

Vladimir Obridko

List of Publications by Year in descending order

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174
papers

1,788
citations

279798

23
h-index

395702

33
g-index

177
all docs

177
docs citations

177
times ranked

776
citing authors

#	ARTICLE	IF	CITATIONS
1	?Bartels' active longitudes?, sector boundaries and flare activity. Solar Physics, 1969, 6, 104-110.	2.5	60
2	Structure of the Heliospheric Current Sheet derived for the interval 1915â€‰â€‰1916. Solar Physics, 1999, 184, 187-200.	2.5	59
3	Cyclic variation of the global magnetic field indices. Solar Physics, 1992, 137, 167-177.	2.5	58
4	Large-Scale Magnetic Field and Sunspot Cycles. Solar Physics, 2001, 198, 409-421.	2.5	57
5	Occurrence of the 1.3-year periodicity in the large-scale solar magnetic field for 8 solar cycles. Advances in Space Research, 2007, 40, 1006-1014.	2.6	49
6	Brightness of the Coronal Green Line and Prediction for Activity Cycles 23 and 24. Solar Physics, 2001, 199, 421-435.	2.5	42
7	Structure and Cyclic Variations of Open Magnetic Fields in the sun. Solar Physics, 1999, 187, 185-205.	2.5	40
8	Analysis of the Hemispheric Sunspot Number Time Series for the Solar Cycles 18 to 24. Solar Physics, 2019, 294, 1.	2.5	38
9	Coronal holes as indicators of large-scale magnetic fields in the corona. Solar Physics, 1989, 124, 73-80.	2.5	36
10	Quasi-Biennial Oscillations in the Northâ€‰â€‰South Asymmetry of Solar Activity. Solar Physics, 2008, 247, 379-397.	2.5	36
11	Northâ€‰â€‰South asymmetry of the sunspot indices and its quasi-biennial oscillations. New Astronomy, 2011, 16, 357-365.	1.8	36
12	Variations of the dipole magnetic moment of the sun during the solar activity cycle. Astronomy Reports, 2006, 50, 926-935.	0.9	32
13	On Prediction of the Strength of the 11-Year Solar Cycle No. 24. Solar Physics, 2008, 248, 191-202.	2.5	32
14	Current Sheets, Plasmoids and Flux Ropes in the Heliosphere. Space Science Reviews, 2021, 217, 1.	8.1	32
15	Solar cycle according to mean magnetic field data. Monthly Notices of the Royal Astronomical Society, 2006, 365, 827-832.	4.4	31
16	PUZZLES OF THE INTERPLANETARY MAGNETIC FIELD IN THE INNER HELIOSPHERE. Astrophysical Journal, 2012, 761, 82.	4.5	31
17	Quasi-biennial oscillations of the global solar magnetic field. Astronomy Reports, 2001, 45, 1012-1017.	0.9	30
18	Contrast of Coronal Holes and Parameters of Associated Solar Wind Streams. Solar Physics, 2009, 260, 191-206.	2.5	30

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19	Some comments on the problem of solar cycle prediction. <i>Solar Physics</i> , 1995, 156, 179-190.	2.5	26
20	Anomalies in the evolution of global and large-scale solar magnetic fields as the precursors of several upcoming low solar cycles. <i>Astronomy Letters</i> , 2009, 35, 247-252.	1.0	26
21	Solar activity and geomagnetic disturbances. <i>Geomagnetism and Aeronomy</i> , 2013, 53, 147-156.	0.8	26
22	Rotation Characteristics of Large-Scale Solar Magnetic Fields. <i>Solar Physics</i> , 2001, 201, 1-12.	2.5	24
23	Current Sheets, Plasmoids and Flux Ropes in the Heliosphere. <i>Space Science Reviews</i> , 2021, 217, 1.	8.1	24
24	The Sun and heliosphere explorer – the Interhelioprobe mission. <i>Geomagnetism and Aeronomy</i> , 2016, 56, 781-841.	0.8	23
25	High-latitude Conic Current Sheets in the Solar Wind. <i>Astrophysical Journal</i> , 2017, 836, 108.	4.5	21
26	Solar evolution and extrema: current state of understanding of long-term solar variability and its planetary impacts. <i>Progress in Earth and Planetary Science</i> , 2021, 8, .	3.0	21
27	Quasi-biennial Oscillations of the North-South Asymmetry. <i>Astronomy Reports</i> , 2005, 49, 659.	0.9	20
28	Increase of the Magnetic Flux From Polar Zones of the sun in the Last 120 Years. <i>Solar Physics</i> , 2002, 206, 383-399.	2.5	19
29	Cyclic variations in the differential rotation of the solar corona. <i>Astronomy Reports</i> , 2006, 50, 312-324.	0.9	19
30	Solar large-scale magnetic field and cycle patterns in solar dynamo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 4990-5000.	4.4	18
31	Zonal structure and meridional drift of large-scale solar magnetic fields. <i>Solar Physics</i> , 2002, 206, 1-19.	2.5	17
32	Relationship between the Parameters of Coronal Holes and High-Speed Solar Wind Streams over an Activity Cycle. <i>Solar Physics</i> , 2011, 270, 297-310.	2.5	17
33	On the negative correlation between solar activity and solar rotation rate. <i>Astronomy Letters</i> , 2016, 42, 631-637.	1.0	17
34	Large-Scale Magnetic Field Structures and Coronal Holes on the Sun. <i>Solar Physics</i> , 1997, 176, 107-121.	2.5	16
35	RELEVANCE OF CME TO THE STRUCTURE OF LARGE-SCALE SOLAR MAGNETIC FIELDS. <i>Solar Physics</i> , 1999, 184, 369-384.	2.5	16
36	Solar Disappearing Filament Inside a Coronal Hole. <i>Astrophysical Journal</i> , 2002, 567, 1225-1233.	4.5	16

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37	Correlation between the near-Earth solar wind parameters and the source surface magnetic field. <i>Geomagnetism and Aeronomy</i> , 2006, 46, 430-437.	0.8	16
38	Long-term variations of galactic cosmic rays in the past and future from observations of various solar activity characteristics. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2006, 68, 1161-1166.	1.6	16
39	Coronal Mass Ejections and the Index of Effective Solar Multipole. <i>Solar Physics</i> , 2012, 281, 779-792.	2.5	16
40	North-south asymmetry of solar activity as a superposition of two realizations – the sign and absolute value. <i>Astronomy and Astrophysics</i> , 2017, 603, A109.	5.1	16
41	Cyclic and secular variations sunspot groups with various scales. <i>Astronomy Reports</i> , 2014, 58, 936-944.	0.9	15
42	Temporal and Periodic Variations of Sunspot Counts in Flaring and Non-Flaring Active Regions. <i>Solar Physics</i> , 2018, 293, 1.	2.5	15
43	Forecasting the sunspot maximum through an analysis of geomagnetic activity. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 176, 42-50.	1.6	15
44	Cyclic Variations of CME Velocity. <i>Solar Physics</i> , 2001, 198, 179-195.	2.5	14
45	Prediction of expected global climate change by forecasting of galactic cosmic ray intensity time variation in near future based on solar magnetic field data. <i>Advances in Space Research</i> , 2005, 35, 491-495.	2.6	14
46	Current Helicity and Twist as Two Indicators of the Mirror Asymmetry of Solar Magnetic Fields. <i>Solar Physics</i> , 2008, 248, 17-28.	2.5	14
47	Cosmic ray modulation during the solar activity growth phase of cycle 24. <i>Geomagnetism and Aeronomy</i> , 2014, 54, 430-436.	0.8	14
48	What causes geomagnetic activity during sunspot minimum?. <i>Geomagnetism and Aeronomy</i> , 2015, 55, 1033-1038.	0.8	14
49	Amplitude and period of the dynamo wave and prediction of the solar cycle. <i>Solar Physics</i> , 2000, 195, 209-218.	2.5	13
50	Solar magnetic fields and the intensity of the green coronal line. <i>Astronomy Reports</i> , 2004, 48, 678-687.	0.9	13
51	On calculating the solar wind parameters from the solar magnetic field data. <i>Astronomical and Astrophysical Transactions</i> , 1996, 11, 65-79.	0.2	12
52	Connections Between the White-Light Eclipse Corona and Magnetic Fields over the Solar Cycle. <i>Solar Physics</i> , 2003, 212, 301-318.	2.5	12
53	Evolution of the Solar Wind Speed with Heliocentric Distance and Solar Cycle. Surprises from Ulysses and Unexpectedness from Observations of the Solar Corona. <i>Plasma Physics Reports</i> , 2018, 44, 840-853.	0.9	12
54	Relationship between the coronal shape and the magnetic field topology during the solar cycle. <i>Advances in Space Research</i> , 2002, 29, 395-400.	2.6	11

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55	Two Regularities in the Coronal Green-Line Brightness – Magnetic Field Coupling and the Heating of the Corona. <i>Solar Physics</i> , 2006, 238, 271-292.	2.5	11
56	On the energy release by magnetic field dissipation in the solar atmosphere. <i>Solar Physics</i> , 1968, 5, 354-358.	2.5	10
57	Analyses and modelling of coronal holes observed by CORONAS-1. I. Morphology and magnetic field configuration. <i>Astronomical and Astrophysical Transactions</i> , 2000, 18, 819-828.	0.2	10
58	Global solar magnetology and reference points of the solar cycle. <i>Astronomy Reports</i> , 2003, 47, 953-962.	0.9	10
59	Calculation of the interplanetary magnetic field based on its value in the solar photosphere. <i>Geomagnetism and Aeronomy</i> , 2006, 46, 294-302.	0.8	10
60	The large-scale magnetic field on the Sun: The equatorial region. <i>Astronomy Reports</i> , 2000, 44, 103-111.	0.9	9
61	Manifestations of cyclic variations in the solar magnetic field in long-term modulation of cosmic rays. <i>Geomagnetism and Aeronomy</i> , 2008, 48, 571-577.	0.8	9
62	Extrema of long-term modulation of the cosmic ray intensity in the last five solar cycles. <i>Geomagnetism and Aeronomy</i> , 2012, 52, 438-444.	0.8	9
63	22-year cycle of differential rotation of the solar corona and the rule by Gnevyshev – Ohl. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx134.	4.4	9
64	On the history of the solar wind discovery. <i>Solar System Research</i> , 2017, 51, 165-169.	0.7	9
65	Shape of solar cycles and mid-term solar activity oscillations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4376-4383.	4.4	9
66	Solar Activity Indices for Ionospheric Parameters in the 23rd and 24th Cycles. <i>Geomagnetism and Aeronomy</i> , 2020, 60, 1-6.	0.8	9
67	Flow Sources and Formation Laws of Solar Wind Streams. <i>Solar Physics</i> , 2002, 205, 149-163.	2.5	8
68	Space – time distributions of the coronal green-line brightness and solar magnetic fields. <i>Astronomical and Astrophysical Transactions</i> , 2004, 23, 555-566.	0.2	8
69	To the problem of solar coronal heating. <i>Astronomy Letters</i> , 2007, 33, 182-191.	1.0	8
70	Fractal properties of solar magnetic fields. <i>Astronomy Letters</i> , 2008, 34, 210-216.	1.0	8
71	Magneto-hydrostatic model for a coronal hole. <i>Astronomy Reports</i> , 2011, 55, 1144-1154.	0.9	8
72	The Unusual Sunspot Minimum: Challenge to the Solar Dynamo Theory. Thirty Years of Astronomical Discovery With UKIRT, 2012, , 1-17.	0.3	8

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73	Long-term variations of geomagnetic activity and their solar sources. <i>Geomagnetism and Aeronomy</i> , 2013, 53, 813-817.	0.8	8
74	The Relative Umbral Area in Spot Groups as an Index of Cyclic Variation of Solar Activity. <i>Solar Physics</i> , 2014, 289, 1013-1028.	2.5	8
75	Cyclic variations in the main components of the solar large-scale magnetic field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5582-5591.	4.4	8
76	On the Structure of the Magnetic Field of Sunspots. , 1968, , 215-229.		8
77	Sector Structure, Rotation, and Cyclic Evolution of Large-Scale Solar Magnetic Fields. <i>Solar Physics</i> , 2001, 199, 405-419.	2.5	7
78	Meridional drift of large-scale solar magnetic fields. <i>Astronomy Reports</i> , 2003, 47, 333-342.	0.9	7
79	Cyclic variation in the spatial distribution of the coronal green line brightness. <i>Astronomy Reports</i> , 2005, 49, 477-484.	0.9	7
80	Simulation of the modulation of galactic cosmic rays during solar activity cycles 21â€“23. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2007, 71, 974-976.	0.6	7
81	Global complexes of activity. <i>Astronomy Reports</i> , 2013, 57, 786-796.	0.9	7
82	Short-periodic oscillations of the magnetic field of the Sun as a star. <i>Solar Physics</i> , 1973, 29, 385-392.	2.5	6
83	Experimental confirmations of bioeffective effect of magnetic storms. <i>Astronomical and Astrophysical Transactions</i> , 2000, 19, 67-77.	0.2	6
84	The increase in the magnetic flux from the polar regions of the Sun over the last 120 years. <i>Astronomy Reports</i> , 2001, 45, 746-750.	0.9	6
85	Differential Rotation of the Solar Corona from Magnetic Field Data. <i>Astronomy Letters</i> , 2018, 44, 727-733.	1.0	6
86	Long-term variability in occurrence frequencies of magnetic storms with sudden and gradual commencements. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2020, 205, 105295.	1.6	6
87	Large-scale mutual relations of spot groups in proton complex. <i>Solar Physics</i> , 1969, 6, 418-427.	2.5	5
88	Large-scale solar magnetic field: Latitudinal dependence. <i>Astronomy Reports</i> , 2000, 44, 262-270.	0.9	5
89	Multiparameter Computations of Solar Wind Characteristics in the Near-Earth Space from the Data on the Solar Magnetic Field. <i>Solar System Research</i> , 2004, 38, 228-238.	0.7	5
90	A generalized polarity rule for solar magnetic fields. <i>Astronomy Reports</i> , 2007, 51, 339-342.	0.9	5

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91	Temporal variations in the position of the heliospheric equator. <i>Astronomy Reports</i> , 2008, 52, 676-679.	0.9	5
92	Relationship between the contrast of coronal holes and parameters of the solar wind streams. <i>Astronomy Reports</i> , 2009, 53, 1050-1058.	0.9	5
93	Solar Activity Cycle in Solar-wind Sources and Flows. <i>Solar Physics</i> , 2011, 269, 129-140.	2.5	5
94	Comparison of the properties of leading and trailing sunspots. <i>Geomagnetism and Aeronomy</i> , 2015, 55, 13-23.	0.8	5
95	Magnetic Field as a Tracer for Studying the Differential Rotation of the Solar Corona. <i>Solar Physics</i> , 2018, 293, 1.	2.5	5
96	Integral properties of solar active regions. <i>Astronomical and Astrophysical Transactions</i> , 2003, 22, 335-355.	0.2	4
97	On a probable model of solar flares based on an "avalanche" of self-organized criticality with energy and matter transport by magnetohydrodynamic solitons. <i>Astronomical and Astrophysical Transactions</i> , 2005, 24, 25-33.	0.2	4
98	Small-scale stochastic structure of the solar magnetic field. <i>Astronomy Letters</i> , 2007, 33, 844-847.	1.0	4
99	Small-scale background magnetic field on the sun in solar cycle 23. <i>Astronomy Letters</i> , 2009, 35, 424-431.	1.0	4
100	"Active Longitudes" in the Heliomagnetic Reference Frame. <i>Solar Physics</i> , 2011, 272, 59-71.	2.5	4
101	The Upper Limit of Sunspot Activity as Observed over a Long Time Interval. <i>Solar Physics</i> , 2015, 290, 1285-1294.	2.5	4
102	Long-period geomagnetic pulsations as solar flare precursors. <i>Geomagnetism and Aeronomy</i> , 2016, 56, 249-255.	0.8	4
103	Two populations of the solar magnetic field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2575-2582.	4.4	4
104	Some Features of the Variation of the Magnetic Field Characteristics in the Umbra of Sunspots During Flares and Coronal Mass Ejections. <i>Geomagnetism and Aeronomy</i> , 2017, 57, 835-840.	0.8	4
105	Comparison of Magnetic Properties and Shadow Area of Leading and Trailing Spots with Different Asymmetries. <i>Geomagnetism and Aeronomy</i> , 2017, 57, 946-951.	0.8	4
106	The evolution of flaring and non-flaring active regions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 293-297.	4.4	4
107	Some Statistical Properties of Magnetic Fields and Sunspots. <i>Research Notes of the AAS</i> , 2018, 2, 40.	0.7	4
108	Study of the Magnetic Properties of Sunspot Umbrae. <i>Astronomy Reports</i> , 2022, 66, 116-164.	0.9	4

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109	On the structure of the magnetic field of sunspots. Symposium - International Astronomical Union, 1968, 35, 215-229.	0.1	3
110	On the interpretation of the β -component splitting in sunspot spectra. Solar Physics, 1972, 24, 336-341.	2.5	3
111	Large-scale patterns and α -active longitudes TM . Proceedings of the International Astronomical Union, 2009, 5, 241-250.	0.0	3
112	Prediction of the total cycle 24 of solar activity by several autoregressive methods and by the precursor method. Izvestiya - Atmospheric and Oceanic Physics, 2012, 48, 706-716.	0.9	3
113	Dependence of the solar wind speed on the coronal magnetic field in cycle 23. Astronomy Letters, 2013, 39, 474-480.	1.0	3
114	Role of the large-scale solar magnetic field structure in the global organization of solar activity. Geomagnetism and Aeronomy, 2014, 54, 996-999.	0.8	3
115	North-South Asymmetry in the Distribution of Solar Background Magnetic Field. Solar Physics, 2014, 289, 2867-2878.	2.5	3
116	Magnetic field variations in the umbra of single sunspots during their passage across the solar disk. Geomagnetism and Aeronomy, 2016, 56, 1015-1024.	0.8	3
117	Intermittency of the Solar Magnetic Field and Solar Magnetic Activity Cycle. Solar Physics, 2017, 292, 1.	2.5	3
118	Solar Corona as Indicator of Differential Rotation of Subphotospheric Layers. Cosmic Research, 2019, 57, 407-412.	0.6	3
119	The spectrum of low-frequency oscillations of the magnetic field of sunspots, and low-frequency modulation of the radioemission from the active regions of the Sun. Radiophysics and Quantum Electronics, 1973, 16, 1043-1046.	0.5	2
120	Fourier parameters and moments of polarization profiles of magnetically active lines. Fourier vector magnetograph. Solar Physics, 1996, 164, 373-380.	2.5	2
121	Some aspects of heliometeorologic coupling. Astronomical and Astrophysical Transactions, 1996, 9, 149-157.	0.2	2
122	Title is missing!. Solar Physics, 1998, 177, 217-228.	2.5	2
123	Cyclic variations in distribution of the coronal green line brightness and solar magnetic field. Proceedings of the International Astronomical Union, 2004, 2004, 69-72.	0.0	2
124	Relationship between the coronal green line brightness and magnetic field strength. Proceedings of the International Astronomical Union, 2004, 2004, 371-372.	0.0	2
125	The role of cyclic solar magnetic field variations in the long-term cosmic ray modulation. Advances in Space Research, 2009, 43, 673-679.	2.6	2
126	Long-term modulation of galactic cosmic rays at solar activity minimums. Geomagnetism and Aeronomy, 2010, 50, 436-442.	0.8	2

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127	A comparative analysis of the properties of the magnetic fields in leading and trailing sunspots. <i>Astronomy Reports</i> , 2015, 59, 156-164.	0.9	2
128	The phase shift between the hemispheres in the solar activity cycle. <i>Astronomy Reports</i> , 2016, 60, 949-953.	0.9	2
129	Comparison of the magnetic properties of leading and following spots and the overlying ultraviolet emission. <i>Astronomy Reports</i> , 2017, 61, 533-549.	0.9	2
130	Some Features of the Present-day Transition Period in Solar Activity. <i>Geomagnetism and Aeronomy</i> , 2020, 60, 1007-1016.	0.8	2
131	Galactic Factors, the Young Sun, the Earth, and the Biophysics of Living Systems. <i>Biophysics (Russian)</i> Tj ETQq1 1 0,784314 rgBT /Overd	0.7	2
132	Estimating the Energy of Solar and Stellar Superflares. <i>Geomagnetism and Aeronomy</i> , 2021, 61, 1063-1068.	0.8	2
133	On the polarization of the solar coronal emission lines. <i>Solar Physics</i> , 1973, 33, 169-175.	2.5	1
134	Solar activity-climate coupling and atmospheric circulation. <i>Astronomical and Astrophysical Transactions</i> , 1998, 16, 133-139.	0.2	1
135	Natural disasters and solar activity (based on chronicles and annals). <i>Astronomical and Astrophysical Transactions</i> , 1998, 17, 29-33.	0.2	1
136	Penetration of coronal magnetic fields into solar-wind streams. <i>Astronomy Letters</i> , 2000, 26, 539-543.	1.0	1
137	Seasonal Variations in Solar High-Energy Neutrino Flux and Their Probable Source. <i>Solar System Research</i> , 2000, 34, 501-508.	0.7	1
138	Three types of flows in the structure of the solar wind. <i>Astronomy Reports</i> , 2002, 46, 339-345.	0.9	1
139	Reproducible characteristics of the solar wind acceleration. <i>Astronomy Letters</i> , 2004, 30, 343-348.	1.0	1
140	Structure of solar-wind streams at the maximum of solar cycle 23. <i>Astronomy Letters</i> , 2005, 31, 546-556.	1.0	1
141	Diagnostics of solar wind streams. <i>Astronomical and Astrophysical Transactions</i> , 2007, 26, 501-505.	0.2	1
142	Magnetic cloud in the solar wind: A comparison with the classical model. <i>Geomagnetism and Aeronomy</i> , 2007, 47, 285-290.	0.8	1
143	Diagnostics of solar wind streams and their sources in the solar corona. <i>Geomagnetism and Aeronomy</i> , 2010, 50, 711-719.	0.8	1
144	Second version of the IZMIRAN solar spectromagnetograph. Part I. Instrument design. <i>Instruments and Experimental Techniques</i> , 2011, 54, 568-576.	0.5	1

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145	Second version of the IZMIRAN solar spectromagnetograph. Part II. Algorithms for preliminary data processing. Instruments and Experimental Techniques, 2011, 54, 577-584.	0.5	1
146	Properties of solar activity and ionosphere for solar cycle 25. Geomagnetism and Aeronomy, 2016, 56, 742-749.	0.8	1
147	Meridional component of the large-scale magnetic field at minimum and characteristics of the subsequent solar activity cycle. Astronomy Letters, 2017, 43, 697-702.	1.0	1
148	The Young Sun, Conditions on the Early Earth, and the Origin of Life. Geomagnetism and Aeronomy, 2018, 58, 877-887.	0.8	1
149	Magnetic Coupling of the Solar Hemispheres During the Solar Cycle. Solar Physics, 2020, 295, 1.	2.5	1
150	Relationship between the Green-Line Corona Polarization and Coronal Magnetic Fields. Astrophysics and Space Science Library, 1999, , 373-382.	2.7	1
151	Quasi-biennial oscillations of the solar global magnetic field. Astronomical and Astrophysical Transactions, 2001, 20, 491-498.	0.2	1
152	THE SUN AND THE BIOSPHERE: THE PARADOXES OF 4 BILLION YEARS OF COEXISTENCE. Radio Physics and Radio Astronomy, 2017, 22, 276-283.	0.3	1
153	10.1007/s11443-008-3008-z. , 2010, 34, 210.		1
154	Long-Term Variations in Coronal Hole Areas and Occurrence of Magnetic Storms with Gradual Commencements. Geomagnetism and Aeronomy, 2021, 61, 964-971.	0.8	1
155	Long-Term Radio Scintillation Variations in the Circumsolar Plasma. Solar Physics, 1999, 189, 387-398.	2.5	0
156	Variations of the solar-wind stream structure in the region of subsonic flow during the 11-year solar cycle. Astronomy Reports, 2000, 44, 765-770.	0.9	0
157	The structure of the photospheric velocity field near H \pm filaments. Astronomy Reports, 2001, 45, 409-414.	0.9	0
158	The role of the solar magnetic field systems in modulating the solar irradiance. Advances in Space Research, 2002, 29, 1951-1956.	2.6	0
159	A Solar Spectromagnetograph. Instruments and Experimental Techniques, 2002, 45, 98-102.	0.5	0
160	Slow solar wind: Sources and components of the stream structure at the solar maximum. Astronomy Letters, 2003, 29, 629-634.	1.0	0
161	The All-Russia conference on the Experimental and Theoretical Basis of Forecasting Helio-geophysical Activity Organized by the Solar Section of the Scientific Council of the Russian Academy of Sciences on Astronomy and the Pushkov Institute of Terrestrial Magnetism, Ionosphere, and Radio Wave Propagation, Russian Academy of Sciences (October 10-15, 2005, Troitsk). Solar System Research, 2006, 40, 262-263.	0.7	0
162	Diagnostics of solar wind flows. Astronomy Letters, 2008, 34, 500-508.	1.0	0

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163	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.	0.6	0
164	Open magnetic fields on the Sun and solar wind parameters at the Earth's orbit. Astronomy Reports, 2011, 55, 284-291.	0.9	0
165	Longitude variations of solar magnetic fields of different intensity in cycle 23 as inferred from the SOHO/MDI data. Astronomy Letters, 2011, 37, 358-366.	1.0	0
166	Dynamics of the photospheric magnetic field in the vicinity of the solar equator. Astronomy Reports, 2012, 56, 146-152.	0.9	0
167	Parameters of the Geomagnetic Activity, Thermosphere, and Ionosphere for the Ultimately Intense Magnetic Storm. Geomagnetism and Aeronomy, 2018, 58, 501-508.	0.8	0
168	Geophysical effects of solar activity: long-term variations in occurrences of magnetic storms with sudden and gradual commencements. Journal of Physics: Conference Series, 2019, 1400, 022038.	0.4	0
169	Astronomy of ancient civilizations. Astronomical and Astrophysical Transactions, 2002, 21, 279-291.	0.2	0
170	North-South Asymmetry in the Distribution of Solar Background Magnetic Field. , 2014, , 245-256.		0
171	Maps of Selected Active Regions Which were Sources of Particle Events. Astrophysics and Space Science Library, 1975, , 243-410.	2.7	0
172	Cyclic Variations of Large-Scale Solar Magnetic Fields. Journal of Geomagnetism and Geoelectricity, 1997, 49, S1-S14.	0.9	0
173	Solar Quadrupole in Tensor Description. Astronomy Reports, 2020, 64, 855-862.	0.9	0
174	Long-term evolution of coronal holes on the Sun and occurrence frequencies of magnetic storms with gradual commencements. Journal of Physics: Conference Series, 2021, 2103, 012038.	0.4	0