Nat Gopalswamy

List of Publications by Year
in descending order

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398 papers	17,395 citations	10956 71 h-index	20307 116 g-index
414 all docs	414 docs citations	414 times ranked	4429 citing authors

#	Article	IF	Citations
1	A catalog of white light coronal mass ejections observed by the SOHO spacecraft. Journal of Geophysical Research, 2004, 109, .	3.3	870
2	Solar and interplanetary sources of major geomagnetic storms (Dst â‰¤ â^'100 nT) during 1996â€“2005. Journal of Geophysical Research, 2007, 112, .	3.3	485
3	The SOHO/LASCO CME Catalog. Earth, Moon and Planets, 2009, 104, 295-313.	0.3	451
4	Interplanetary acceleration of coronal mass ejections. Geophysical Research Letters, 2000, 27, 145-148.	1.5	437
5	Corotating solar wind streams and recurrent geomagnetic activity: A review. Journal of Geophysical Research, 2006, 111, .	3.3	396
6	Predicting the 1-AU arrival times of coronal mass ejections. Journal of Geophysical Research, 2001, 106, 29207-29217.	3.3	368
7	Prominence Eruptions and Coronal Mass Ejection: A Statistical Study Using Microwave Observations. Astrophysical Journal, 2003, 586, 562-578.	1.6	292
8	Radio Signatures of Coronal Mass Ejection Interaction: Coronal Mass Ejection Cannibalism?. Astrophysical Journal, 2001, 548, L91-L94.	1.6	281
9	Understanding space weather to shield society: A global road map for 2015â€“2025 commissioned by COSPAR and ILWS. Advances in Space Research, 2015, 55, 2745-2807.	1.2	256
10	Intensity variation of large solar energetic particle events associated with coronal mass ejections. Journal of Geophysical Research, 2004, 109, .	3.3	248
11	Properties of Ground Level Enhancement Events and the Associated Solar Eruptions During Solar Cycle 23. Space Science Reviews, 2012, 171, 23-60.	3.7	237
12	Energy partition in two solar flare/CME events. Journal of Geophysical Research, 2004, 109, .	3.3	223
13	Interacting Coronal Mass Ejections and Solar Energetic Particles. Astrophysical Journal, 2002, 572, L103-L107.	1.6	221
14	Characteristics of coronal mass ejections associated with long-wavelength type II radio bursts. Journal of Geophysical Research, 2001, 106, 29219-29229.	3.3	198
15	Different Power-Law Indices in the Frequency Distributions of Flares with and without Coronal Mass Ejections. Astrophysical Journal, 2006, 650, L143-L146.	1.6	198
16	Near-Sun and near-Earth manifestations of solar eruptions. Journal of Geophysical Research, 2001, 106, 25261-25277.	3.3	182
17	A Statistical Study of Two Classes of Coronal Mass Ejections. Astrophysical Journal, 2002, 581, 694-702.	1.6	182
18	Geoeffectiveness of halo coronal mass ejections. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	176

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19	Is in vivo measurement of size of polyps during colonoscopy accurate?. Gastrointestinal Endoscopy, 1997, 46, 497-502.	0.5	157
20	Coronal mass ejections and other extreme characteristics of the 2003 October-November solar eruptions. Journal of Geophysical Research, 2005, 110, .	3.3	153
21	CME interactions with coronal holes and their interplanetary consequences. Journal of Geophysical Research, 2009, 114, .	3.3	150
22	Coronal Mass Ejections and Solar Polarity Reversal. Astrophysical Journal, 2003, 598, L63-L66.	1.6	145
23	Origin of coronal and interplanetary shocks: A new look with Wind spacecraft data. Journal of Geophysical Research, 1998, 103, 307-316.	3.3	144
24	EUV WAVE REFLECTION FROM A CORONAL HOLE. Astrophysical Journal, 2009, 691, L123-L127.	1.6	137
25	Relation Between Type II Bursts and CMEs Inferred from STEREO Observations. Solar Physics, 2009, 259, 227-254.	1.0	136
26	Visibility of coronal mass ejections as a function of flare location and intensity. Journal of Geophysical Research, 2005, 110, .	3.3	131
27	Band-splitting of coronal and interplanetary type II bursts. Astronomy and Astrophysics, 2001, 377, 321-329.	2.1	125
28	Impact of space weather on climate and habitability of terrestrial-type exoplanets. International Journal of Astrobiology, 2020, 19, 136-194.	0.9	125
29	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
30	A New Method for Estimating Widths, Velocities, and Source Location of Halo Coronal Mass Ejections. Astrophysical Journal, 2003, 584, 472-478.	1.6	120
31	Type II radio bursts and energetic solar eruptions. Journal of Geophysical Research, 2005, 110, .	3.3	120
32	Coronal mass ejections of solar cycle 23. Journal of Astrophysics and Astronomy, 2006, 27, 243-254.	0.4	119
33	Coronal mass ejections, type II radio bursts, and solar energetic particle events in the SOHO era. Annales Geophysicae, 2008, 26, 3033-3047.	0.6	119
34	Properties of Interplanetary Coronal Mass Ejections. Space Science Reviews, 2007, 124, 145-168.	3.7	118
35	Solar Sources of Impulsive Solar Energetic Particle Events and Their Magnetic Field Connection to the Earth. Astrophysical Journal, 2006, 650, 438-450.	1.6	116
36	Percutaneous endoscopic gastrostomy: a randomized prospective comparison of early and delayed feeding. Gastrointestinal Endoscopy, 1996, 44, 164-167.	0.5	113

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37	Influence of coronal mass ejection interaction on propagation of interplanetary shocks. Journal of Geophysical Research, 2004, 109, .	3.3	113
38	Kinematics of coronal mass ejections between 2 and 30 solar radii. Astronomy and Astrophysics, 2004, 423, 717-728.	2.1	113
39	Anomalous expansion of coronal mass ejections during solar cycle 24 and its space weather implications. Geophysical Research Letters, 2014, 41, 2673-2680.	1.5	113
40	A Global Picture of CMEs in the Inner Heliosphere. Astrophysics and Space Science Library, 2004, , 201-251.	1.0	113
41	Observations of the 24 September 1997 Coronal Flare Waves. Solar Physics, 2000, 193, 161-180.	1.0	111
42	IMPLICATIONS OF MASS AND ENERGY LOSS DUE TO CORONAL MASS EJECTIONS ON MAGNETICALLY ACTIVE STARS. Astrophysical Journal, 2013, 764, 170.	1.6	111
43	The Energetic Particle Detector. Astronomy and Astrophysics, 2020, 642, A7.	2.1	107
44	Properties and geoeffectiveness of magnetic clouds during solar cycles 23 and 24. Journal of Geophysical Research: Space Physics, 2015, 120, 9221-9245.	0.8	106
45	History and development of coronal mass ejections as a key player in solar terrestrial relationship. Geoscience Letters, 2016, 3, .	1.3	105
46	Solar sources and geospace consequences of interplanetary magnetic clouds observed during solar cycle 23. Journal of Atmospheric and Solar-Terrestrial Physics, 2008, 70, 245-253.	0.6	104
47	Solar source of the largest geomagnetic storm of cycle 23. Geophysical Research Letters, 2005, 32, n/a-n/a.	1.5	103
48	Statistical Distributions of Speeds of Coronal Mass Ejections. Astrophysical Journal, 2005, 619, 599-603.	1.6	98
49	THE STRENGTH AND RADIAL PROFILE OF THE CORONAL MAGNETIC FIELD FROM THE STANDOFF DISTANCE OF A CORONAL MASS EJECTION-DRIVEN SHOCK. Astrophysical Journal Letters, 2011, 736, L17.	3.0	98
50	THE FIRST GROUND LEVEL ENHANCEMENT EVENT OF SOLAR CYCLE 24: DIRECT OBSERVATION OF SHOCK FORMATION AND PARTICLE RELEASE HEIGHTS. Astrophysical Journal Letters, 2013, 765, L30.	3.0	97
51	Major solar eruptions and high-energy particle events during solar cycle 24. Earth, Planets and Space, 2014, 66, .	0.9	97
52	INTERPLANETARY SHOCKS LACKING TYPE II RADIO BURSTS. Astrophysical Journal, 2010, 710, 1111-1126.	1.6	94
53	MINIFILAMENT ERUPTIONS THAT DRIVE CORONAL JETS IN A SOLAR ACTIVE REGION. Astrophysical Journal, 2016, 821, 100.	1.6	94
54	SOHO and radio observations of a CME shock wave. Geophysical Research Letters, 2000, 27, 1439-1442.	1.5	92

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55	CORONAL MAGNETIC FIELD MEASUREMENT FROM EUV IMAGES MADE BY THESOLAR DYNAMICS OBSERVATORY. Astrophysical Journal, 2012, 744, 72.	1.6	91
56	An empirical model to predict the 1-AU arrival of interplanetary shocks. Advances in Space Research, 2005, 36, 2289-2294.	1.2	89
57	Radio-rich solar eruptive events. Geophysical Research Letters, 2000, 27, 1427-1430.	1.5	87
58	Coronal Dimming Associated with a Giant Prominence Eruption. Astrophysical Journal, 1998, 498, L179-L182.	1.6	85
59	Properties of Interplanetary Coronal Mass Ejections. Space Sciences Series of ISSI, 2007, , 145-168.	0.0	84
60	Large solar energetic particle events of cycle 23: A global view. Geophysical Research Letters, 2003, 30, .	1.5	83
61	On the relationship between coronal mass ejections and magnetic clouds. Geophysical Research Letters, 1998, 25, 2485-2488.	1.5	82
62	A comparison of coronal mass ejections identified by manual and automatic methods. Annales Geophysicae, 2008, 26, 3103-3112.	0.6	82
63	Introduction to the special section: Violent Sun-Earth connection events of Octoberâ€“November 2003. Geophysical Research Letters, 2005, 32, .	1.5	81
64	Height of shock formation in the solar corona inferred from observations of type II radio bursts and coronal mass ejections. Advances in Space Research, 2013, 51, 1981-1989.	1.2	81
65	Early life of coronal mass ejections. Journal of Atmospheric and Solar-Terrestrial Physics, 2000, 62, 1457-1469.	0.6	77
66	On the Rates of Coronal Mass Ejections: Remote Solar and In Situ Observations. Astrophysical Journal, 2006, 647, 648-653.	1.6	77
67	LARGE SOLAR ENERGETIC PARTICLE EVENTS ASSOCIATED WITH FILAMENT ERUPTIONS OUTSIDE ACTIVE REGIONS. Astrophysical Journal, 2015, 806, 8.	1.6	77
68	Millimeter, microwave, hard X-ray, and soft X-ray observations of energetic electron populations in solar flares. Astrophysical Journal, Supplement Series, 1994, 90, 599.	3.0	75
69	Coronal Mass Ejections and Non-recurrent Forbush Decreases. Solar Physics, 2014, 289, 3949-3960.	1.0	74
70	A statistical study of CMEs associated with metric type II bursts. Geophysical Research Letters, 2003, 30, .	1.5	73
71	The Pre-CME Sun. Space Science Reviews, 2006, 123, 303-339.	3.7	73
72	Radioâ€Quiet Fast and Wide Coronal Mass Ejections. Astrophysical Journal, 2008, 674, 560-569.	1.6	73

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73	Coronal Observations of CMEs. Space Science Reviews, 2006, 123, 127-176.	3.7	72
74	Solar connections of geoeffective magnetic structures. Journal of Atmospheric and Solar-Terrestrial Physics, 2008, 70, 2078-2100.	0.6	70
75	THE PECULIAR BEHAVIOR OF HALO CORONAL MASS EJECTIONS IN SOLAR CYCLE 24. Astrophysical Journal Letters, 2015, 804, L23.	3.0	70
76	Spatial Relationship between Solar Flares and Coronal Mass Ejections. Astrophysical Journal, 2008, 673, 1174-1180.	1.6	68
77	The solar origin of the January 1997 coronal mass ejection, magnetic cloud and geomagnetic storm. Geophysical Research Letters, 1998, 25, 2469-2472.	1.5	67
78	Long-lived geomagnetic storms and coronal mass ejections. Journal of Geophysical Research, 2006, 111, .	3.3	67
79	Extreme Kinematics of the 2017 September 10 Solar Eruption and the Spectral Characteristics of the Associated Energetic Particles. Astrophysical Journal Letters, 2018, 863, L39.	3.0	66
80	Estimation of the mass of a coronal mass ejection from radio observations. Astrophysical Journal, 1992, 390, L37.	1.6	65
81	Geometrical Relationship Between Interplanetary Flux Ropes and Their Solar Sources. Solar Physics, 2015, 290, 1371-1397.	1.0	64
82	Non-radial motion of eruptive filaments. Solar Physics, 2001, 203, 119-130.	1.0	63
83	Estimation of Reconnection Flux Using Post-eruption Arcades and Its Relevance to Magnetic Clouds at 1 AU. Solar Physics, 2017, 292, 1.	1.0	62
84	Coronal Mass Ejections from Sunspot and Non-Sunspot Regions. Thirty Years of Astronomical Discovery With UKIRT, 2010, , 289-307.	0.3	61
85	Interplanetary radio emission due to interaction between two coronal mass ejections. Geophysical Research Letters, 2002, 29, 106-1-106-4.	1.5	59
86	Arrival time of halo coronal mass ejections in the vicinity of the Earth. Astronomy and Astrophysics, 2004, 423, 729-736.	2.1	59
87	Introduction to violent Sun-Earth connection events of October-November 2003. Journal of Geophysical Research, 2005, 110, .	3.3	58
88	Conservation of open solar magnetic flux and the floor in the heliospheric magnetic field. Geophysical Research Letters, 2008, 35, .	1.5	58
89	GROUND LEVEL ENHANCEMENT IN THE 2014 JANUARY 6 SOLAR ENERGETIC PARTICLE EVENT. Astrophysical Journal Letters, 2014, 790, L13.	3.0	58
90	THE 2012 JULY 23 BACKSIDE ERUPTION: AN EXTREME ENERGETIC PARTICLE EVENT?. Astrophysical Journal, 2016, 833, 216.	1.6	58

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91	BEHAVIOR OF SOLAR CYCLES 23 AND 24 REVEALED BY MICROWAVE OBSERVATIONS. Astrophysical Journal Letters, 2012, 750, L42.	3.0	57
92	Earth-affecting solar transients: a review of progresses in solar cycle 24. Progress in Earth and Planetary Science, 2021, 8, 56.	1.1	56
93	Xâ€Ray and Radio Studies of a Coronal Eruption: Shock Wave, Plasmoid, and Coronal Mass Ejection. Astrophysical Journal, 1997, 486, 1036-1044.	1.6	53
94	Radial Evolution and Turbulence Characteristics of a Coronal Mass Ejection. Astrophysical Journal, 2000, 530, 1061-1070.	1.6	53
95	Statistical analysis of coronal shock dynamics implied by radio and white-light observations. Journal of Geophysical Research, 2001, 106, 25279-25289.	3.3	52
96	A Quarter Century ofWindSpacecraft Discoveries. Reviews of Geophysics, 2021, 59, e2020RG000714.	9.0	52
97	Relationships Among Magnetic Clouds, CMES, and Geomagnetic Storms. Solar Physics, 2006, 239, 449-460.	1.0	50
98	Earth-Affecting Solar Causes Observatory (EASCO): A potential International Living with a Star Mission from Sunâ€“Earth L5. Journal of Atmospheric and Solar-Terrestrial Physics, 2011, 73, 658-663.	0.6	50
99	Type II radio emissions in the frequency range from 1-14 MHz associated with the April 7, 1997 solar event. Geophysical Research Letters, 1998, 25, 2501-2504.	1.5	49
100	Testing the empirical shock arrival model using quadrature observations. Space Weather, 2013, 11, 661-669.	1.3	48
101	Coronal Hole Influence on the Observed Structure of Interplanetary CMEs. Solar Physics, 2013, 284, 59-75.	1.0	47
102	Structure and dynamics of the corona surrounding an eruptive prominence. Advances in Space Research, 2000, 25, 1851-1854.	1.2	46
103	Coronal Mass Ejections and Type II Radio Bursts. , 2006, , 207.		46
104	Microwave enhancement and variability in the elephant's trunk coronal hole: Comparison with SOHO observations. Journal of Geophysical Research, 1999, 104, 9767-9779.	3.3	45
105	Short-term variability of the Sun-Earth system: an overview of progress made during the CAWSES-II period. Progress in Earth and Planetary Science, 2015, 2, .	1.1	45
106	Statistical relationship between solar flares and coronal mass ejections. Proceedings of the International Astronomical Union, 2008, 4, 233-243.	0.0	44
107	Magnetic storms caused by corotating solar wind streams. Geophysical Monograph Series, 2006, , 1-17.	0.1	43
108	THE LOCATION OF SOLAR METRIC TYPE II RADIO BURSTS WITH RESPECT TO THE ASSOCIATED CORONAL MASS EJECTIONS. Astrophysical Journal, 2012, 752, 107.	1.6	42

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109	The Solar Connection of Enhanced Heavy Ion Charge States in the Interplanetary Medium: Implications for the Flux-Rope Structure of CMEs. Solar Physics, 2013, 284, 17-46.	1.0	42
110	Thermal and nonthermal emissions during a coronal mass ejection. Solar Physics, 1993, 143, 327-343.	1.0	41
111	Variability of solar eruptions during cycle 23. Advances in Space Research, 2004, 34, 391-396.	1.2	41
112	Strong magnetic fields and inhomogeneity in the solar corona. Astrophysical Journal, 1991, 366, L43.	1.6	41
113	Merged interaction regions at 1 AU. Journal of Geophysical Research, 2003, 108, .	3.3	40
114	Coronal flux ropes and their interplanetary counterparts. Journal of Atmospheric and Solar-Terrestrial Physics, 2018, 180, 35-45.	0.6	40
115	A small mission concept to the Sunâ€“Earth Lagrangian L5 point for innovative solar, heliospheric and space weather science. Journal of Atmospheric and Solar-Terrestrial Physics, 2016, 146, 171-185.	0.6	39
116	Solar and geospace connections of energetic particle events. Geophysical Research Letters, 2003, 30, .	1.5	37
117	Near-Sun Flux-Rope Structure of CMEs. Solar Physics, 2013, 284, 47-58.	1.0	37
118	UNUSUAL POLAR CONDITIONS IN SOLAR CYCLE 24 AND THEIR IMPLICATIONS FOR CYCLE 25. Astrophysical Journal Letters, 2016, 823, L15.	3.0	37
119	ICME Evolution in the Inner Heliosphere. Solar Physics, 2020, 295, 1.	1.0	37
120	RADIOHELIOGRAPH OBSERVATIONS OF METRIC TYPE II BURSTS AND THE KINEMATICS OF CORONAL MASS EJECTIONS. Astrophysical Journal, 2010, 712, 188-193.	1.6	36
121	MAGNETIC FIELD STRENGTH IN THE UPPER SOLAR CORONA USING WHITE-LIGHT SHOCK STRUCTURES SURROUNDING CORONAL MASS EJECTIONS. Astrophysical Journal, 2012, 746, 118.	1.6	36
122	Predicting the Magnetic Field of Earth-impacting CMEs. Astrophysical Journal, 2017, 835, 117.	1.6	36
123	A numerical study on the acceleration and transit time of coronal mass ejections in the interplanetary medium. Journal of Geophysical Research, 2003, 108, .	3.3	35
124	Extreme Solar Eruptions and their Space Weather Consequences. , 2018, , 37-63.		35
125	Soft Xâ€Ray and Gyroresonance Emission above Sunspots. Astrophysical Journal, Supplement Series, 2000, 130, 485-499.	3.0	35
126	Measurements of Threeâ€dimensional Coronal Magnetic Fields from Coordinated Extremeâ€Ultraviolet and Radio Observations of a Solar Active Region Sunspot. Astrophysical Journal, 2002, 574, 453-466.	1.6	35

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127	Radio and Xâ€Ray Studies of a Coronal Mass Ejection Associated with a Very Slow Prominence Eruption. Astrophysical Journal, 1997, 475, 348-360.	1.6	34
128	The relation between coronal holes and coronal mass ejections during the rise, maximum, and declining phases of Solar Cycle 23. Journal of Geophysical Research, 2012, 117, .	3.3	34
129	New Evidence for a Coronal Mass Ejection-driven High Frequency Type II Burst near the Sun. Astrophysical Journal, 2017, 843, 10.	1.6	34
130	Long-term solar activity studies using microwave imaging observations and prediction for cycle 25. Journal of Atmospheric and Solar-Terrestrial Physics, 2018, 176, 26-33.	0.6	34
131	Coronal mass ejections: Initiation and detection. Advances in Space Research, 2003, 31, 869-881.	1.2	33
132	Properties and geoeffectiveness of halo coronal mass ejections. Space Weather, 2006, 4, n/a-n/a.	1.3	33
133	Correction to â€œSolar and interplanetary sources of major geomagnetic storms (Dst â‰¤ â^'100 nT) during 1996â€“2005â€. Journal of Geophysical Research, 2007, 112, .	3.3	32
134	Deflection and Rotation of CMEs from Active Region 11158. Solar Physics, 2017, 292, 1.	1.0	32
135	Type II solar radio bursts. Geophysical Monograph Series, 2000, , 123-135.	0.1	31
136	Recent advances in the long-wavelength radio physics of the Sun. Planetary and Space Science, 2004, 52, 1399-1413.	0.9	31
137	DETERMINATION OF THE HELIOSPHERIC RADIAL MAGNETIC FIELD FROM THE STANDOFF DISTANCE OF A CME-DRIVEN SHOCK OBSERVED BY THESTEREOSPACECRAFT. Astrophysical Journal, 2012, 758, 118.	1.6	31
138	A HIGH-FREQUENCY TYPE II SOLAR RADIO BURST ASSOCIATED WITH THE 2011 FEBRUARY 13 CORONAL MASS EJECTION. Astrophysical Journal, 2013, 765, 148.	1.6	31
139	Transient microwave brightenings in solar active regions: Comparison between VLA and YOHKOH observations. Astrophysical Journal, 1994, 437, 522.	1.6	31
140	Dependence of solar proton events on their associated activities: Coronal mass ejection parameters. Journal of Geophysical Research, 2012, 117, .	3.3	30
141	Propagation Characteristics of CMEs Associated with Magnetic Clouds and Ejecta. Solar Physics, 2013, 284, 77-88.	1.0	30
142	ESTIMATING THE HEIGHT OF CMEs ASSOCIATED WITH A MAJOR SEP EVENT AT THE ONSET OF THE METRIC TYPE II RADIO BURST DURING SOLAR CYCLES 23 AND 24. Astrophysical Journal, 2015, 806, 13.	1.6	30
143	Interplanetary Type II Radio Bursts from Wind/WAVES and Sustained Gamma-Ray Emission from Fermi/LAT: Evidence for Shock Source. Astrophysical Journal Letters, 2018, 868, L19.	3.0	30
144	The Effects of Uncertainty in Initial CME Input Parameters on Deflection, Rotation, B_z, and Arrival Time Predictions. Journal of Geophysical Research: Space Physics, 2018, 123, 7220-7240.	0.8	30

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145	SIGNATURES OF CORONAL CURRENTS IN MICROWAVE IMAGES. Solar Physics, 1997, 174, 175-190.	1.0	29
146	Structure of a Large low-Latitude Coronal Hole. Solar Physics, 2000, 193, 181-193.	1.0	29
147	Coronal Mass Ejections and Galactic Cosmicâ€Ray Modulation. Astrophysical Journal, 2005, 625, 441-450.	1.6	29
148	Energetic storm particle events in coronal mass ejection-driven shocks. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	29
149	Dependence of Coronal Mass Ejection Properties on Their Solar Source Active Region Characteristics and Associated Flare Reconnection Flux. Astrophysical Journal, 2018, 865, 4.	1.6	29
150	On the Origin, 3D Structure and Dynamic Evolution ofÂCMEs Near Solar Minimum. Solar Physics, 2009, 259, 143-161.	1.0	28
151	The CME link to geomagnetic storms. Proceedings of the International Astronomical Union, 2009, 5, 326-335.	0.0	28
152	Coronal magnetic structures observing campaign. I - Simultaneous microwave and soft X-ray observations of active regions at the solar limb. Astrophysical Journal, 1991, 374, 374.	1.6	28
153	Large-scale features of the sun at 20 centimeter wavelength. Astrophysical Journal, 1991, 379, 366.	1.6	28
154	Are halo coronal mass ejections special events?. Journal of Geophysical Research, 2006, 111, .	3.3	27
155	MAXIMUM CORONAL MASS EJECTION SPEED AS AN INDICATOR OF SOLAR AND GEOMAGNETIC ACTIVITIES. Astrophysical Journal, 2011, 727, 44.	1.6	27
156	The Radio Observatory on the Lunar Surface for Solar studies. Advances in Space Research, 2011, 48, 1942-1957.	1.2	27
157	Relation Between the 3D-Geometry of the Coronal Wave and Associated CME During the 26 April 2008 Event. Solar Physics, 2011, 273, 421-432.	1.0	27
158	VLA and YOHKOH Observations of an M1.5 Flare. Astrophysical Journal, 1995, 455, 715.	1.6	27
159	Yohkoh/SXT observations of a coronal mass ejection near the solar surface. New Astronomy, 1996, 1, 207-213.	0.8	26
160	Effects of solar wind dynamic pressure and preconditioning on large geomagnetic storms. Geophysical Research Letters, 2008, 35, .	1.5	26
161	The Dynamics of Eruptive Prominences. Astrophysics and Space Science Library, 2015, , 381-410.	1.0	26
162	Radioheliograph and white-light coronagraph studies of a coronal mass ejection event. Solar Physics, 1989, 122, 145-173.	1.0	25

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163	Solar eruptions and long wavelength radio bursts: The 1997 May 12 event. Advances in Space Research, 2002, 29, 307-312.	1.2	25
164	Comparison of Dst forecast models for intense geomagnetic storms. Journal of Geophysical Research, 2012, 117, .	3.3	25
165	A multiwavelength study of eruptive events on January 23, 2012 associated with a major solar energetic particle event. Advances in Space Research, 2013, 52, 1-14.	1.2	25
166	Direct Estimates of the Solar Coronal Magnetic Field Using Contemporaneous Extreme-ultraviolet, Radio, and White-light Observations. Astrophysical Journal, 2019, 881, 24.	1.6	25
167	Simultaneous observations of solar plage with the solar extreme ultraviolet rocket telescope and spectrograph (SERTS), the VLA, and the Kitt Peak magnetograph. Astrophysical Journal, 1993, 411, 410.	1.6	25
168	Imaging observations of the evolution of meter-decameter burst emission during a major flare. Solar Physics, 1987, 111, 347-363.	1.0	24
169	Simultaneous radio and white light observations of the 1984 June 27 coronal mass ejection event. Solar Physics, 1987, 114, 347-362.	1.0	24
170	High-energy solar particle events in cycle 24. Journal of Physics: Conference Series, 2015, 642, 012012.	0.3	24
171	On the reduced geoeffectiveness of solar cycle 24: A moderate storm perspective. Journal of Geophysical Research: Space Physics, 2016, 121, 8188-8202.	0.8	24
172	Two Exceptions in the Large SEP Events of Solar Cycles 23 and 24. Solar Physics, 2016, 291, 513-530.	1.0	24
173	Propagation of electrons emitting weak type III bursts in coronal streamers. Solar Physics, 1987, 108, 333-345.	1.0	23
174	Change in photospheric magnetic flux during coronal mass ejections. Geophysical Research Letters, 2000, 27, 1435-1438.	1.5	23
175	A universal characteristic of type II radio bursts. Journal of Geophysical Research, 2005, 110, .	3.3	23
176	Improved input to the empirical coronal mass ejection (CME) driven shock arrival model from CME cone models. Space Weather, 2006, 4, n/a-n/a.	1.3	23
177	Halo coronal mass ejections and geomagnetic storms. Earth, Planets and Space, 2009, 61, 595-597.	0.9	23
178	Post-Eruption Arcades and Interplanetary Coronal Mass Ejections. Solar Physics, 2013, 284, 5-15.	1.0	23
179	Low-Frequency Type-II Radio Detections and Coronagraph Data Employed to Describe and Forecast the Propagation of 71 CMEs/Shocks. Solar Physics, 2015, 290, 2455-2478.	1.0	23
180	Sun-to-earth propagation of the 2015 June 21 coronal mass ejection revealed by optical, EUV, and radio observations. Journal of Atmospheric and Solar-Terrestrial Physics, 2018, 179, 225-238.	0.6	23

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181	Filament eruption and storm radiation at meter-decameter wavelengths. Solar Physics, 1990, 129, 133-152.	1.0	22
182	Width of Radio-Loud and Radio-Quiet CMEs. Solar Physics, 2007, 246, 409-414.	1.0	22
183	Evolution of the anemone AR NOAA 10798 and the related geoâ€effective flares and CMEs. Journal of Geophysical Research, 2009, 114, .	3.3	22
184	AN ESTIMATE OF THE CORONAL MAGNETIC FIELD NEAR A SOLAR CORONAL MASS EJECTION FROM LOW-FREQUENCY RADIO OBSERVATIONS. Astrophysical Journal, 2014, 795, 14.	1.6	22
185	The State of the Heliosphere Revealed by Limb-halo Coronal Mass Ejections in Solar Cycles 23 and 24. Astrophysical Journal Letters, 2020, 897, L1.	3.0	22
186	Interplanetary Radio Bursts. , 2004, , 305-333.		22
187	The radio signatures of a slow coronal mass ejection - Electron acceleration at slow-mode shocks?. Astrophysical Journal, 1989, 347, 505.	1.6	22
188	A slowly moving plasmoid associated with a filament eruption. Solar Physics, 1989, 122, 91-110.	1.0	21
189	Introduction to special section on corotating solar wind streams and recurrent geomagnetic activity. Journal of Geophysical Research, 2006, 111, .	3.3	21
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