A V Belov

List of Publications by Year
in descending order

254 papers	3,705 citations	147726 31 h-index	189801 50 g-index
262 all docs	262 docs citations	262 times ranked	1779 citing authors

#	Article	IF	Citations
1	Recognition of Geomagnetic Storm Based on Neural Network Model Estimates of Dst Indices. Journal of Computer and Systems Sciences International, 2022, 61, 54-64.	0.2	1
2	Forbush decreases caused by paired interacting solar wind disturbances. Monthly Notices of the Royal Astronomical Society, 2022, 511, 5897-5908.	1.6	3
3	Precursory Signals of Forbush Decreases Not Connected with Shock Waves. Solar Physics, 2022, 297, 1.	1.0	2
4	Features of the Behavior of Time Parameters of Forbush Decreases Associated with Different Types of Solar and Interplanetary Sources. Geomagnetism and Aeronomy, 2022, 62, 17-31.	0.2	4
5	Estimating the Transit Speed and Time of Arrival of Interplanetary Coronal Mass Ejections Using CME and Solar Flare Data. Universe, 2022, 8, 327.	0.9	5
6	Similarities and Differences between Forbush Decreases Associated with Streams from Coronal Holes, Filament Ejections, and Ejections from Active Regions. Geomagnetism and Aeronomy, 2022, 62, 159-177.	0.2	4
7	On the Rigidity Spectrum of Cosmic-Ray Variations within Propagating Interplanetary Disturbances: Neutron Monitor and SOHO/EPHIN Observations at âˆ¼1â€“10 GV. Astrophysical Journal, 2021, 908, 5.	1.6	9
8	Radial evolution of the April 2020 stealth coronal mass ejection between 0.8 and 1 AU. Astronomy and Astrophysics, 2021, 656, A1.	2.1	15
9	Variations in the Cosmic Ray Flux at the End of Solar Cycle 24. Bulletin of the Russian Academy of Sciences: Physics, 2021, 85, 230-233.	0.1	0
10	An Unusual Decrease in the Intensity of Cosmic Rays in May 2019 during the Solar Minimum. Bulletin of the Russian Academy of Sciences: Physics, 2021, 85, 588-591.	0.1	0
11	Precursory Signs of Large Forbush Decreases. Solar Physics, 2021, 296, 1.	1.0	2
12	Behavior of High-Energy Magnetospheric Electrons in Solar Cycles 22â€“24. Bulletin of the Russian Academy of Sciences: Physics, 2021, 85, 904-906.	0.1	3
13	Experimental Spectrum of Cosmic Ray Variations in Earth Orbit, According to AMS-02 Data. Bulletin of the Russian Academy of Sciences: Physics, 2021, 85, 1042-1044.	0.1	1
14	Long-Term Modulation of Cosmic Rays in Solar Cycles 23â€“24. Bulletin of the Russian Academy of Sciences: Physics, 2021, 85, 1045-1048.	0.1	2
15	Using Data from a Ground-Based Network of Detectors and the PAMELA and AMS-02 Experiments to Compare Long-Term Variations in the Cosmic Ray Flux. Bulletin of the Russian Academy of Sciences: Physics, 2021, 85, 1039-1041.	0.1	2
16	Forbush Effects Created by Coronal Mass Ejections with Magnetic Clouds. Geomagnetism and Aeronomy, 2021, 61, 678-687.	0.2	7
17	Heliospheric Modulation of Cosmic Rays in the Era of Neutron Monitoring. Bulletin of the Russian Academy of Sciences: Physics, 2021, 85, 1052-1054.	0.1	0
18	Modulation Effectiveness of Coronal Mass Ejections with Different Structure of the Magnetic Field. Bulletin of the Russian Academy of Sciences: Physics, 2021, 85, 1183-1186.	0.1	0

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19	Large Scale Modulation: View from the Earth Points. Physics of Atomic Nuclei, 2021, 84, 1159-1170.	0.1	1
20	Influence of Interacting Solar Wind Disturbances on the Variations in Galactic Cosmic Rays. Geomagnetism and Aeronomy, 2021, 61, 792-800.	0.2	6
21	Solar Activity, Galactic Cosmic Ray Variations, and the Global Seismicity of the Earth. Geomagnetism and Aeronomy, 2021, 61, S36-S47.	0.2	2
22	Large Forbush Decreases and their Solar Sources: Features and Characteristics. Solar Physics, 2020, 295, 1.	1.0	3
23	Station-Ring Method in the Study of Cosmic-Ray Variations: 2. Examples of Its Use. Geomagnetism and Aeronomy, 2020, 60, 184-191.	0.2	2
24	Ring of Stations Method in Cosmic Rays Variations Research. Solar Physics, 2020, 295, 1.	1.0	15
25	Interplanetary Coronal Mass Ejections as the Driver of Non-recurrent Forbush Decreases. Astrophysical Journal, 2020, 890, 101.	1.6	22
26	Peculiar Solar Sources and Geospace Disturbances on 20â€“26 August 2018. Solar Physics, 2020, 295, 1.	1.0	25
27	Ring of Station Method in Research of Cosmic Ray Variations: 1. General Description. Geomagnetism and Aeronomy, 2020, 60, 38-45.	0.2	3
28	Behavior of the Speed and Temperature of the Solar Wind during Interplanetary Disturbances Creating Forbush Decreases. Geomagnetism and Aeronomy, 2020, 60, 521-529.	0.2	7
29	Solar wind temperatureâ€“velocity relationship over the last five solar cycles and Forbush decreases associated with different types of interplanetary disturbance. Monthly Notices of the Royal Astronomical Society, 2020, 500, 2786-2797.	1.6	8
30	High-Energy Magnetospheric Electrons and Different Types of Disturbances of the Interplanetary Medium. Bulletin of the Russian Academy of Sciences: Physics, 2019, 83, 579-581.	0.1	1
31	Long-Term Trends in Forbush Decrease Activity over the Last Six Solar Cycles. Bulletin of the Russian Academy of Sciences: Physics, 2019, 83, 566-568.	0.1	0
32	Database capabilities for studying Forbush-effects and interplanetary disturbances. Journal of Physics: Conference Series, 2019, 1181, 012062.	0.3	4
33	A Catalogue of Forbush Decreases Recorded on the Surface of Mars from 2012 Until 2016: Comparison with Terrestrial FDs. Solar Physics, 2019, 294, 1.	1.0	15
34	An Extended Study of the Precursory Signs of Forbush Decreases: New Findings over the Years 2008â€‰â€“â€‰2016. Solar Physics, 2019, 294, 1.	1.0	10
35	On recurrent Forbush Decreases. Journal of Physics: Conference Series, 2019, 1181, 012009.	0.3	2
36	The rigidity spectrum of the long-term cosmic ray variations during solar activity cycles 19â€“24. Journal of Physics: Conference Series, 2019, 1181, 012007.	0.3	4

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37	Planetary long term changes of the cosmic ray geomagnetic cut off rigidities. Journal of Physics: Conference Series, 2019, 1181, 012008.	0.3	3
38	Long-term stability of the neutron monitors global network for overall monitoring period. Journal of Physics: Conference Series, 2019, 1181, 012063.	0.3	1
39	Onset Time of the GLE 72 Observed at Neutron Monitors and its Relation to Electromagnetic Emissions. Solar Physics, 2019, 294, 1.	1.0	13
40	Impact of Different Types of Interplanetary Medium Disturbances of High-Energy Electrons on the Geostationary Orbit. Geomagnetism and Aeronomy, 2019, 59, 878-884.	0.2	1
41	Size Distribution of Forbush Effects. Geomagnetism and Aeronomy, 2018, 58, 809-816.	0.2	1
42	Long-Term Changes in Vertical Geomagnetic Cutoff Rigidities of Cosmic Rays. Physics of Atomic Nuclei, 2018, 81, 1382-1389.	0.1	5
43	Solar Eruptions, Forbush Decreases, and Geomagnetic Disturbances From Outstanding Active Region 12673. Space Weather, 2018, 16, 1549-1560.	1.3	23
44	Global Survey Method for the World Network of Neutron Monitors. Geomagnetism and Aeronomy, 2018, 58, 356-372.	0.2	52
45	Long-Term Changes in the Number and Magnitude of Forbush-Effects. Geomagnetism and Aeronomy, 2018, 58, 615-624.	0.2	10
46	Cosmic Rays near Proxima Centauri b. Astronomy Letters, 2018, 44, 324-330.	0.1	13
47	Nowcasting Solar Energetic Particle Events Using Principal Component Analysis. Solar Physics, 2018, 293, 1.	1.0	24
48	Index of the Long-Term Influence of Sporadic Solar Activity on Cosmic Ray Modulation. Geomagnetism and Aeronomy, 2018, 58, 1-8.	0.2	6
49	The Global Survey Method Applied to Ground-level Cosmic Ray Measurements. Solar Physics, 2018, 293, 1.	1.0	54
50	Main Properties of Forbush Effects Related to High-Speed Streams from Coronal Holes. Geomagnetism and Aeronomy, 2018, 58, 154-168.	0.2	30
51	The Evolutionary-Genetic Basis of Structural-Cenotic Diversity of Modern Vegetation in Prebaikalia. Geography and Natural Resources, 2018, 39, 46-54.	0.1	2
52	Parameters of the Geomagnetic Activity, Thermosphere, and Ionosphere for the Ultimately Intense Magnetic Storm. Geomagnetism and Aeronomy, 2018, 58, 501-508.	0.2	0
53	Power Law Distribution of Forbush Decrease Magnitude. Research Notes of the AAS, 2018, 2, 49.	0.3	0
54	Specific features of the rigidity spectrum of Forbush effects. Geomagnetism and Aeronomy, 2017, 57, 177-189.	0.2	8

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55	Ultimate ground level enhancements of solar cosmic ray intensity. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 124-127.	0.1	2
56	Cosmic-ray vector anisotropy and local characteristics of the interplanetary medium. Geomagnetism and Aeronomy, 2017, 57, 389-397.	0.2	8
57	Long- and Mid-Term Variations of the Soft X-ray Flare Type in Solar Cycles. Solar Physics, 2017, 292, 1.	1.0	2
58	Geobotanical forecasting in the nature management ecological optimization in Baikalian Siberia. Geography and Natural Resources, 2017, 38, 38-45.	0.1	3
59	Characteristic behavior of high-energy magnetospheric electrons from 1987 to 2007. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 211-214.	0.1	3
60	Contributions from changes in various solar indices in cycles 20â€“23 and 24 to the modulation of cosmic rays. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 146-150.	0.1	7
61	Flares, ejections, proton events. Geomagnetism and Aeronomy, 2017, 57, 727-737.	0.2	25
62	Vector anisotropy of cosmic rays in the beginning of Forbush effects. Geomagnetism and Aeronomy, 2017, 57, 541-548.	0.2	6
63	Vegetation as a factor in the system of natural environment preservation of Prebaikalia. Geography and Natural Resources, 2017, 38, 341-348.	0.1	2
64	Space Weather Forecasting at IZMIRAN. Geomagnetism and Aeronomy, 2017, 57, 869-876.	0.2	8
65	Behavior of the cosmic ray density during the initial phase of the Forbush effect. Geomagnetism and Aeronomy, 2016, 56, 645-651.	0.2	6
66	Magnetospheric effects of cosmic rays. 1. Long-term changes in the geomagnetic cutoff rigidities for the stations of the global network of neutron monitors. Geomagnetism and Aeronomy, 2016, 56, 381-392.	0.2	10
67	Improving the efficiency of solving discrete optimization problems: The case of VRP. Journal of Physics: Conference Series, 2016, 681, 012050.	0.3	2
68	Coronal holes in the long-term modulation of cosmic rays. Geomagnetism and Aeronomy, 2016, 56, 257-263.	0.2	7
69	Solar Activity Parameters and Associated Forbush Decreases During the Minimum Between Cycles 23 and 24 and the Ascending Phase of Cycle 24. Solar Physics, 2016, 291, 1025-1041.	1.0	59
70	Possible ground level enhancements at the beginning of the maximum of Solar Cycle 24. Journal of Physics: Conference Series, 2015, 632, 012063.	0.3	5
71	Annual variation in and heliolatitude dependence of cosmic ray density. Bulletin of the Russian Academy of Sciences: Physics, 2015, 79, 618-621.	0.1	1
72	Modeling variations in CR density in magnetic clouds. Bulletin of the Russian Academy of Sciences: Physics, 2015, 79, 637-639.	0.1	1

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73	Role of vegetation of Prebaikalia in the formation of the natural environmental quality. Geography and Natural Resources, 2015, 36, 139-145.	0.1	1
74	Annual variations of cosmic rays in the 24th solar cycle. Bulletin of the Russian Academy of Sciences: Physics, 2015, 79, 622-626.	0.1	4
75	Recurrent and sporadic Forbush-effects in deep solar minimum. Journal of Physics: Conference Series, 2015, 632, 012062.	0.3	8
76	Phase distribution of the first harmonic of the cosmic ray anisotropy during the initial phase of Forbush effects. Journal of Physics: Conference Series, 2015, 632, 012044.	0.3	5
77	Derivation of relativistic SEP properties through neutron monitor data modeling. Journal of Physics: Conference Series, 2015, 632, 012076.	0.3	2
78	Modeling the behavior of the cosmic ray density in magnetic clouds. Journal of Physics: Conference Series, 2015, 632, 012051.	0.3	1
79	Density variations of galactic cosmic rays in magnetic clouds. Geomagnetism and Aeronomy, 2015, 55, 430-441.	0.2	2
80	Analyzing the temperature effect of high mountain cosmic ray detectors using the database of the global network of muon telescopes. Bulletin of the Russian Academy of Sciences: Physics, 2015, 79, 662-666.	0.1	4
81	A Simple Way to Estimate the Soft X-ray Class of Far-Side Solar Flares Observed with STEREO/EUVI. Solar Physics, 2015, 290, 1947-1961.	1.0	12
82	Possible ground level enhancements of solar cosmic rays in 2012. Bulletin of the Russian Academy of Sciences: Physics, 2015, 79, 561-565.	0.1	8
83	The Solar Polar Field in the Cosmic-Ray Intensity Modulation. Journal of Physics: Conference Series, 2015, 632, 012074.	0.3	3
84	Galactic Cosmic Ray Density Variations in Magnetic Clouds. Solar Physics, 2015, 290, 1429-1444.	1.0	49
85	Relationship Between the Magnetic Flux of Solar Eruptions and the Ap Index of Geomagnetic Storms. Solar Physics, 2015, 290, 627-633.	1.0	9
86	A Challenging Solar Eruptive Event of 18 November 2003 and the Causes of the 20 November Geomagnetic Superstorm. IV. Unusual Magnetic Cloud and Overall Scenario. Solar Physics, 2014, 289, 4653-4673.	1.0	19
87	The ecological potential of vegetation as a factor of nature management in Baikalian Siberia. Geography and Natural Resources, 2014, 35, 229-235.	0.1	4
88	Cosmic ray modulation during the solar activity growth phase of cycle 24. Geomagnetism and Aeronomy, 2014, 54, 430-436.	0.2	14
89	Coronal Mass Ejections and Non-recurrent Forbush Decreases. Solar Physics, 2014, 289, 3949-3960.	1.0	74
90	Simulation of Electromagnetic Transients in ITER Thermal Shield Manifolds. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-4.	1.1	1

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91	Magnetic properties of Fe â€“ Nd â€“ B sintered permanent magnets obtained by the method of strip casting. Metal Science and Heat Treatment, 2013, 55, 92-95.	0.2	1
92	Determining the instant of acceleration of protons responsible for the onset of ground-level enhancements of solar cosmic rays. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 483-486.	0.1	0
93	Spectrum of long-term cosmic ray variations during the sunspot minimum in 2009. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 513-516.	0.1	4
94	Forbush decreases in the 19th solar cycle. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 535-537.	0.1	1
95	Relationship between Forbush effect parameters and the heliolongitude of solar sources. Geomagnetism and Aeronomy, 2013, 53, 10-18.	0.2	15
96	Forbush Decreases Associated with Western Solar Sources and Geomagnetic Storms: A Study on Precursors. Solar Physics, 2013, 283, 557-563.	1.0	17
97	Efficient approach to simulate EM loads on massive structures in ITER machine. Fusion Engineering and Design, 2013, 88, 1908-1911.	1.0	5
98	Computational models for electromagnetic transients in ITER vacuum vessel, cryostat and thermal shield. Fusion Engineering and Design, 2013, 88, 1904-1907.	1.0	3
99	Coronal mass ejections in July 2005 and an unusual heliospheric event. Cosmic Research, 2013, 51, 326-334.	0.2	3
100	Long-period variations in the amplitude-phase interrelation of the first cosmic ray anisotropy harmonic. Geomagnetism and Aeronomy, 2013, 53, 561-570.	0.2	7
101	Magnetic Flux of EUV Arcade and Dimming Regions as a Relevant Parameter for Early Diagnostics of Solar Eruptions â€“ Sources of Non-recurrent Geomagnetic Storms and Forbush Decreases. Solar Physics, 2013, 282, 175-199.	1.0	25
102	Use of free-falling stream of melt for making nanocrystalline magnetically hard Fe â€“ Nd â€“ B materials. Metal Science and Heat Treatment, 2013, 55, 87-91.	0.2	0
103	Online application for the barometric coefficient calculation of the NMDB stations. New Astronomy, 2013, 19, 10-18.	0.8	13
104	Procedure to emend neutron monitor data that are affected by snow accumulations on and around the detector housing. Journal of Geophysical Research: Space Physics, 2013, 118, 6852-6857.	0.8	9
105	Forbush-decreases in 19th solar cycle. Journal of Physics: Conference Series, 2013, 409, 012165.	0.3	7
106	An online application for the barometric coefficient calculation of NMDB stations. Journal of Physics: Conference Series, 2013, 409, 012179.	0.3	0
107	Dependence of Forbush-decrease characteristics on parameters of solar eruptions. Journal of Physics: Conference Series, 2013, 409, 012150.	0.3	5
108	Determination of Acceleration Time of Protons Responsible for the GLE Onset. Journal of Physics: Conference Series, 2013, 409, 012151.	0.3	6

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109	Magnetospheric cut-off rigidity variations recorded by neutron monitors in the events from 2001 to 2010. Journal of Physics: Conference Series, 2013, 409, 012201.	0.3	1
110	Long term variations of the amplitude-phase interrelation of the cosmic ray anisotropy first harmonic. Journal of Physics: Conference Series, 2013, 409, 012163.	0.3	0
111	Cosmic ray events in the beginning of 2012. Journal of Physics: Conference Series, 2013, 409, 012206.	0.3	2
112	The observed spectrum of long-term cosmic ray variations in minimum solar activity 2009. Journal of Physics: Conference Series, 2013, 409, 012169.	0.3	1
113	Influence of high-speed streams from coronal holes on cosmic ray intensity in 2007. Journal of Physics: Conference Series, 2013, 409, 012181.	0.3	7
114	Forecasting Geomagnetic Conditions in near-Earth space. Journal of Physics: Conference Series, 2013, 409, 012197.	0.3	6
115	Precursors of Forbush decreases connected to western solar sources and geomagnetic storms. Journal of Physics: Conference Series, 2013, 409, 012182.	0.3	0
116	The first Forbush decrease of solar cycle 24. Journal of Physics: Conference Series, 2013, 409, 012202.	0.3	11
117	SIZE DISTRIBUTIONS OF SOLAR FLARES AND SOLAR ENERGETIC PARTICLE EVENTS. Astrophysical Journal Letters, 2012, 756, L29.	3.0	56
118	Prospects of the use of methods of super fast hardening of liquid metal in the production of nanocrystalline magnets based on Fe â€“ Nd â€“ B. Metal Science and Heat Treatment, 2012, 54, 330-333.	0.2	2
119	The Asymptotic Longitudinal Cosmic Ray Intensity Distribution as a Precursor of Forbush Decreases. Solar Physics, 2012, 280, 641-650.	1.0	18
120	Galactic Cosmic Ray Modulation and the Last Solar Minimum. Solar Physics, 2012, 280, 255-271.	1.0	35
121	Global computational models for analysis of electromagnetic transients to support ITER tokamak design and optimization. Fusion Engineering and Design, 2012, 87, 1519-1532.	1.0	13
122	Some aspects of ecological risks of nature management in southern Baikalian Siberia. Geography and Natural Resources, 2012, 33, 312-318.	0.1	2
123	Forbush effects with a sudden and gradual onset. Geomagnetism and Aeronomy, 2012, 52, 292-299.	0.2	33
124	Extrema of long-term modulation of the cosmic ray intensity in the last five solar cycles. Geomagnetism and Aeronomy, 2012, 52, 438-444.	0.2	9
125	Precursor Effects in Different Cases of Forbush Decreases. Solar Physics, 2012, 276, 337-350.	1.0	35
126	Specification of asymmetric VDE loads of the ITER tokamak. Fusion Engineering and Design, 2011, 86, 1915-1919.	1.0	40

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127	Effect of snow in cosmic ray variations and methods for taking it into consideration. Geomagnetism and Aeronomy, 2011, 51, 247-253.	0.2	6
128	Natural stability of vegetation in geosystems of southern Middle Siberia. Geography and Natural Resources, 2011, 32, 108-118.	0.1	4
129	First results of reconstruction of the environment in the Holocene on the Lena-Angara plateau (Eastern Siberia). Doklady Earth Sciences, 2011, 440, 1435-1439.	0.2	2
130	Temperature effect of the muon component and practical questions for considering it in real time. Bulletin of the Russian Academy of Sciences: Physics, 2011, 75, 820-824.	0.1	21
131	Dependence of Forbush-decrease magnitudes on parameters of solar eruptions. Bulletin of the Russian Academy of Sciences: Physics, 2011, 75, 796-798.	0.1	7
132	Investigating the influence of a Forbush decrease on the detected flux of high-energy muons. Bulletin of the Russian Academy of Sciences: Physics, 2011, 75, 799-800.	0.1	1
133	Use of modern domestically produced equipment in glassmaking practice. Glass and Ceramics (English) Tj ETQq1 1 0.784314 rgBT /Ove	0.2	0
134	Intense Ground-Level Enhancements of Solar Cosmic Rays During the Last Solar Cycles. Solar Physics, 2011, 269, 155-168.	1.0	29
135	Applications and usage of the real-time Neutron Monitor Database. Advances in Space Research, 2011, 47, 2210-2222.	1.2	105
136	Solar activity and the associated ground level enhancements of solar cosmic rays during solar cycle 23. Astrophysics and Space Sciences Transactions, 2011, 7, 439-443.	1.0	13
137	Variations of CMEs Properties during the Different Phases of the Solar Cycle 23. , 2010, , .		2
138	On the ground level enhancement beginning. Astronomy Letters, 2010, 36, 520-530.	0.1	10
139	Effects of strong geomagnetic storms on Northern railways in Russia. Advances in Space Research, 2010, 46, 1102-1110.	1.2	53
140	A New Version of the Neutron Monitor Based Anisotropic GLE Model: Application to GLE60. Solar Physics, 2010, 264, 239-254.	1.0	16
141	On the Analysis of the Complex Forbush Decreases ofÂJanuaryÂ2005. Solar Physics, 2010, 266, 181-193.	1.0	35
142	Relationships between neutron fluxes and rain flows. Advances in Space Research, 2010, 46, 637-641.	1.2	8
143	Implementation of the ground level enhancement alert software at NMDB database. New Astronomy, 2010, 15, 744-748.	0.8	19
144	Ground level enhancements of solar cosmic rays during the last three solar cycles. Geomagnetism and Aeronomy, 2010, 50, 21-33.	0.2	45

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145	Long-term modulation of galactic cosmic rays at solar activity minimums. Geomagnetism and Aeronomy, 2010, 50, 436-442.	0.2	2
146	The burst of solar and geomagnetic activity in Augustâ€“September 2005. Annales Geophysicae, 2009, 27, 1019-1026.	0.6	20
147	Dynamic response of the ITER vacuum vessel to electromagnetic loads during VDEs. , 2009, , .		1
148	Stray magnetic field produced by ITER tokamak complex. Plasma Devices and Operations, 2009, 17, 230-237.	0.6	7
149	Modeling the solar cosmic ray event of 13 December 2006 using ground level neutron monitor data. Advances in Space Research, 2009, 43, 474-479.	1.2	26
150	The role of cyclic solar magnetic field variations in the long-term cosmic ray modulation. Advances in Space Research, 2009, 43, 673-679.	1.2	2
151	Russian ground-level detectors of cosmic ray observations as a part of the world wide network: History and development. Advances in Space Research, 2009, 44, 1207-1214.	1.2	0
152	Anomalously low solar and geomagnetic activities in 2007. Geomagnetism and Aeronomy, 2009, 49, 566-573.	0.2	5
153	Properties of solar X-ray flares and proton event forecasting. Advances in Space Research, 2009, 43, 467-473.	1.2	29
154	Interactive database of cosmic ray anisotropy (DB-A10). Advances in Space Research, 2009, 43, 708-716.	1.2	26
155	Solar proton enhancements in different energy channels and coronal mass ejections during the last solar cycle. Advances in Space Research, 2009, 43, 687-693.	1.2	7
156	The unusual cosmic ray variations in July 2005 resulted from western and behind the limb solar activity. Advances in Space Research, 2009, 43, 582-588.	1.2	14
157	Neutron monitor asymptotic directions of viewing during the event of 13 December 2006. Advances in Space Research, 2009, 43, 518-522.	1.2	12
158	Real-time GLE alert in the ANMODAP Center for December 13, 2006. Advances in Space Research, 2009, 43, 728-734.	1.2	19
159	Behavior of the cosmic-ray vector anisotropy before interplanetary shocks. Bulletin of the Russian Academy of Sciences: Physics, 2009, 73, 331-333.	0.1	12
160	About the role of the Sun magnetic field characteristics in the long-term galactic cosmic rays modulation. Bulletin of the Russian Academy of Sciences: Physics, 2009, 73, 334-336.	0.1	0
161	An Extreme Solar Event of 20 January 2005: PropertiesÂof the Flare and the Origin of Energetic Particles. Solar Physics, 2008, 252, 149-177.	1.0	94
162	Connection of Forbush effects to the X-ray flares. Journal of Atmospheric and Solar-Terrestrial Physics, 2008, 70, 342-350.	0.6	11

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163	Manifestations of cyclic variations in the solar magnetic field in long-term modulation of cosmic rays. Geomagnetism and Aeronomy, 2008, 48, 571-577.	0.2	9
164	3D Field Simulation of Complex Systems With Permanent Magnets and Excitation Coils. IEEE Transactions on Applied Superconductivity, 2008, 18, 1609-1612.	1.1	7
165	Vegetation stability in the system of geobotanical forecasting. Geography and Natural Resources, 2008, 29, 124-131.	0.1	12
166	Evolutionary dynamical mapping of Siberia's vegetation for forecasting purposes. Geography and Natural Resources, 2008, 29, 9-17.	0.1	4
167	Computation technology based on KOMPOT and KLONDIKE codes for magnetostatic simulations in tokamaks. Plasma Devices and Operations, 2008, 16, 89-103.	0.6	15
168	Forbush effects and their connection with solar, interplanetary and geomagnetic phenomena. Proceedings of the International Astronomical Union, 2008, 4, 439-450.	0.0	90
169	Anomalous Forbush effects from sources far from Sun center. Proceedings of the International Astronomical Union, 2008, 4, 451-456.	0.0	0
170	GLEs as a Warning Tool for Radiation Effects on Electronics and Systems: A New Alert System Based on Real-Time Neutron Monitors. IEEE Transactions on Nuclear Science, 2007, 54, 1082-1088.	1.2	10
171	Cosmic Ray Radiation Effects on Space Environment Associated to Intense Solar and Geomagnetic Activity. IEEE Transactions on Nuclear Science, 2007, 54, 1089-1096.	1.2	14
172	Effects of Strong Geomagnetic Storms on Northern Railways in Russia. , 2007, , .		8
173	Numerical Simulations of Transient Electromagnetic Processes for ITER Thermal Shield Design. , 2007, , .		1
174	Modeling ground level enhancements: Event of 20 January 2005. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	79
175	Estimation of long-term stability of detectors within the global network of neutron monitors. Geomagnetism and Aeronomy, 2007, 47, 251-255.	0.2	8
176	Sources of efficient acceleration of solar flare particles: Observational aspects. Astronomy Reports, 2007, 51, 577-587.	0.2	1
177	Simulation of the modulation of galactic cosmic rays during solar activity cycles 21â€“23. Bulletin of the Russian Academy of Sciences: Physics, 2007, 71, 974-976.	0.1	7
178	Relationship between Forbush effects and X-ray flares. Bulletin of the Russian Academy of Sciences: Physics, 2007, 71, 988-990.	0.1	2
179	Peak-Size Distributions of Proton Fluxes and Associated Soft X-Ray Flares. Solar Physics, 2007, 246, 457-470.	1.0	42
180	Correlation between the near-Earth solar wind parameters and the source surface magnetic field. Geomagnetism and Aeronomy, 2006, 46, 430-437.	0.2	16

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181	Spacecraft operational anomalies and space weather impact hazards. Advances in Space Research, 2006, 37, 184-190.	1.2	19
182	Space weather prediction by cosmic rays. Advances in Space Research, 2006, 37, 1141-1147.	1.2	26
183	Long-term variations of galactic cosmic rays in the past and future from observations of various solar activity characteristics. Journal of Atmospheric and Solar-Terrestrial Physics, 2006, 68, 1161-1166.	0.6	16
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