 102, 2125-2136.	3.3	20
38	Large-scale structure of solar wind and its relationship with solar corona: Prognoz 7 observations. Planetary and Space Science, 1991, 39, 1351-1361.	0.9	16