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	Arrival Time Estimates of Earth-Directed CME-Driven Shocks. Solar Physics, 2022, 297, 1.	1.0	3
2	Solar activity and space weather. Journal of Physics: Conference Series, 2022, 2214, 012021.	0.3	4
3	Periodic Oscillations in LASCO Coronal Mass Ejection Speeds: Space Seismology. Astrophysical Journal Letters, 2022, 927, L16.	3.0	1
4	Eruption of the EUV Hot Channel from the Solar Limb and Associated Moving Type IV Radio Burst. Astrophysical Journal, 2022, 927, 108.	1.6	4
5	Modern Faraday Rotation Studies to Probe the Solar Wind. Frontiers in Astronomy and Space Sciences, 2022, 9, .	1.1	11
6	Interhemispheric Asymmetries in Ionospheric Electron Density Responses During Geomagnetic Storms: A Study Using Spaceâ€Based and Groundâ€Based GNSS and AMPERE Observations. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	4
7	Study of the Mass-loss Rate from the Sun. Astrophysical Journal, 2022, 930, 74.	1.6	2
8	Modeling the Eastâ€West Asymmetry of Energetic Particle Fluence in Large Solar Energetic Particle Events Using the iPATH Model. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	5
9	Can Type III Radio Storms be a Source of Seed Particles to Shock Acceleration?. , 2022, , .		0
10	The Balloon-Borne Investigation of Temperature and Speed of Electrons in the Corona (BITSE): Mission Description and Preliminary Results. Solar Physics, 2021, 296, 1.	1.0	12
11	Properties of High-Frequency Type II Radio Bursts and Their Relation to the Associated Coronal Mass Ejections. Solar Physics, 2021, 296, 1.	1.0	7
12	Imaging and Spectral Observations of a Type-II Radio Burst Revealing the Section of the CME-Driven Shock That Accelerates Electrons. Solar Physics, 2021, 296, 1.	1.0	10
13	Investigating Width Distribution of Slow and Fast CMEs in Solar Cycles 23 and 24. Frontiers in Astronomy and Space Sciences, 2021, 8, .	1.1	8
14	A Quarter Century ofWindSpacecraft Discoveries. Reviews of Geophysics, 2021, 59, e2020RG000714.	9.0	52
15	The Common Origin of High-energy Protons in Solar Energetic Particle Events and Sustained Gamma-Ray Emission from the Sun. Astrophysical Journal, 2021, 915, 82.	1.6	6
16	Total Solar Irradiance Variability on the Evolutionary Timescale and its Impact on the Earthâ€™s Mean Surface Temperature. Astrophysical Journal, 2021, 917, 86.	1.6	1
17	Earth-affecting solar transients: a review of progresses in solar cycle 24. Progress in Earth and Planetary Science, 2021, 8, 56.	1.1	56
18	Spotless days and geomagnetic index as the predictors of solar cycle 25. Research in Astronomy and Astrophysics, 2021, 21, 215.	0.7	8

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19	The Structural Connection between Coronal Mass Ejection Flux Ropes near the Sun and at 1 au. Astrophysical Journal, 2021, 922, 64.	1.6	6
20	Predictability of variable solarâ€“terrestrial coupling. Annales Geophysicae, 2021, 39, 1013-1035.	0.6	11
21	Impact of space weather on climate and habitability of terrestrial-type exoplanets. International Journal of Astrobiology, 2020, 19, 136-194.	0.9	125
22	The Energetic Particle Detector. Astronomy and Astrophysics, 2020, 642, A7.	2.1	107
23	Positron Processes in the Sun. Atoms, 2020, 8, 14.	0.7	6
24	A Modified Spheromak Model Suitable for Coronal Mass Ejection Simulations. Astrophysical Journal, 2020, 894, 49.	1.6	13
25	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
26	A Study of the Observational Properties of Coronal Mass Ejection Flux Ropes near the Sun*. Astrophysical Journal, 2020, 889, 104.	1.6	8
27	Source of Energetic Protons in the 2014 September 1 Sustained Gamma-ray Emission Event. Solar Physics, 2020, 295, 18.	1.0	12
28	An Observationally Constrained Analytical Model for Predicting the Magnetic Field Vectors of Interplanetary Coronal Mass Ejections at 1 au. Astrophysical Journal, 2020, 888, 121.	1.6	12
29	Space, time and velocity association of successive coronal mass ejections. Astronomy and Astrophysics, 2020, 635, A112.	2.1	4
30	ICME Evolution in the Inner Heliosphere. Solar Physics, 2020, 295, 1.	1.0	37
31	A catalog of prominence eruptions detected automatically in the SDO/AIA 304ÂÃ... images. Journal of Atmospheric and Solar-Terrestrial Physics, 2020, 205, 105324.	0.6	5
32	A comparison of CME expansion speeds between solar cycles 23 and 24. Journal of Physics: Conference Series, 2020, 1620, 012003.	0.3	4
33	Effect of the Weakened Heliosphere in Solar Cycle 24 on the Properties of Coronal Mass Ejections. Journal of Physics: Conference Series, 2020, 1620, 012005.	0.3	13
34	Intercycle and Intracycle Variation of Halo CME Rate Obtained from SOHO/LASCO Observations. Astrophysical Journal, 2020, 903, 118.	1.6	9
35	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
36	Statistical Study on Multispacecraft Widespread Solar Energetic Particle Events During Solar Cycle 24. Journal of Geophysical Research: Space Physics, 2019, 124, 6384-6402.	0.8	20

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37	On the Coronal Mass Ejection Detection Rate during Solar Cycles 23 and 24. Astrophysical Journal, 2019, 880, 51.	1.6	16
38	Statistical Survey of Coronal Mass Ejections and Interplanetary Type II Bursts. Astrophysical Journal, 2019, 882, 92.	1.6	14
39	Are Solar Energetic Particle Events and Type II Bursts Associated with Fast and Narrow Coronal Mass Ejections?. Solar Physics, 2019, 294, 1.	1.0	15
40	Global Energetics of Solar Flares. VII. Aerodynamic Drag in Coronal Mass Ejections. Astrophysical Journal, 2019, 877, 149.	1.6	7
41	Simulating Solar Coronal Mass Ejections Constrained by Observations of Their Speed and Poloidal Flux. Astrophysical Journal Letters, 2019, 875, L17.	3.0	12
42	Explicit IMF B_yâ€Effect Maximizes at Subauroral Latitudes (Dedicated to the) Tj ETQq0 0 0 rgBT /Overlock 10	0.8	5
43	On the Shock Source of Sustained Gamma-Ray Emission from the Sun. Journal of Physics: Conference Series, 2019, 1332, 012004.	0.3	13
44	New Evidence for a Coronal Mass Ejection-driven High Frequency Type II Burst near the Sun. , 2019, , .		0
45	The impact of CMEs on the critical frequency of F2-layer ionosphere (foF2). Proceedings of the International Astronomical Union, 2019, 15, 400-402.	0.0	2
46	Extreme Solar Eruptions and their Space Weather Consequences. , 2018, , 37-63.		35
47	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
48	Coronal flux ropes and their interplanetary counterparts. Journal of Atmospheric and Solar-Terrestrial Physics, 2018, 180, 35-45.	0.6	40
49	Coronal mass ejections as a new indicator of the active Sun. Proceedings of the International Astronomical Union, 2018, 13, 95-100.	0.0	2
50	Very narrow coronal mass ejections producing solar energetic particles. Astronomy and Astrophysics, 2018, 619, A34.	2.1	4
51	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
52	Direction-finding Analysis of the 2012 July 6 Type II Solar Radio Burst at Low Frequencies. Astrophysical Journal, 2018, 867, 40.	1.6	10
53	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
54	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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55	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
56	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
57	A small satellite mission for solar coronagraphy. , 2018, , .		4
58	Predicting the Magnetic Field of Earth-impacting CMEs. Astrophysical Journal, 2017, 835, 117.	1.6	36
59	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
60	Deflection and Rotation of CMEs from Active Region 11158. Solar Physics, 2017, 292, 1.	1.0	32
61	Comparison of the coronal mass ejection shock acceleration of three widespread SEP events during solar cycle 24. Journal of Geophysical Research: Space Physics, 2017, 122, 7021-7041.	0.8	12
62	Prominence Eruption Initiated by Helical Kink Instability of an Embedded Flux Rope. Astrophysical Journal, 2017, 850, 38.	1.6	14
63	A Hierarchical Relationship between the Fluence Spectra and CME Kinematics in Large Solar Energetic Particle Events: A Radio Perspective. Journal of Physics: Conference Series, 2017, 900, 012009.	0.3	19
64	CME Velocity and Acceleration Error Estimates Using the Bootstrap Method. Solar Physics, 2017, 292, 1.	1.0	8
65	New Evidence for a Coronal Mass Ejection-driven High Frequency Type II Burst near the Sun. Astrophysical Journal, 2017, 843, 10.	1.6	34
66	Using the Coronal Evolution to Successfully Forward Model CMEs' In Situ Magnetic Profiles. Journal of Geophysical Research: Space Physics, 2017, 122, 11,810.	0.8	17
67	A Sun-to-Earth Analysis of Magnetic Helicity of the 2013 March 17â€“18 Interplanetary Coronal Mass Ejection. Astrophysical Journal, 2017, 851, 123.	1.6	13
68	A New Technique to Provide Realistic Input to CME Forecasting Models. Proceedings of the International Astronomical Union, 2017, 13, 258-262.	0.0	16
69	Replacing the polarizer wheel with a polarization camera to increase the temporal resolution and reduce the overall complexity of a solar coronagraph. Journal of Astronomical Telescopes, Instruments, and Systems, 2017, 3, 014001.	1.0	14
70	Estimation of Reconnection Flux Using Post-eruption Arcades and Its Relevance to Magnetic Clouds at 1 AU. , 2017, , 439-456.		0
71	Deflection and Rotation of CMEs from Active Region 11158. , 2017, , 137-151.		0
72	A study of the 2012 January 19 complex type II radio burst using wind, SOHO, and STEREO observations. , 2016, , .		0

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73	On the directivity of low-frequency type IV radio bursts. , 2016, , .		9
74	CME flux rope and shock identifications and locations: Comparison of white light data, Graduated Cylindrical Shell model, and MHD simulations. Journal of Geophysical Research: Space Physics, 2016, 121, 1886-1906.	0.8	12
75	SOURCE REGIONS OF THE TYPE II RADIO BURST OBSERVED DURING A CMEâ€“CME INTERACTION ON 2013 MAY 22. Astrophysical Journal, 2016, 827, 141.	1.6	15
76	UNUSUAL POLAR CONDITIONS IN SOLAR CYCLE 24 AND THEIR IMPLICATIONS FOR CYCLE 25. Astrophysical Journal Letters, 2016, 823, L15.	3.0	37
77	Low-frequency radio bursts and space weather. , 2016, , .		3
78	MINIFILAMENT ERUPTIONS THAT DRIVE CORONAL JETS IN A SOLAR ACTIVE REGION. Astrophysical Journal, 2016, 821, 100.	1.6	94
79	Energy dependence of SEP electron and proton onset times. Journal of Geophysical Research: Space Physics, 2016, 121, 6168-6183.	0.8	14
80	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
81	Statistical Analysis of Periodic Oscillations in LASCO Coronal Mass Ejection Speeds. Solar Physics, 2016, 291, 3751-3764.	1.0	6
82	CONSTRAINING THE SOLAR CORONAL MAGNETIC FIELD STRENGTH USING SPLIT-BAND TYPE II RADIO BURST OBSERVATIONS. Astrophysical Journal, 2016, 832, 59.	1.6	14
83	Coronal magnetic field profiles from shockâ€CME standoff distances. Journal of Geophysical Research: Space Physics, 2016, 121, 9299-9315.	0.8	10
84	Solar activity studies using microwave imaging observations. , 2016, , .		2
85	THE 2012 JULY 23 BACKSIDE ERUPTION: AN EXTREME ENERGETIC PARTICLE EVENT?. Astrophysical Journal, 2016, 833, 216.	1.6	58
86	The radial speedâ€expansion speed relation for Earthâ€directed CMEs. Space Weather, 2016, 14, 368-378.	1.3	17
87	Special issue â€œInternational CAWSES-II Symposiumâ€. Earth, Planets and Space, 2016, 68, .	0.9	1
88	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
89	History and development of coronal mass ejections as a key player in solar terrestrial relationship. Geoscience Letters, 2016, 3, .	1.3	105
90	Two Exceptions in the Large SEP Events of Solar Cycles 23 and 24. Solar Physics, 2016, 291, 513-530.	1.0	24

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91	DIVISION E COMMISSION 49: INTERPLANETARY PLASMA AND HELIOSPHERE. Proceedings of the International Astronomical Union, 2015, 11, 300-315.	0.0	0
92	Low-frequency solar radio bursts and their space weather implications. , 2015, , .		0
93	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
94	KINEMATIC AND ENERGETIC PROPERTIES OF THE 2012 MARCH 12 POLAR CORONAL MASS EJECTION. Astrophysical Journal, 2015, 809, 106.	1.6	13
95	Advancing the understanding of the Sunâ€“Earth interactionâ€”the Climate and Weather of the Sunâ€“Earth System (CAWSES) II program. Progress in Earth and Planetary Science, 2015, 2, .	1.1	11
96	High-energy solar particle events in cycle 24. Journal of Physics: Conference Series, 2015, 642, 012012.	0.3	24
97	Geometrical Relationship Between Interplanetary Flux Ropes and Their Solar Sources. Solar Physics, 2015, 290, 1371-1397.	1.0	64
98	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
99	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
100	Dynamics of CMEs in the LASCO Field of View. Solar Physics, 2015, 290, 903-917.	1.0	10
101	THE PECULIAR BEHAVIOR OF HALO CORONAL MASS EJECTIONS IN SOLAR CYCLE 24. Astrophysical Journal Letters, 2015, 804, L23.	3.0	70
102	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
103	LARGE SOLAR ENERGETIC PARTICLE EVENTS ASSOCIATED WITH FILAMENT ERUPTIONS OUTSIDE ACTIVE REGIONS. Astrophysical Journal, 2015, 806, 8.	1.6	77
104	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
105	The Dynamics of Eruptive Prominences. Astrophysics and Space Science Library, 2015, , 381-410.	1.0	26
106	Major solar eruptions and high-energy particle events during solar cycle 24. Earth, Planets and Space, 2014, 66, .	0.9	97
107	Homologous flareâ€“CME events and their metric type II radio burst association. Advances in Space Research, 2014, 54, 1941-1948.	1.2	5
108	An overview of STEREO/WAVES science results. , 2014, , .		2

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109	GROUND LEVEL ENHANCEMENT IN THE 2014 JANUARY 6 SOLAR ENERGETIC PARTICLE EVENT. Astrophysical Journal Letters, 2014, 790, L13.	3.0	58
110	The Relation Between Large-Scale Coronal Propagating Fronts and Type II Radio Bursts. Solar Physics, 2014, 289, 4589-4606.	1.0	18
111	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
112	Do Solar Coronal Holes Affect the Properties of Solar Energetic Particle Events?. Solar Physics, 2014, 289, 657-673.	1.0	5
113	Twoâ€step forecast of geomagnetic storm using coronal mass ejection and solar wind condition. Space Weather, 2014, 12, 246-256.	1.3	18
114	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
115	Coronal Mass Ejections and Non-recurrent Forbush Decreases. Solar Physics, 2014, 289, 3949-3960.	1.0	74
116	Post-Eruption Arcades and Interplanetary Coronal Mass Ejections. Solar Physics, 2013, 284, 5-15.	1.0	23
117	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
118	Coronal Hole Influence on the Observed Structure of Interplanetary CMEs. Solar Physics, 2013, 284, 59-75.	1.0	47
119	Propagation Characteristics of CMEs Associated with Magnetic Clouds and Ejecta. Solar Physics, 2013, 284, 77-88.	1.0	30
120	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
121	Magnetohydrodynamic Analysis of January 20, 2001, CME-CME Interaction Event. Geophysical Monograph Series, 2013, , 185-195.	0.1	6
122	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
123	Flux emergence, flux imbalance, magnetic free energy and solar flares. Advances in Space Research, 2013, 52, 1561-1566.	1.2	14
124	Solar energetic particle events during the rise phases of solar cycles 23 and 24. Advances in Space Research, 2013, 52, 2102-2111.	1.2	21
125	Near-Sun Flux-Rope Structure of CMEs. Solar Physics, 2013, 284, 47-58.	1.0	37
126	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

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127	Comparison of Helicity Signs in Interplanetary CMEs and Their Solar Source Regions. Solar Physics, 2013, 284, 105-127.	1.0	16
128	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
129	Understanding shock dynamics in the inner heliosphere with modeling and type II radio data: A statistical study. Journal of Geophysical Research: Space Physics, 2013, 118, 4711-4723.	0.8	9
130	Obscuration of Flare Emission by an Eruptive Prominence. Publication of the Astronomical Society of Japan, 2013, 65, S11.	1.0	9
131	Observations of CMEs and models of the eruptive corona. AIP Conference Proceedings, 2013, , .	0.3	3
132	Characteristics of Magnetic Clouds and Interplanetary Coronal Mass Ejections which Cause Intense Geomagnetic Storms. Terrestrial, Atmospheric and Oceanic Sciences, 2013, 24, 233.	0.3	11
133	A Study of Coronal Holes Observed by SOHO/EIT and the Nobeyama Radioheliograph. Publication of the Astronomical Society of Japan, 2013, 65, .	1.0	11
134	Testing the empirical shock arrival model using quadrature observations. Space Weather, 2013, 11, 661-669.	1.3	48
135	DIVISION II: COMMISSION 49: INTERPLANETARY PLASMA AND THE HELIOSPHERE. Proceedings of the International Astronomical Union, 2013, 10, 112-114.	0.0	0
136	IMPLICATIONS OF MASS AND ENERGY LOSS DUE TO CORONAL MASS EJECTIONS ON MAGNETICALLY ACTIVE STARS. Astrophysical Journal, 2013, 764, 170.	1.6	111
137	Do Solar Coronal Holes Affect the Properties of Solar Energetic Particle Events?. , 2013, , 221-237.		0
138	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
139	BEHAVIOR OF SOLAR CYCLES 23 AND 24 REVEALED BY MICROWAVE OBSERVATIONS. Astrophysical Journal Letters, 2012, 750, L42.	3.0	57
140	Radioâ€loud CMEs from the disk center lacking shocks at 1 AU. Journal of Geophysical Research, 2012, 117, .	3.3	21
141	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
142	Energetic particle and other space weather events of solar cycle 24. AIP Conference Proceedings, 2012, , .	0.3	18
143	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
144	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

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145	Comparison of Dst forecast models for intense geomagnetic storms. Journal of Geophysical Research, 2012, 117, .	3.3	25
146	Coronal mass ejectionâ€“driven shocks and the associated sudden commencements/sudden impulses. Journal of Geophysical Research, 2012, 117, .	3.3	9
147	Understanding shock dynamics in the inner heliosphere with modeling and Type II radio data: The 2010â€04â€03 event. Journal of Geophysical Research, 2012, 117, .	3.3	18
148	Dependence of solar proton events on their associated activities: Coronal mass ejection parameters. Journal of Geophysical Research, 2012, 117, .	3.3	30
149	CORONAL MAGNETIC FIELD MEASUREMENT FROM EUV IMAGES MADE BY THESOLAR DYNAMICS OBSERVATORY. Astrophysical Journal, 2012, 744, 72.	1.6	91
150	DEFLECTIONS OF FAST CORONAL MASS EJECTIONS AND THE PROPERTIES OF ASSOCIATED SOLAR ENERGETIC PARTICLE EVENTS. Astrophysical Journal, 2012, 754, 100.	1.6	13
151	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
152	Energetic storm particle events in coronal mass ejection-driven shocks. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	29
153	EFFECTS OF REFRACTION ON ANGLES AND TIMES OF ARRIVAL OF SOLAR RADIO BURSTS. Astrophysical Journal, 2011, 734, 16.	1.6	7
154	Earth-Affecting Solar Causes Observatory (EASCO): a mission at the Sun-Earth L5. Proceedings of SPIE, 2011, , .	0.8	9
155	COMMISSION 49: INTERPLANETARY PLASMA AND HELIOSPHERE. Proceedings of the International Astronomical Union, 2011, 7, 95-124.	0.0	0
156	MAXIMUM CORONAL MASS EJECTION SPEED AS AN INDICATOR OF SOLAR AND GEOMAGNETIC ACTIVITIES. Astrophysical Journal, 2011, 727, 44.	1.6	27
157	The Radio Observatory on the Lunar Surface for Solar studies. Advances in Space Research, 2011, 48, 1942-1957.	1.2	27
158	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
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160	The Brazilian decimetric array and space weather. Journal of Atmospheric and Solar-Terrestrial Physics, 2011, 73, 1300-1310.	0.6	2
161	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
162	Universal Heliophysical Processes. , 2011, , 9-20.		2

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163	Relation Between the 3D-Geometry of the Coronal Wave and Associated CME During the 26 April 2008 Event. , 2011, , 115-126.		0
164	QUASI-PERIODIC OSCILLATIONS IN LASCO CORONAL MASS EJECTION SPEEDS. Astrophysical Journal, 2010, 708, 450-455.	1.6	15
165	RADIOHELIOGRAPH OBSERVATIONS OF METRIC TYPE II BURSTS AND THE KINEMATICS OF CORONAL MASS EJECTIONS. Astrophysical Journal, 2010, 712, 188-193.	1.6	36
166	LONG-DURATION LOW-FREQUENCY TYPE III BURSTS AND SOLAR ENERGETIC PARTICLE EVENTS. Astrophysical Journal Letters, 2010, 721, L62-L66.	3.0	17
167	Solar Sources of â€œDriverlessâ€•Interplanetary Shocks. , 2010, , .		14
168	INTERPLANETARY SHOCKS LACKING TYPE II RADIO BURSTS. Astrophysical Journal, 2010, 710, 1111-1126.	1.6	94
169	Coronal Mass Ejections from Sunspot and Non-Sunspot Regions. Thirty Years of Astronomical Discovery With UKIRT, 2010, , 289-307.	0.3	61
170	INTERPLANETARY SHOCKS LACKING TYPE II RADIO BURSTS. Astrophysical Journal, 2010, 710, 1111-1126.	1.6	9
171	Preface to the Proceedings of the European General Assembly and the United Nations Workshop. Earth, Moon and Planets, 2009, 104, 139-140.	0.3	1
172	The SOHO/LASCO CME Catalog. Earth, Moon and Planets, 2009, 104, 295-313.	0.3	451
173	Relation Between Type II Bursts and CMEs Inferred from STEREO Observations. Solar Physics, 2009, 259, 227-254.	1.0	136
174	On the Origin, 3D Structure and Dynamic Evolution ofÂCMEs Near Solar Minimum. Solar Physics, 2009, 259, 143-161.	1.0	28
175	Expansion Speed of Coronal Mass Ejections. Solar Physics, 2009, 260, 401-406.	1.0	21
176	Halo coronal mass ejections and geomagnetic storms. Earth, Planets and Space, 2009, 61, 595-597.	0.9	23
177	The Sun and Earth's space environment. , 2009, , .		2
178	Evolution of the anemone AR NOAA 10798 and the related geoâ€effective flares and CMEs. Journal of Geophysical Research, 2009, 114, .	3.3	22
179	CME interactions with coronal holes and their interplanetary consequences. Journal of Geophysical Research, 2009, 114, .	3.3	150
180	Introduction to special section on Large Geomagnetic Storms. Journal of Geophysical Research, 2009, 114, .	3.3	2

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