Bojan VrÅ¡nak

List of Publications by Year
in descending order

176 papers	8,950 citations	28274 55 h-index	51608 86 g-index
176 all docs	176 docs citations	176 times ranked	2392 citing authors

#	Article	IF	Citations
1	Propagation of Interplanetary Coronal Mass Ejections: The Drag-Based Model. Solar Physics, 2013, 285, 295-315.	2.5	257
2	Origin of Coronal Shock Waves. Solar Physics, 2008, 253, 215-235.	2.5	205
3	The Physical Processes of CME/ICME Evolution. Space Science Reviews, 2017, 212, 1159-1219.	8.1	179
4	The Origin, Early Evolution and Predictability of Solar Eruptions. Space Science Reviews, 2018, 214, 1.	8.1	178
5	Acceleration in Fast Halo CMEs and Synchronized Flare HXR Bursts. Astrophysical Journal, 2008, 673, L95-L98.	4.5	173
6	FIRST OBSERVATIONS OF A DOME-SHAPED LARGE-SCALE CORONAL EXTREME-ULTRAVIOLET WAVE. Astrophysical Journal Letters, 2010, 716, L57-L62.	8.3	170
7	COMBINED<i>STEREO/RHESSI</i>STUDY OF CORONAL MASS EJECTION ACCELERATION AND PARTICLE ACCELERATION IN SOLAR FLARES. Astrophysical Journal, 2010, 712, 1410-1420.	4.5	162
8	Band-splitting of coronal and interplanetary type II bursts. Astronomy and Astrophysics, 2002, 396, 673-682.	5.1	158
9	A multiwavelength study of solar flare waves. Astronomy and Astrophysics, 2004, 418, 1101-1115.	5.1	153
10	Evolution of Two EIT/HÎ± Moreton Waves. Astrophysical Journal, 2001, 560, L105-L109.	4.5	152
11	High-Cadence Observations of a Global Coronal Wave by <i>STEREO</i> EUVI. Astrophysical Journal, 2008, 681, L113-L116.	4.5	146
12	CONNECTING SPEEDS, DIRECTIONS AND ARRIVAL TIMES OF 22 CORONAL MASS EJECTIONS FROM THE SUN TO 1 AU. Astrophysical Journal, 2014, 787, 119.	4.5	145
13	Strong coronal channelling and interplanetary evolution of a solar storm up to Earth and Mars. Nature Communications, 2015, 6, 7135.	12.8	142
14	A multiwavelength study of solar flare waves. Astronomy and Astrophysics, 2004, 418, 1117-1129.	5.1	136
15	X-ray sources and magnetic reconnection in the X3.9 flare of 2003 November 3. Astronomy and Astrophysics, 2006, 446, 675-690.	5.1	132
16	Stability of prominences exposing helical-like patterns. Solar Physics, 1991, 136, 151-167.	2.5	127
17	Investigation of the Neupert effect in solar flares. Astronomy and Astrophysics, 2002, 392, 699-712.	5.1	127
18	CHARACTERISTICS OF KINEMATICS OF A CORONAL MASS EJECTION DURING THE 2010 AUGUST 1 CMEâ€“CME INTERACTION EVENT. Astrophysical Journal, 2012, 749, 57.	4.5	127

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19	Band-splitting of coronal and interplanetary type II bursts. Astronomy and Astrophysics, 2001, 377, 321-329.	5.1	125
20	Influence of the aerodynamic drag on the motion of interplanetary ejecta. Journal of Geophysical Research, 2002, 107, SSH 2-1-SSH 2-6.	3.3	123
21	Coronal Holes and Solar Wind High-Speed Streams: I.ÂForecasting the Solar Wind Parameters. Solar Physics, 2007, 240, 315-330.	2.5	123
22	Band-splitting of coronal and interplanetary type II bursts. Astronomy and Astrophysics, 2004, 413, 753-763.	5.1	120
23	The CME-flare relationship: Are there really two types of CMEs?. Astronomy and Astrophysics, 2005, 435, 1149-1157.	5.1	117
24	Kinematics of coronal mass ejections between 2 and 30 solar radii. Astronomy and Astrophysics, 2004, 423, 717-728.	5.1	113
25	Flare-CME Models: An Observational Perspective (Invited Review). Solar Physics, 2015, 290, 3457-3486.	2.5	113
26	IMPULSIVE ACCELERATION OF CORONAL MASS EJECTIONS. I. STATISTICS AND CORONAL MASS EJECTION SOURCE REGION CHARACTERISTICS. Astrophysical Journal, 2011, 738, 191.	4.5	112
27	Acceleration Phase of Coronal Mass Ejections: II.ÂSynchronization of the Energy Release in the Associated Flare. Solar Physics, 2007, 241, 99-112.	2.5	104
28	The role of aerodynamic drag in propagation of interplanetary coronal mass ejections. Astronomy and Astrophysics, 2010, 512, A43.	5.1	102
29	Flare waves observed in Helium I 10â€‰830ÂÃ…. Astronomy and Astrophysics, 2002, 394, 299-310.	5.1	102
30	Periodic Appearance of Coronal Holes and the Related Variation of Solar Wind Parameters. Solar Physics, 2007, 241, 371-383.	2.5	98
31	Transit times of interplanetary coronal mass ejections and the solar wind speed. Astronomy and Astrophysics, 2007, 472, 937-943.	5.1	94
32	Eruptive instability of cylindrical prominences. Solar Physics, 1990, 129, 295-312.	2.5	93
33	INFLUENCE OF THE AMBIENT SOLAR WIND FLOW ON THE PROPAGATION BEHAVIOR OF INTERPLANETARY CORONAL MASS EJECTIONS. Astrophysical Journal, 2011, 743, 101.	4.5	92
34	Multi-wavelength study of coronal waves associated with the CME-flare event of 3 November 2003. Astronomy and Astrophysics, 2006, 448, 739-752.	5.1	88
35	Deceleration of Coronal Mass Ejections. Solar Physics, 2001, 202, 173-189.	2.5	86
36	Dynamics of plasmoids formed by the current sheet tearing. Astronomy and Astrophysics, 2008, 477, 649-655.	5.1	85

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37	Processes and mechanisms governing the initiation and propagation of CMEs. Annales Geophysicae, 2008, 26, 3089-3101.	1.6	85
38	Formation Of Coronal Mhd Shock Waves â€" I. The Basic Mechanism. Solar Physics, 2000, 196, 157-180.	2.5	84
39	Relation Between Coronal Hole Areas on the Sun and the Solar Wind Parameters at 1 AU. Solar Physics, 2012, 281, 793-813.	2.5	83
40	Genesis and Impulsive Evolution of the 2017 September 10 Coronal Mass Ejection. Astrophysical Journal, 2018, 868, 107.	4.5	79
41	Two-spacecraft reconstruction of a magnetic cloud and comparison to its solar source. Annales Geophysicae, 2008, 26, 3139-3152.	1.6	79
42	HELIOSPHERIC PROPAGATION OF CORONAL MASS EJECTIONS: COMPARISON OF NUMERICAL WSA-ENLIL+CONE MODEL AND ANALYTICAL DRAG-BASED MODEL. Astrophysical Journal, Supplement Series, 2014, 213, 21.	7.7	76
43	Interaction of a Moreton/EIT Wave and a Coronal Hole. Astrophysical Journal, 2006, 647, 1466-1471.	4.5	76
44	Coronal Mass Ejection of 15 May 2001: II. Coupling of the Cme Acceleration and the Flare Energy Release. Solar Physics, 2004, 225, 355-378.	2.5	75
45	Coronal Mass Ejection of 15 May 2001: I. Evolution of Morphological Features of the Eruption. Solar Physics, 2004, 225, 337-353.	2.5	68
46	Understanding the Physical Nature of Coronal â€œEIT Wavesâ€. Solar Physics, 2017, 292, 7.	2.5	67
47	Cosmic ray modulation by different types of solar wind disturbances. Astronomy and Astrophysics, 2012, 538, A28.	5.1	66
48	IMPULSIVE ACCELERATION OF CORONAL MASS EJECTIONS. II. RELATION TO SOFT X-RAY FLARES AND FILAMENT ERUPTIONS. Astrophysical Journal, 2012, 755, 44.	4.5	64
49	Acceleration Phase of Coronal Mass Ejections: I. Temporal and Spatial Scales. Solar Physics, 2007, 241, 85-98.	2.5	63
50	ASYMMETRY IN THE CME-CME INTERACTION PROCESS FOR THE EVENTS FROM 2011 FEBRUARY 14-15. Astrophysical Journal, 2014, 785, 85.	4.5	63
51	Dynamics of solar coronal eruptions. Journal of Geophysical Research, 2001, 106, 25249-25259.	3.3	60
52	Energy Release Rates along HÎ± Flare Ribbons and the Location of Hard Xâ€Ray Sources. Astrophysical Journal, 2007, 654, 665-674.	4.5	60
53	Reconnection and energy release rates in a two-ribbon flare. Astronomy and Astrophysics, 2007, 461, 697-706.	5.1	60
54	Formation of coronal MHD shock waves â€" II. The Pressure Pulse Mechanism. Solar Physics, 2000, 196, 181-197.	2.5	59

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55	The Drag-based Ensemble Model (DBEM) for Coronal Mass Ejection Propagation. Astrophysical Journal, 2018, 854, 180.	4.5	58
56	HELIOSPHERIC PROPAGATION OF CORONAL MASS EJECTIONS: DRAG-BASED MODEL FITTING. Astrophysical Journal, Supplement Series, 2015, 218, 32.	7.7	57
57	Earth-affecting solar transients: a review of progresses in solar cycle 24. Progress in Earth and Planetary Science, 2021, 8, 56.	3.0	56
58	ORIGIN OF CORONAL SHOCK WAVES ASSOCIATED WITH SLOW CORONAL MASS EJECTIONS. Astrophysical Journal, 2010, 718, 266-278.	4.5	52
59	Equatorial coronal holes, solar wind high-speed streams, and their geoeffectiveness. Astronomy and Astrophysics, 2011, 526, A20.	5.1	52
60	A Flare-Generated Shock during a Coronal Mass Ejection on 24 December 1996. Solar Physics, 2008, 253, 305-317.	2.5	51
61	FLARE-GENERATED TYPE II BURST WITHOUT ASSOCIATED CORONAL MASS EJECTION. Astrophysical Journal, 2012, 746, 152.	4.5	50
62	Structure and stability of prominences with helical structure. Solar Physics, 1988, 116, 45-60.	2.5	49
63	Flares in Sigmoidal Coronal Structures â€“ a Case Study. Solar Physics, 1999, 190, 267-293.	2.5	49
64	Cosmic ray modulation by solar wind disturbances. Astronomy and Astrophysics, 2011, 531, A91.	5.1	49
65	ANALYSIS OF A GLOBAL MORETON WAVE OBSERVED ON 2003 OCTOBER 28. Astrophysical Journal, 2010, 708, 1639-1649.	4.5	48
66	Coronal Holes and Solar Wind High-Speed Streams: II.ÂForecasting the Geomagnetic Effects. Solar Physics, 2007, 240, 331-346.	2.5	46
67	Temporal comparison of nonthermal flare emission and magnetic-flux change rates. Astronomy and Astrophysics, 2009, 499, 893-904.	5.1	46
68	ANALYSIS OF CHARACTERISTIC PARAMETERS OF LARGE-SCALE CORONAL WAVES OBSERVED BY THE<i>SOLAR-TERRESTRIAL RELATIONS OBSERVATORY</i>/EXTREME ULTRAVIOLET IMAGER. Astrophysical Journal, 2011, 739, 89.	4.5	46
69	COMBINED MULTIPOINT REMOTE AND IN SITU OBSERVATIONS OF THE ASYMMETRIC EVOLUTION OF A FAST SOLAR CORONAL MASS EJECTION. Astrophysical Journal Letters, 2014, 790, L6.	8.3	45
70	Extreme Geomagnetic Storms â€“ 1868â€‰â€“â€‰2010. Solar Physics, 2016, 291, 1447-1481.	2.5	45
71	Initiation of Coronal Mass Ejections by Sunspot Rotation. Solar Physics, 2013, 286, 453-477.	2.5	44
72	PLASMA DIAGNOSTICS OF AN EIT WAVE OBSERVED BY <i>HINODE</i> /EIS AND <i>SDO</i> /AIA. Astrophysical Journal Letters, 2011, 743, L10.	8.3	43

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73	Statistical Analysis of Large-Scale EUV Waves Observed by STEREO/EUVI. Solar Physics, 2014, 289, 4563-4588.	2.5	43
74	Geoeffectiveness of Coronal Mass Ejections in the SOHO Era. Solar Physics, 2015, 290, 579-612.	2.5	43
75	Kinematics of Interacting ICMEs and Related Forbush Decrease: Case Study. Solar Physics, 2014, 289, 351-368.	2.5	42
76	Characteristics of Low-latitude Coronal Holes near the Maximum of Solar Cycle 24. Astrophysical Journal, 2017, 835, 268.	4.5	42
77	Relative timing of solar flares observed at different wavelengths. Solar Physics, 2002, 208, 297-315.	2.5	41
78	Projection effects in coronal mass ejections. Astronomy and Astrophysics, 2007, 469, 339-346.	5.1	41
79	Solar wind high-speed streams and related geomagnetic activity in the declining phase of solar cycle 23. Astronomy and Astrophysics, 2011, 533, A49.	5.1	41
80	ANALYTIC MODELING OF THE MORETON WAVE KINEMATICS. Astrophysical Journal, 2009, 702, 1343-1352.	4.5	40
81	Real-Time Solar Wind Prediction Based on SDO/AIA Coronal Hole Data. Solar Physics, 2015, 290, 1355-1370.	2.5	40
82	Solar eruptions: The CMEâ€flare relationship. Astronomische Nachrichten, 2016, 337, 1002-1009.	1.2	40
83	Detailed Analysis of Solar Data Related to Historical Extreme Geomagnetic Storms: 1868â€‰â€"â€‰2010. Solar Physics, 2016, 291, 1483-1531.	2.5	40
84	Differential Rotation of Stable Recurrent Sunspot Groups. Solar Physics, 2002, 206, 229-241.	2.5	39
85	ON THE ORIGIN OF THE SOLAR MORETON WAVE OF 2006 DECEMBER 6. Astrophysical Journal, 2010, 723, 587-601.	4.5	39
86	An Analytical Diffusionâ€"Expansion Model for Forbush Decreases Caused by Flux Ropes. Astrophysical Journal, 2018, 860, 71.	4.5	39
87	Solar flares and coronal shock waves. Journal of Geophysical Research, 2001, 106, 25291-25300.	3.3	38
88	Broadband Metric-Range Radio Emission Associated with a Moreton/EIT Wave. Astrophysical Journal, 2005, 625, L67-L70.	4.5	38
89	MULTIWAVELENGTH IMAGING AND SPECTROSCOPY OF CHROMOSPHERIC EVAPORATION IN AN M-CLASS SOLAR FLARE. Astrophysical Journal, 2010, 719, 655-670.	4.5	36
90	MODELING UV AND X-RAY EMISSION IN A POST-CORONAL MASS EJECTION CURRENT SHEET. Astrophysical Journal, 2010, 722, 625-641.	4.5	36

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91	On the propagation of a geoeffective coronal mass ejection during 15â€“17 March 2015. Journal of Geophysical Research: Space Physics, 2016, 121, 7423-7434.	2.4	36
92	Kinematics and evolution of twist in the eruptive prominence of August 18, 1980. Solar Physics, 1993, 146, 147-162.	2.5	34
93	Heliospheric Evolution of Magnetic Clouds. Astrophysical Journal, 2019, 877, 77.	4.5	34
94	Dynamics of coronal mass ejections. Astronomy and Astrophysics, 2008, 490, 811-815.	5.1	33
95	Cylindrical and Spherical Pistons as Drivers of MHD Shocks. Solar Physics, 2008, 253, 237-247.	2.5	32
96	CASE STUDY OF FOUR HOMOLOGOUS LARGE-SCALE CORONAL WAVES OBSERVED ON 2010 APRIL 28 AND 29. Astrophysical Journal Letters, 2011, 727, L43.	8.3	32
97	Predicting coronal mass ejections transit times to Earth with neural network. Monthly Notices of the Royal Astronomical Society, 2016, 456, 1542-1548.	4.4	32
98	The relation between the synodic and sidereal rotation period of the Sun. Solar Physics, 1995, 159, 393-398.	2.5	31
99	Terminology of large-scale waves in the solar atmosphere. Eos, 2005, 86, 112-113.	0.1	31
100	Comparison of geoeffectiveness of coronal mass ejections and corotating interaction regions. Astronomy and Astrophysics, 2013, 558, A85.	5.1	31
101	2 1/2-Dimensional Reconnection Model and Energy Release in Solar Flares. Solar Physics, 2005, 226, 97-119.	2.5	30
102	Forces governing coronal mass ejections. Advances in Space Research, 2006, 38, 431-440.	2.6	30
103	Formation of Coronal Large-Amplitude Waves and the Chromospheric Response. Solar Physics, 2016, 291, 89-115.	2.5	30
104	Solar TErrestrial Relations Observatory-A (STEREO-A) and PRoject for On-Board Autonomy 2 (PROBA2) Quadrature Observations of Reflections of Three EUV Waves from a Coronal Hole. Solar Physics, 2013, 286, 201-219.	2.5	29
105	The Dependence of the Peak Velocity of Highâ€Speed Solar Wind Streams as Measured in the Ecliptic by ACE and the STEREO satellites on the Area and Coâ€latitude of Their Solar Source Coronal Holes. Journal of Geophysical Research: Space Physics, 2018, 123, 1738-1753.	2.4	29
106	Shrinking and Cooling of Flare Loops in a Two-Ribbon Flare. Solar Physics, 2006, 234, 273-299.	2.5	28
107	Oscillatory motions in an active prominence. Solar Physics, 1990, 127, 119-128.	2.5	26
108	Investigation of the Coronal Magnetic Field Using a Type II Solar Radio Burst. Solar Physics, 2014, 289, 251-261.	2.5	26

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109	Dynamics and internal structure of an eruptive prominence. Solar Physics, 1990, 127, 129-137.	2.5	25
110	Investigations of the sensitivity of a coronal mass ejection model (ENLIL) to solar input parameters. Space Weather, 2010, 8, n/a-n/a.	3.7	24
111	The oscillating loop prominence of July 17, 1981. Solar Physics, 1984, 94, 289-297.	2.5	23
112	Title is missing!. Solar Physics, 2000, 196, 279-297.	2.5	23
113	Transit Time of Coronal Mass Ejections under Different Ambient Solar Wind Conditions. Solar Physics, 2014, 289, 339-349.	2.5	23
114	Validation of Global EUV Wave MHD Simulations and Observational Techniques. Astrophysical Journal, 2021, 911, 118.	4.5	23
115	Helium 10830 â„« measurements of the Sun. Solar Physics, 1996, 163, 79-91.	2.5	22
116	Title is missing!. Solar Physics, 1997, 171, 1-34.	2.5	22
117	A Method to Determine the Solar Synodic Rotation Rate and the Height of Tracers. Solar Physics, 1998, 179, 237-252.	2.5	22
118	Comparative Analysis of Type ii Bursts and of Thermal and non-Thermal Flare Signatures. Solar Physics, 2001, 202, 319-335.	2.5	22
119	Formation of Coronal Shock Waves. Solar Physics, 2013, 286, 509-528.	2.5	21
120	Title is missing!. Solar Physics, 1999, 185, 207-225.	2.5	20
121	Type II bursts in Meter and Decameterâ€‰â€“â€‰Hectometer Wavelength Ranges and Their Relation to Flares andÂCMEs. Solar Physics, 2009, 258, 105-118.	2.5	20
122	Improved forecasts of solar wind parameters using the Kalman filter. Space Weather, 2011, 9, .	3.7	20
123	Deriving CME Density From Remote Sensing Data and Comparison to Inâ€Situ Measurements. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028380.	2.4	20
124	Relative Kinematics of the Leading Edge andÂtheÂProminence in Coronal Mass Ejections. Solar Physics, 2009, 260, 177-189.	2.5	19
125	Probabilistic Drag-Based Ensemble Model (DBEM) Evaluation for Heliospheric Propagation of CMEs. Solar Physics, 2021, 296, 1.	2.5	19
126	Geomagnetic Effects of Corotating Interaction Regions. Solar Physics, 2017, 292, 1.	2.5	18

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127	Evolution of Coronal Mass Ejections and the Corresponding Forbush Decreases: Modeling vs. Multi-Spacecraft Observations. Solar Physics, 2020, 295, 1.	2.5	18
128	Drag-Based Model (DBM) Tools for Forecast of Coronal Mass Ejection Arrival Time and Speed. Frontiers in Astronomy and Space Sciences, 2021, 8, .	2.8	18
129	Type II Radio Bursts with High and Low Starting Frequencies. Solar Physics, 2009, 254, 297-310.	2.5	17
130	Analyses of magnetic field structures for active region 10720 using a data-driven 3D MHD model. Advances in Space Research, 2009, 44, 46-53.	2.6	17
131	Characteristics of Type-II Radio Bursts Associated with Flares and CMEs. Solar Physics, 2011, 273, 143-162.	2.5	17
132	Using Forbush Decreases to Derive the Transit Time of ICMEs Propagating from 1 AU to Mars. Journal of Geophysical Research: Space Physics, 2018, 123, 39-56.	2.4	17
133	Title is missing!. Solar Physics, 1999, 184, 281-296.	2.5	16
134	Interaction Between Two CMEs During 14â€‰â€“â€‰15 February 2011 and Their Unusual Radio Signature. Solar Physics, 2014, 289, 4621-4632.	2.5	15
135	A Numerical Simulation of Coronal Waves Interacting with Coronal Holes. I. Basic Features. Astrophysical Journal, 2017, 850, 88.	4.5	14
136	Interaction of an Erupting Filament with the Ambient Magnetoplasma and Escape of Electron Beams. Solar Physics, 2003, 217, 187-198.	2.5	12
137	On the solar rotation and activity. Astronomische Nachrichten, 2007, 328, 1013-1015.	1.2	12
138	Type-II Bursts in Meter and Deca â€“ Hectometer Wavelengths andÂTheir Relation to Flares andÂCMEs: II. Solar Physics, 2010, 266, 135-147.	2.5	12
139	Evolution of Solar and Geomagnetic Activity Indices, and Their Relationship: 1960â€‰â€“â€‰2001. Solar Physics, 2011, 271, 183-195.	2.5	12
140	Forbush Decrease Prediction Based on Remote Solar Observations. Solar Physics, 2016, 291, 285-302.	2.5	12
141	The magnetic flux and self-inductivity of a thick toroidal current. Journal of Plasma Physics, 2007, 73, 741-756.	2.1	11
142	Numerical Simulation of Coronal Waves Interacting with Coronal Holes. II. Dependence on AlfvÃ©n Speed Inside the Coronal Hole. Astrophysical Journal, 2018, 857, 130.	4.5	11
143	Type II solar radio burst band-splitting: Measure of coronal magnetic field strength. Journal of Atmospheric and Solar-Terrestrial Physics, 2018, 172, 75-82.	1.6	11
144	Numerical Simulation of Coronal Waves Interacting with Coronal Holes. III. Dependence on Initial Amplitude of the Incoming Wave. Astrophysical Journal, 2018, 860, 24.	4.5	11

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145	Spatial Distribution and Northâ€“South Asymmetry of Coronal Bright Points from Mid-1998 to Mid-1999. Solar Physics, 2005, 231, 29-44.	2.5	10
146	The Waveâ€“Driver System of the Off-Disk Coronal Wave of 17 January 2010. Solar Physics, 2013, 287, 441-454.	2.5	9
147	Analytical and empirical modelling of the origin and heliospheric propagation of coronal mass ejections, and space weather applications. Journal of Space Weather and Space Climate, 2021, 11, 34.	3.3	9
148	Cosmic ray modulation by corotating interaction regions. Proceedings of the International Astronomical Union, 2008, 4, 425-427.	0.0	8
149	Investigation of X-class Flare-Associated Coronal Mass Ejections with and without DH Type II Radio Bursts. Solar Physics, 2015, 290, 3365-3377.	2.5	8
150	Helical Eruptive Prominence Associated with a Pair of Overlapping CMEs on 21 April 2001. Solar Physics, 2007, 240, 89-105.	2.5	7
151	Radial Evolution of Well-Observed Slow CMEs inÂtheÂDistance Range 2â€‰â€“â€‰30 R âŠ™. Solar Physics, 2009, 257, 351-361.	2.5	7
152	Characteristics of DH type II bursts, CMEs and flares with respect to the acceleration of CMEs. Astrophysics and Space Science, 2012, 337, 47-64.	1.4	7
153	Correlation between CME and Flare Parameters (with and without Type II Bursts). Solar Physics, 2011, 270, 273-284.	2.5	6
154	Sun-to-Earth Observations and Characteristics of Isolated Earth-Impacting Interplanetary Coronal Mass Ejections During 2008â€‰â€“â€‰2014. Solar Physics, 2020, 295, 1.	2.5	6
155	Determination of coronal mass ejection orientation and consequences for their propagation. Astronomy and Astrophysics, 2022, 661, A155.	5.1	6
156	COMMISSION 10: SOLAR ACTIVITY. Proceedings of the International Astronomical Union, 2008, 4, 79-103.	0.0	5
157	Validation of the CME Geomagnetic Forecast Alerts Under the COMESEP Alert System. Solar Physics, 2017, 292, 1.	2.5	5
158	Gradual Pre-eruptive Phase of Solar Coronal Eruptions. Frontiers in Astronomy and Space Sciences, 2019, 6, .	2.8	5
159	Characteristics of Flares with HÎ± Emission Protruding over Major Sunspot Umbrae. Solar Physics, 2000, 194, 285-303.	2.5	4
160	On the Interaction of Galactic Cosmic Rays with Heliospheric Shocks During Forbush Decreases. Solar Physics, 2020, 295, 1.	2.5	4
161	The role of aerodynamic drag in dynamics of coronal mass ejections. Proceedings of the International Astronomical Union, 2008, 4, 271-277.	0.0	3
162	Coronal Shocks Associated with Impulsive and Decaying Phases of Solar Flares. Solar Physics, 2010, 264, 353-364.	2.5	3

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163	COMMISSION 10: SOLAR ACTIVITY. Proceedings of the International Astronomical Union, 2011, 7, 69-80.	0.0	3
164	Investigation on M-class Flare-Associated Coronal Mass Ejections with and Without DH Type II Radio Bursts. Solar Physics, 2017, 292, 1.	2.5	3
165	Study of Interplanetary CMEs/Shocks During Solar Cycle 24 Using Drag-Based Model: The Role of Solar Wind. Solar Physics, 2019, 294, 1.	2.5	3
166	Analytic modeling of recurrent Forbush decreases caused by corotating interaction regions. Astronomy and Astrophysics, 2022, 658, A186.	5.1	3
167	Prominence Eruptions. International Astronomical Union Colloquium, 1998, 167, 302-309.	0.1	1
168	An Analysis of the Solar Rotation Velocity by Tracing Coronal Features. Symposium - International Astronomical Union, 2001, 203, 377-380.	0.1	1
169	Exact Solution of Jump Relations at Discontinuities in a Two-And-Half-Dimensional Compressible Reconnection Model. Proceedings of the International Astronomical Union, 2004, 2004, 274-276.	0.0	1
170	Millisecond solar radio bursts in the metric wavelength range. AIP Conference Proceedings, 2006, , .	0.4	0
171	Initiation of Coronal Mass Ejections by Sunspot Rotation. Proceedings of the International Astronomical Union, 2013, 8, 201-208.	0.0	0
172	THE ROLE OF RECONNECTION IN THE CME/FLARE PROCESS. , 2009, , 43-58.		0
173	Solar TErrestrial Relations Observatory-A (STEREO-A) and PRoject for On-Board Autonomy 2 (PROBA2) Quadrature Observations of Reflections of Three EUV Waves from a Coronal Hole. , 2012, , 201-219.		0
174	The Physical Processes of CME/ICME Evolution. Space Sciences Series of ISSI, 2017, , 165-225.	0.0	0
175	Validation of the CME Geomagnetic Forecast Alerts Under the COMESEP Alert System. , 2017, , 689-702.		0
176	The Origin, Early Evolution and Predictability of Solar Eruptions. Space Sciences Series of ISSI, 2019, , 113-164.	0.0	0