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	Space weather conditions and spacecraft anomalies in different orbits. Space Weather, 2005, 3, n/a-n/a.	1.3	116
2	Applications and usage of the real-time Neutron Monitor Database. Advances in Space Research, 2011, 47, 2210-2222.	1.2	105
3	Magnetospheric effects in cosmic rays during the unique magnetic storm on November 2003. Journal of Geophysical Research, 2005, 110, .	3.3	101
4	Evidence for prolonged acceleration based on a detailed analysis of the long-duration solar gamma-ray flare of June 15, 1991. Solar Physics, 1996, 166, 107-134.	1.0	96
5	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
6	What determines the magnitude of forbush decreases?. Advances in Space Research, 2001, 27, 625-630.	1.2	93
7	Proton Enhancements and Their Relation to the X-Ray Flares During the Three Last Solar Cycles. Solar Physics, 2005, 229, 135-159.	1.0	93
8	Cosmic Rays in Relation to Space Weather. Space Science Reviews, 2000, 93, 153-174.	3.7	90
9	Forbush effects and their connection with solar, interplanetary and geomagnetic phenomena. Proceedings of the International Astronomical Union, 2008, 4, 439-450.	0.0	90
10	Solar and Heliospheric Phenomena in Octoberâ€“November 2003: Causes and Effects. Cosmic Research, 2004, 42, 435-488.	0.2	87
11	Large Scale Modulation: View From the Earth. Space Science Reviews, 2000, 93, 79-105.	3.7	82
12	Modeling ground level enhancements: Event of 20 January 2005. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	79
13	Coronal Mass Ejections and Non-recurrent Forbush Decreases. Solar Physics, 2014, 289, 3949-3960.	1.0	74
14	Design and co-Ordination of Multi-Station International Neutron Monitor Networks. Space Science Reviews, 2000, 93, 285-303.	3.7	72
15	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
16	SIZE DISTRIBUTIONS OF SOLAR FLARES AND SOLAR ENERGETIC PARTICLE EVENTS. Astrophysical Journal Letters, 2012, 756, L29.	3.0	56
17	The Global Survey Method Applied to Ground-level Cosmic Ray Measurements. Solar Physics, 2018, 293, 1.	1.0	54
18	Statistical analysis of solar proton events. Annales Geophysicae, 2004, 22, 2255-2271.	0.6	53

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19	Magnetic Storms in October 2003. Cosmic Research, 2004, 42, 489-535.	0.2	53
20	Effects of strong geomagnetic storms on Northern railways in Russia. Advances in Space Research, 2010, 46, 1102-1110.	1.2	53
21	Global Survey Method for the World Network of Neutron Monitors. Geomagnetism and Aeronomy, 2018, 58, 356-372.	0.2	52
22	Galactic Cosmic Ray Density Variations in Magnetic Clouds. Solar Physics, 2015, 290, 1429-1444.	1.0	49
23	Ground level enhancements of solar cosmic rays during the last three solar cycles. Geomagnetism and Aeronomy, 2010, 50, 21-33.	0.2	45
24	Peak-Size Distributions of Proton Fluxes and Associated Soft X-Ray Flares. Solar Physics, 2007, 246, 457-470.	1.0	42
25	Specification of asymmetric VDE loads of the ITER tokamak. Fusion Engineering and Design, 2011, 86, 1915-1919.	1.0	40
26	Cosmic ray anisotropy before and during the passage of major solar wind disturbances. Advances in Space Research, 2003, 31, 919-924.	1.2	37
27	On the Analysis of the Complex Forbush Decreases ofÂJanuaryÂ2005. Solar Physics, 2010, 266, 181-193.	1.0	35
28	Galactic Cosmic Ray Modulation and the Last Solar Minimum. Solar Physics, 2012, 280, 255-271.	1.0	35
29	Precursor Effects in Different Cases of Forbush Decreases. Solar Physics, 2012, 276, 337-350.	1.0	35
30	Monitoring and Forecasting of Great Solar Proton Events Using the Neutron Monitor Network in Real Time. IEEE Transactions on Plasma Science, 2004, 32, 1478-1488.	0.6	33
31	Forbush effects with a sudden and gradual onset. Geomagnetism and Aeronomy, 2012, 52, 292-299.	0.2	33
32	Main Properties of Forbush Effects Related to High-Speed Streams from Coronal Holes. Geomagnetism and Aeronomy, 2018, 58, 154-168.	0.2	30
33	Properties of solar X-ray flares and proton event forecasting. Advances in Space Research, 2009, 43, 467-473.	1.2	29
34	Intense Ground-Level Enhancements of Solar Cosmic Rays During the Last Solar Cycles. Solar Physics, 2011, 269, 155-168.	1.0	29
35	Effect of core glass composition on the optical properties of active fibers. Inorganic Materials, 2005, 41, 434-437.	0.2	26
36	Solar cosmic rays during the extremely high ground level enhancement on 23 February 1956. Annales Geophysicae, 2005, 23, 2281-2291.	0.6	26

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37	Space weather prediction by cosmic rays. Advances in Space Research, 2006, 37, 1141-1147.	1.2	26
38	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
39	Interactive database of cosmic ray anisotropy (DB-A10). Advances in Space Research, 2009, 43, 708-716.	1.2	26
40	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
41	Flares, ejections, proton events. Geomagnetism and Aeronomy, 2017, 57, 727-737.	0.2	25
42	Peculiar Solar Sources and Geospace Disturbances on 20â€"26 August 2018. Solar Physics, 2020, 295, 1.	1.0	25
43	Nowcasting Solar Energetic Particle Events Using Principal Component Analysis. Solar Physics, 2018, 293, 1.	1.0	24
44	A study of the ground level enhancement of 23 February 1956. Advances in Space Research, 2005, 35, 697-701.	1.2	23
45	Statistical Correlation of the Rate of Failures on Geosynchronous Satellites with Fluxes of Energetic Electrons and Protons. Cosmic Research, 2005, 43, 179-185.	0.2	23
46	Solar Eruptions, Forbush Decreases, and Geomagnetic Disturbances From Outstanding Active Region 12673. Space Weather, 2018, 16, 1549-1560.	1.3	23
47	Interplanetary Coronal Mass Ejections as the Driver of Non-recurrent Forbush Decreases. Astrophysical Journal, 2020, 890, 101.	1.6	22
48	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
49	The burst of solar and geomagnetic activity in Augustâ€"September 2005. Annales Geophysicae, 2009, 27, 1019-1026.	0.6	20
50	Unexpected burst of solar activity recorded by neutron monitors during Octoberâ€"November 2003. Advances in Space Research, 2005, 35, 691-696.	1.2	19
51	Spacecraft operational anomalies and space weather impact hazards. Advances in Space Research, 2006, 37, 184-190.	1.2	19
52	Real-time GLE alert in the ANMODAP Center for December 13, 2006. Advances in Space Research, 2009, 43, 728-734.	1.2	19
53	Implementation of the ground level enhancement alert software at NMDB database. New Astronomy, 2010, 15, 744-748.	0.8	19
54	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

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55	Proton Events and X-ray Flares in the Last Three Solar Cycles. Cosmic Research, 2005, 43, 165-178.	0.2	18
56	The Asymptotic Longitudinal Cosmic Ray Intensity Distribution as a Precursor of Forbush Decreases. Solar Physics, 2012, 280, 641-650.	1.0	18
57	Cosmic-ray forecasting features for big forbush decreases. Nuclear Physics, Section B, Proceedings Supplements, 1995, 39, 136-143.	0.5	17
58	Forbush Decreases Associated with Western Solar Sources and Geomagnetic Storms: A Study on Precursors. Solar Physics, 2013, 283, 557-563.	1.0	17
59	Correlation between the near-Earth solar wind parameters and the source surface magnetic field. Geomagnetism and Aeronomy, 2006, 46, 430-437.	0.2	16
60	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
61	A New Version of the Neutron Monitor Based Anisotropic GLE Model: Application to GLE60. Solar Physics, 2010, 264, 239-254.	1.0	16
62	Cosmic Rays in Relation to Space Weather. Space Sciences Series of ISSI, 2000, , 153-174.	0.0	16
63	The new Athens center on data processing from the neutron monitor network in real time. Annales Geophysicae, 2005, 23, 3103-3110.	0.6	15
64	28 OCTOBER 2003 FLARE: HIGH-ENERGY GAMMA EMISSION, TYPE II RADIO EMISSION AND SOLAR PARTICLE OBSERVATIONS. International Journal of Modern Physics A, 2005, 20, 6705-6707.	0.5	15
65	Computation technology based on KOMPOT and KLONDIKE codes for magnetostatic simulations in tokamaks. Plasma Devices and Operations, 2008, 16, 89-103.	0.6	15
66	Relationship between Forbush effect parameters and the heliolongitude of solar sources. Geomagnetism and Aeronomy, 2013, 53, 10-18.	0.2	15
67	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
68	Ring of Stations Method in Cosmic Rays Variations Research. Solar Physics, 2020, 295, 1.	1.0	15
69	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
70	Prediction of expected global climate change by forecasting of galactic cosmic ray intensity time variation in near future based on solar magnetic field data. Advances in Space Research, 2005, 35, 491-495.	1.2	14
71	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
72	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

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73	Cosmic ray modulation during the solar activity growth phase of cycle 24. Geomagnetism and Aeronomy, 2014, 54, 430-436.	0.2	14
74	Cosmic-Ray Variations During the Two Greatest Bursts of Solar Activity in the 23rd Solar Cycle. Solar Physics, 2004, 224, 345-358.	1.0	13
75	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
76	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
77	Online application for the barometric coefficient calculation of the NMDB stations. New Astronomy, 2013, 19, 10-18.	0.8	13
78	Cosmic Rays near Proxima Centauri b. Astronomy Letters, 2018, 44, 324-330.	0.1	13
79	Onset Time of the GLE 72 Observed at Neutron Monitors and its Relation to Electromagnetic Emissions. Solar Physics, 2019, 294, 1.	1.0	13
80	Proton spectra of the four remarkable gle in the 22nd solar cycle. Radiation Measurements, 1996, 26, 461-466.	0.7	12
81	Phenomenology of internal reconnections in the National Spherical Torus Experiment. Physics of Plasmas, 2003, 10, 664-670.	0.7	12
82	Vegetation stability in the system of geobotanical forecasting. Geography and Natural Resources, 2008, 29, 124-131.	0.1	12
83	Neutron monitor asymptotic directions of viewing during the event of 13 December 2006. Advances in Space Research, 2009, 43, 518-522.	1.2	12
84	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
85	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
86	Latitudinal and radial variation of >2 GeV/n protons and alpha-particles at solar maximum: ULYSSES COSPIN/KET and neutron monitor network observations. Annales Geophysicae, 2003, 21, 1295-1302.	0.6	11
87	Operative center of the geophysical prognosis in Izmiran. Annales Geophysicae, 2005, 23, 3163-3170.	0.6	11
88	First high-resolution dated records of vegetation and climate changes on the Lake Baikal northern shore in the middle-late Holocene. Doklady Earth Sciences, 2006, 411, 1331-1335.	0.2	11
89	Connection of Forbush effects to the X-ray flares. Journal of Atmospheric and Solar-Terrestrial Physics, 2008, 70, 342-350.	0.6	11
90	The first Forbush decrease of solar cycle 24. Journal of Physics: Conference Series, 2013, 409, 012202.	0.3	11

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91	When and where are solar cosmic rays accelerated most efficiently?. Astronomy Reports, 2004, 48, 665-677.	0.2	10
92	Space weather and space anomalies. Annales Geophysicae, 2005, 23, 3009-3018.	0.6	10
93	Validation of VINCENTA modelling based on an experiment with the central solenoid model coil of the International Thermonuclear Experimental Reactor. Plasma Devices and Operations, 2006, 14, 47-59.	0.6	10
94	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
95	On the ground level enhancement beginning. Astronomy Letters, 2010, 36, 520-530.	0.1	10
96	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
97	Long-Term Changes in the Number and Magnitude of Forbush-Effects. Geomagnetism and Aeronomy, 2018, 58, 615-624.	0.2	10
98	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
99	The relation of high- and low-orbit satellite anomalies to different geophysical parameters. , 2004, , 147-163.		10
100	Latitudinal and radial variation of >2 GeV/n protons and Î±-particles in the northern heliosphere: Ulysses COSPIN/KET and neutron monitor network observations. Advances in Space Research, 1999, 23, 443-447.	1.2	9
101	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
102	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
103	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
104	Relationship Between the Magnetic Flux of Solar Eruptions and the Ap Index of Geomagnetic Storms. Solar Physics, 2015, 290, 627-633.	1.0	9
105	On the Rigidity Spectrum of Cosmic-Ray Variations within Propagating Interplanetary Disturbances: Neutron Monitor and SOHO/EPHIN Observations at â^¼1â€"10 GV. Astrophysical Journal, 2021, 908, 5.	1.6	9
106	Simulation and analysis of eddy currents induced in the GLOBUS-M tokamak. Plasma Devices and Operations, 2005, 13, 25-38.	0.6	8
107	ALERT SYSTEM FOR GROUND LEVEL COSMIC-RAY ENHANCEMENTS PREDICTION AT THE ATHENS NEUTRON MONITOR NETWORK IN REAL-TIME. International Journal of Modern Physics A, 2005, 20, 6711-6713.	0.5	8
108	Space weather forecasting at the new Athens center: the recent extreme events of January 2005. IEEE Transactions on Nuclear Science, 2005, 52, 2307-2312.	1.2	8

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109	Effects of Strong Geomagnetic Storms on Northern Railways in Russia. , 2007, , .		8
110	Estimation of long-term stability of detectors within the global network of neutron monitors. Geomagnetism and Aeronomy, 2007, 47, 251-255.	0.2	8
111	Relationships between neutron fluxes and rain flows. Advances in Space Research, 2010, 46, 637-641.	1.2	8
112	Recurrent and sporadic Forbush-effects in deep solar minimum. Journal of Physics: Conference Series, 2015, 632, 012062.	0.3	8
113	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
114	Specific features of the rigidity spectrum of Forbush effects. Geomagnetism and Aeronomy, 2017, 57, 177-189.	0.2	8
115	Cosmic-ray vector anisotropy and local characteristics of the interplanetary medium. Geomagnetism and Aeronomy, 2017, 57, 389-397.	0.2	8
116	Space Weather Forecasting at IZMIRAN. Geomagnetism and Aeronomy, 2017, 57, 869-876.	0.2	8
117	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
118	The measurement of chromatic dispersion in single-mode fibers by interferometric loop. Journal of Lightwave Technology, 1989, 7, 863-868.	2.7	7
119	High-power single-mode neodymium fibre laser. Quantum Electronics, 1997, 27, 1-2.	0.3	7
120	Different space weather effects in anomalies of the high and low orbital satellites. Advances in Space Research, 2005, 36, 2530-2536.	1.2	7
121	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
122	3D Field Simulation of Complex Systems With Permanent Magnets and Excitation Coils. IEEE Transactions on Applied Superconductivity, 2008, 18, 1609-1612.	1.1	7
123	Stray magnetic field produced by ITER tokamak complex. Plasma Devices and Operations, 2009, 17, 230-237.	0.6	7
124	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
125	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
126	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

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127	Forbush-decreases in 19th solar cycle. Journal of Physics: Conference Series, 2013, 409, 012165.	0.3	7
128	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
129	Coronal holes in the long-term modulation of cosmic rays. Geomagnetism and Aeronomy, 2016, 56, 257-263.	0.2	7
130	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
131	Forbush Effects Created by Coronal Mass Ejections with Magnetic Clouds. Geomagnetism and Aeronomy, 2021, 61, 678-687.	0.2	7
132	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
133	Isotropic and anisotropic cosmic ray variations in Marchâ€“June 1991. Advances in Space Research, 1995, 16, 249-253.	1.2	6
134	On the Calculation of Concentrated Loads at Finite-Element Mesh Nodes as Equivalents of a Given Spatial Distribution of Volume Force Density. Plasma Devices and Operations, 2002, 10, 269-284.	0.6	6
135	Common features in the development of powerful long-duration solar X-ray flares. Astronomy Reports, 2002, 46, 597-608.	0.2	6
136	Unusually high geomagnetic activity in 2003. Cosmic Research, 2004, 42, 541-550.	0.2	6
137	Effect of snow in cosmic ray variations and methods for taking it into consideration. Geomagnetism and Aeronomy, 2011, 51, 247-253.	0.2	6
138	Determination of Acceleration Time of Protons Responsible for the GLE Onset. Journal of Physics: Conference Series, 2013, 409, 012151.	0.3	6
139	Forecasting Geomagnetic Conditions in near-Earth space. Journal of Physics: Conference Series, 2013, 409, 012197.	0.3	6
140	Behavior of the cosmic ray density during the initial phase of the Forbush effect. Geomagnetism and Aeronomy, 2016, 56, 645-651.	0.2	6
141	Vector anisotropy of cosmic rays in the beginning of Forbush effects. Geomagnetism and Aeronomy, 2017, 57, 541-548.	0.2	6
142	Index of the Long-Term Influence of Sporadic Solar Activity on Cosmic Ray Modulation. Geomagnetism and Aeronomy, 2018, 58, 1-8.	0.2	6
143	Influence of Interacting Solar Wind Disturbances on the Variations in Galactic Cosmic Rays. Geomagnetism and Aeronomy, 2021, 61, 792-800.	0.2	6
144	Nonmetallic inclusions in steel and acoustic properties of piano wire. Metal Science and Heat Treatment, 1995, 37, 339-340.	0.2	5

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145	Waveguide characteristics of single-mode microstructural fibres with a complicated refractive index distribution profile. Quantum Electronics, 2002, 32, 641-644.	0.3	5
146	Anomalously low solar and geomagnetic activities in 2007. Geomagnetism and Aeronomy, 2009, 49, 566-573.	0.2	5
147	Efficient approach to simulate EM loads on massive structures in ITER machine. Fusion Engineering and Design, 2013, 88, 1908-1911.	1.0	5
148	Dependence of Forbush-decrease characteristics on parameters of solar eruptions. Journal of Physics: Conference Series, 2013, 409, 012150.	0.3	5
149	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
150	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
151	Long-Term Changes in Vertical Geomagnetic Cutoff Rigidities of Cosmic Rays. Physics of Atomic Nuclei, 2018, 81, 1382-1389.	0.1	5
152	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
153	Profile structure of single-mode fibers with low nonlinear properties for long-haul communication lines. Optics Communications, 1999, 161, 212-216.	1.0	4
154	Evolutionary dynamical mapping of Siberia's vegetation for forecasting purposes. Geography and Natural Resources, 2008, 29, 9-17.	0.1	4
155	Natural stability of vegetation in geosystems of southern Middle Siberia. Geography and Natural Resources, 2011, 32, 108-118.	0.1	4
156	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
157	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
158	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
159	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
160	Database capabilities for studying Forbush-effects and interplanetary disturbances. Journal of Physics: Conference Series, 2019, 1181, 012062.	0.3	4
161	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
162	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

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163	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
164	The spectrum of cosmic ray variations during the 19thâ€“22nd solar cycles. Radiation Measurements, 1996, 26, 471-475.	0.7	3
165	Mechanical forces simulation and stress analysis of the TEXTOR vacuum vessel during plasma disruption under 3d eddy currents load. IEEE Transactions on Magnetics, 1996, 32, 3004-3007.	1.2	3
166	Electromagnetic study of the iter thermal shield. Plasma Devices and Operations, 2004, 12, 217-228.	0.6	3
167	Computational models for electromagnetic transients in ITER vacuum vessel, cryostat and thermal shield. Fusion Engineering and Design, 2013, 88, 1904-1907.	1.0	3
168	Coronal mass ejections in July 2005 and an unusual heliospheric event. Cosmic Research, 2013, 51, 326-334.	0.2	3
169	The Solar Polar Field in the Cosmic-Ray Intensity Modulation. Journal of Physics: Conference Series, 2015, 632, 012074.	0.3	3
170	Geobotanical forecasting in the nature management ecological optimization in Baikalian Siberia. Geography and Natural Resources, 2017, 38, 38-45.	0.1	3
171	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
172	Planetary long term changes of the cosmic ray geomagnetic cut off rigidities. Journal of Physics: Conference Series, 2019, 1181, 012008.	0.3	3
173	Large Forbush Decreases and their Solar Sources: Features and Characteristics. Solar Physics, 2020, 295, 1.	1.0	3
174	Ring of Station Method in Research of Cosmic Ray Variations: 1. General Description. Geomagnetism and Aeronomy, 2020, 60, 38-45.	0.2	3
175	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
176	Forbush decreases caused by paired interacting solar wind disturbances. Monthly Notices of the Royal Astronomical Society, 2022, 511, 5897-5908.	1.6	3
177	Equivalent step-index (ESI) profile of elliptical-core single-mode fibres. Optics Communications, 1985, 56, 93-94.	1.0	2
178	Broadband dispersion-compensating fiber for high-bit-rate transmission network use. Applied Optics, 1995, 34, 5331.	2.1	2
179	High precision pick-up (Mirnov) coils for disruption studies in the T-11M and TCABR tokamaks. Review of Scientific Instruments, 1999, 70, 449-451.	0.6	2
180	On the possibility of compensating material dispersion in three-layer optical fibres in the wavelength range below 1.3 Î¼m. Quantum Electronics, 2002, 32, 425-427.	0.3	2

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181	SPACE WEATHER RESEARCH: THE CONNECTION BETWEEN SATELLITE MALFUNCTION DATA AND COSMIC RAY ACTIVITY INDICES. International Journal of Modern Physics A, 2005, 20, 6675-6677.	0.5	2
182	Modeling of the solar energetic particles recorded at Neutron Monitors. AIP Conference Proceedings, 2006, , .	0.3	2
183	Relationship between Forbush effects and X-ray flares. Bulletin of the Russian Academy of Sciences: Physics, 2007, 71, 988-990.	0.1	2
184	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
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