

# Astrid M Veronig

## List of Publications by Year in descending order

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259  
papers

10,780  
citations

32410

55  
h-index

53065

89  
g-index

271  
all docs

271  
docs citations

271  
times ranked

3788  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Solar Activity Monitor Network “SAMNet. Journal of Space Weather and Space Climate, 2022, 12, 2.	1.1	16
2	A journey of exploration to the polar regions of a star: probing the solar poles and the heliosphere from high helio-latitude. Experimental Astronomy, 2022, 54, 157-183.	1.6	8
3	The high-energy Sun - probing the origins of particle acceleration on our nearest star. Experimental Astronomy, 2022, 54, 335-360.	1.6	3
4	Observational Signatures of Tearing Instability in the Current Sheet of a Solar Flare. Astrophysical Journal Letters, 2022, 924, L7.	3.0	7
5	Multiwavelength Signatures of Episodic Nullpoint Reconnection in a Quadrupolar Magnetic Configuration and the Cause of Failed Flux Rope Eruption. Astrophysical Journal, 2022, 926, 143.	1.6	6
6	Nanoflare distributions over solar cycle 24 based on SDO/AIA differential emission measure observations. Astronomy and Astrophysics, 2022, 661, A149.	2.1	17
7	How the area of solar coronal holes affects the properties of high-speed solar wind streams near Earth: An analytical model. Astronomy and Astrophysics, 2022, 659, A190.	2.1	10
8	Multi-instrument STIX microflare study. Astronomy and Astrophysics, 2022, 659, A52.	2.1	12
9	Variation in solar differential rotation and activity in the period 1964–2016 determined by the Kanzelhöhle data set. Astronomy and Astrophysics, 2022, 663, A24.	2.1	4
10	Determination of coronal mass ejection orientation and consequences for their propagation. Astronomy and Astrophysics, 2022, 661, A155.	2.1	6
11	The Coupling of an EUV Coronal Wave and Ion Acceleration in a Fermi-LAT Behind-the-Limb Solar Flare. Astrophysical Journal, 2022, 929, 172.	1.6	6
12	The effect of spatial sampling on magnetic field modeling and helicity computation. Astronomy and Astrophysics, 2022, 662, A3.	2.1	3
13	Detailed Thermal and Nonthermal Processes in an A-class Microflare. Astrophysical Journal, 2022, 930, 147.	1.6	9
14	Deriving CME Density From Remote Sensing Data and Comparison to In-situ Measurements. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028380.	0.8	20
15	Statistical Approach on Differential Emission Measure of Coronal Holes using the CATCH Catalog. Solar Physics, 2021, 296, 1.	1.0	10
16	Search for flares and associated CMEs on late-type main-sequence stars in optical SDSS spectra. Astronomy and Astrophysics, 2021, 646, A34.	2.1	22
17	Indications of stellar coronal mass ejections through coronal dimmings. Nature Astronomy, 2021, 5, 697-706.	4.2	52
18	Medium-term Predictions of F10.7 and F30 cm Solar Radio Flux with the Adaptive Kalman Filter. Astrophysical Journal, Supplement Series, 2021, 254, 9.	3.0	11

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19	Validation of Global EUV Wave MHD Simulations and Observational Techniques. <i>Astrophysical Journal</i> , 2021, 911, 118.	1.6	23
20	Magnetic field measurements in a limb solar flare by hydrogen, helium and ionized calcium lines. <i>Advances in Space Research</i> , 2021, 68, 1507-1518.	1.2	7
21	Drag-Based Model (DBM) Tools for Forecast of Coronal Mass Ejection Arrival Time and Speed. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	1.1	18
22	The Observational Uncertainty of Coronal Hole Boundaries in Automated Detection Schemes. <i>Astrophysical Journal</i> , 2021, 913, 28.	1.6	16
23	STIX X-ray microflare observations during the Solar Orbiter commissioning phase. <i>Astronomy and Astrophysics</i> , 2021, 656, A4.	2.1	23
24	Probabilistic Drag-Based Ensemble Model (DBEM) Evaluation for Heliospheric Propagation of CMEs. <i>Solar Physics</i> , 2021, 296, 1.	1.0	19
25	2019 International Women's Day event. <i>Astronomy and Astrophysics</i> , 2021, 652, A159.	2.1	8
26	Magnetic Flux and Magnetic Nonpotentiality of Active Regions in Eruptive and Confined Solar Flares. <i>Astrophysical Journal Letters</i> , 2021, 917, L29.	3.0	22
27	Hemispheric sunspot numbers 1874–2020. <i>Astronomy and Astrophysics</i> , 2021, 652, A56.	2.1	33
28	Multi-channel coronal hole detection with convolutional neural networks. <i>Astronomy and Astrophysics</i> , 2021, 652, A13.	2.1	13
29	Magnetic helicity and energy budget around large confined and eruptive solar flares. <i>Astronomy and Astrophysics</i> , 2021, 653, A69.	2.1	23
30	SunCET: The Sun Coronal Ejection Tracker Concept. <i>Journal of Space Weather and Space Climate</i> , 2021, 11, 20.	1.1	11
31	Kanzelhöhe Observatory: Instruments, Data Processing and Data Products. <i>Solar Physics</i> , 2021, 296, 1.	1.0	10
32	Evolution of Coronal Mass Ejections and the Corresponding Forbush Decreases: Modeling vs. Multi-Spacecraft Observations. <i>Solar Physics</i> , 2020, 295, 1.	1.0	18
33	Can we predict solar flares?. <i>Science</i> , 2020, 369, 504-505.	6.0	1
34	Magnetic Flux Emergence in a Coronal Hole. <i>Solar Physics</i> , 2020, 295, 1.	1.0	2
35	A statistical study of the long-term evolution of coronal hole properties as observed by SDO. <i>Astronomy and Astrophysics</i> , 2020, 638, A68.	2.1	19
36	Development of a Confined Circular-Cum-Parallel Ribbon Flare and Associated Pre-Flare Activity. <i>Solar Physics</i> , 2020, 295, 1.	1.0	18

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37	Coronal Dimmings Associated with Coronal Mass Ejections on the Solar Limb. <i>Astrophysical Journal</i> , 2020, 896, 17.	1.6	11
38	Comparing the Properties of ICME-Induced Forbush Decreases at Earth and Mars. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027662.	0.8	14
39	On the Dependency between the Peak Velocity of High-speed Solar Wind Streams near Earth and the Area of Their Solar Source Coronal Holes. <i>Astrophysical Journal Letters</i> , 2020, 897, L17.	3.0	13
40	Sun-to-Earth Observations and Characteristics of Isolated Earth-Impacting Interplanetary Coronal Mass Ejections During 2008-2014. <i>Solar Physics</i> , 2020, 295, 1.	1.0	6
41	CME-CME Interactions as Sources of CME Geoeffectiveness: The Formation of the Complex Ejecta and Intense Geomagnetic Storm in 2017 Early September. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 21.	3.0	78
42	Comprehensive Characterization of Solar Eruptions with Remote and In-Situ Observations, and Modeling: The Major Solar Events on 4 November 2015. <i>Solar Physics</i> , 2020, 295, 1.	1.0	7
43	Differential Emission Measure Plasma Diagnostics of a Long-Lived Coronal Hole. <i>Solar Physics</i> , 2020, 295, 1.	1.0	22
44	Using radio triangulation to understand the origin of two subsequent type II radio bursts. <i>Astronomy and Astrophysics</i> , 2020, 639, A56.	2.1	19
45	The Spectrometer/Telescope for Imaging X-rays (STIX). <i>Astronomy and Astrophysics</i> , 2020, 642, A15.	2.1	117
46	Mitigating flicker noise in high-precision photometry. <i>Astronomy and Astrophysics</i> , 2020, 636, A70.	2.1	16
47	Image-quality assessment for full-disk solar observations with generative adversarial networks. <i>Astronomy and Astrophysics</i> , 2020, 643, A72.	2.1	3
48	Hard X-Ray Emission from an Activated Flux Rope and Subsequent Evolution of an Eruptive Long-duration Solar Flare. <i>Astrophysical Journal</i> , 2020, 897, 157.	1.6	18
49	Clustering of Fast Coronal Mass Ejections during Solar Cycles 23 and 24 and the Implications for CME-CME Interactions. <i>Astrophysical Journal</i> , 2020, 899, 47.	1.6	8
50	Magnetic Flux of Active Regions Determining the Eruptive Character of Large Solar Flares. <i>Astrophysical Journal</i> , 2020, 900, 128.	1.6	34
51	Eruptive Impulsive Homologous M-class Flares Associated with Double-decker Flux Rope Configuration in Minisigmoid of NOAA 12673. <i>Astrophysical Journal</i> , 2020, 900, 23.	1.6	17
52	Magnetohydrodynamic Simulation of Magnetic Null-point Reconnections and Coronal Dimmings during the X2.1 Flare in NOAA AR 11283. <i>Astrophysical Journal</i> , 2020, 903, 129.	1.6	23
53	Solar Flare-CME Coupling throughout Two Acceleration Phases of a Fast CME. <i>Astrophysical Journal Letters</i> , 2020, 897, L36.	3.0	19
54	Unusual Plasma and Particle Signatures at Mars and STEREO-A Related to CME-CME Interaction. <i>Astrophysical Journal</i> , 2019, 880, 18.	1.6	22

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55	Spectroscopy and Differential Emission Measure Diagnostics of a Coronal Dimming Associated with a Fast Halo CME. <i>Astrophysical Journal</i> , 2019, 879, 85.	1.6	28
56	Statistical Analysis and Catalog of Non-polar Coronal Holes Covering the SDO-Era Using CATCH. <i>Solar Physics</i> , 2019, 294, 1.	1.0	44
57	CME–HSS Interaction and Characteristics Tracked from Sun to Earth. <i>Solar Physics</i> , 2019, 294, 121.	1.0	40
58	Heliospheric Evolution of Magnetic Clouds. <i>Astrophysical Journal</i> , 2019, 877, 77.	1.6	34
59	Three-dimensional Reconstructions of Extreme-ultraviolet Wave Front Heights and Their Influence on Wave Kinematics. <i>Astrophysical Journal</i> , 2019, 877, 68.	1.6	16
60	Investigating the topographic influence on short-wave irradiance measurements: A case study for Kanzelhöhe Observatory, Austria. <i>Atmospheric Research</i> , 2019, 219, 106-113.	1.8	2
61	The birth of a coronal mass ejection. <i>Science Advances</i> , 2019, 5, eaau7004.	4.7	40
62	Statistics of Coronal Dimmings Associated with Coronal Mass Ejections. II. Relationship between Coronal Dimmings and Their Associated CMEs. <i>Astrophysical Journal</i> , 2019, 874, 123.	1.6	45
63	Pre-eruption Processes: Heating, Particle Acceleration, and the Formation of a Hot Channel before the 2012 October 20 M9.0 Limb Flare. <i>Astrophysical Journal</i> , 2019, 874, 122.	1.6	15
64	Tracking and Validating ICMEs Propagating Toward Mars Using STEREO Heliospheric Imagers Combined With Forbush Decreases Detected by MSL/RAD. <i>Space Weather</i> , 2019, 17, 586-598.	1.3	9
65	Study of reconnection rates and light curves in solar flares from low and mid chromosphere. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3744-3756.	1.6	6
66	Photospheric plasma and magnetic field dynamics during the formation of solar AR 11190. <i>Astronomy and Astrophysics</i> , 2019, 622, A168.	2.1	7
67	A Hot Cusp-shaped Confined Solar Flare. <i>Astrophysical Journal Letters</i> , 2019, 887, L28.	3.0	5
68	Photospheric magnetic structure of coronal holes. <i>Astronomy and Astrophysics</i> , 2019, 629, A22.	2.1	28
69	Lorentz Force Evolution Reveals the Energy Build-up Processes during Recurrent Eruptive Solar Flares. <i>Astrophysical Journal Letters</i> , 2019, 885, L17.	3.0	8
70	The Origin, Early Evolution and Predictability of Solar Eruptions. <i>Space Sciences Series of ISSI</i> , 2019, , 113-164.	0.0	0
71	The Origin, Early Evolution and Predictability of Solar Eruptions. <i>Space Science Reviews</i> , 2018, 214, 1.	3.7	178
72	The Drag-based Ensemble Model (DBEM) for Coronal Mass Ejection Propagation. <i>Astrophysical Journal</i> , 2018, 854, 180.	1.6	58

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73	Numerical Simulation of Coronal Waves Interacting with Coronal Holes. II. Dependence on Alfvén Speed Inside the Coronal Hole. <i>Astrophysical Journal</i> , 2018, 857, 130.	1.6	11
74	Plasma Diagnostics of Coronal Dimming Events. <i>Astrophysical Journal</i> , 2018, 857, 62.	1.6	23
75	Reconnection Fluxes in Eruptive and Confined Flares and Implications for Superflares on the Sun. <i>Astrophysical Journal</i> , 2018, 853, 41.	1.6	39
76	Meridional Motions and Reynolds Stress Determined by Using Kanzelhöhe Drawings and White Light Solar Images from 1964 to 2016. <i>Solar Physics</i> , 2018, 293, 1.	1.0	3
77	Statistical Properties of Ribbon Evolution and Reconnection Electric Fields in Eruptive and Confined Flares. <i>Solar Physics</i> , 2018, 293, 38.	1.0	21
78	On the Detection of Coronal Dimmings and the Extraction of Their Characteristic Properties. <i>Astrophysical Journal</i> , 2018, 855, 137.	1.6	47
79	A comparison of long-term parallel measurements of sunshine duration obtained with a Campbell-Stokes sunshine recorder and two automated sunshine sensors. <i>Theoretical and Applied Climatology</i> , 2018, 133, 263-275.	1.3	13
80	The Dependence of the Peak Velocity of High-Speed Solar Wind Streams as Measured in the Ecliptic by ACE and the STEREO satellites on the Area and Co-latitude of Their Solar Source Coronal Holes. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1738-1753.	0.8	29
81	Strong non-radial propagation of energetic electrons in solar corona. <i>Astronomy and Astrophysics</i> , 2018, 614, A61.	2.1	12
82	An Event-Based Verification Scheme for the Real-Time Flare Detection System at Kanzelhöhe Observatory. <i>Solar Physics</i> , 2018, 293, 1.	1.0	5
83	Determination of Differential Emission Measure from Solar Extreme Ultraviolet Images. <i>Astrophysical Journal Letters</i> , 2018, 856, L17.	3.0	82
84	Successive Flux Rope Eruptions from $\hat{\nu}$ -sunspots Region of NOAA 12673 and Associated X-class Eruptive Flares on 2017 September 6. <i>Astrophysical Journal</i> , 2018, 869, 69.	1.6	44
85	Genesis and Impulsive Evolution of the 2017 September 10 Coronal Mass Ejection. <i>Astrophysical Journal</i> , 2018, 868, 107.	1.6	79
86	Three-phase Evolution of a Coronal Hole. I. $360^\circ$ Remote Sensing and In Situ Observations. <i>Astrophysical Journal</i> , 2018, 861, 151.	1.6	33
87	Long-lasting injection of solar energetic electrons into the heliosphere. <i>Astronomy and Astrophysics</i> , 2018, 613, A21.	2.1	24
88	The Reported Durations of GOES Soft X-ray Flares in Different Solar Cycles. <i>Space Weather</i> , 2018, 16, 660-666.	1.3	7
89	Three-phase Evolution of a Coronal Hole. II. The Magnetic Field. <i>Astrophysical Journal</i> , 2018, 863, 29.	1.6	18
90	Modeling the Evolution and Propagation of 10 September 2017 CMEs and SEPs Arriving at Mars Constrained by Remote Sensing and In Situ Measurement. <i>Space Weather</i> , 2018, 16, 1156-1169.	1.3	61

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91	Statistics of Coronal Dimmings Associated with Coronal Mass Ejections. I. Characteristic Dimming Properties and Flare Association. <i>Astrophysical Journal</i> , 2018, 863, 169.	1.6	52
92	On the Factors Determining the Eruptive Character of Solar Flares. <i>Astrophysical Journal</i> , 2018, 853, 105.	1.6	39
93	Coronal Holes Detection Using Supervised Classification. , 2018, , 365-395.		10
94	Numerical Simulation of Coronal Waves Interacting with Coronal Holes. III. Dependence on Initial Amplitude of the Incoming Wave. <i>Astrophysical Journal</i> , 2018, 860, 24.	1.6	11
95	Preconditioning of Interplanetary Space Due to Transient CME Disturbances. <i>Astrophysical Journal</i> , 2017, 835, 141.	1.6	51
96	Characteristics of Low-latitude Coronal Holes near the Maximum of Solar Cycle 24. <i>Astrophysical Journal</i> , 2017, 835, 268.	1.6	42
97	Sunward-propagating Solar Energetic Electrons inside Multiple Interplanetary Flux Ropes. <i>Astrophysical Journal</i> , 2017, 840, 85.	1.6	9
98	Flare-induced changes of the photospheric magnetic field in a $\delta$ -spot deduced from ground-based observations. <i>Astronomy and Astrophysics</i> , 2017, 602, A60.	2.1	6
99	FORMATION AND ERUPTION OF A FLUX ROPE FROM THE SIGMOID ACTIVE REGION NOAA 11719 AND ASSOCIATED M6.5 FLARE: A MULTI-WAVELENGTH STUDY. <i>Astrophysical Journal</i> , 2017, 834, 42.	1.6	35
100	Understanding the Physical Nature of Coronal "EIT Waves". <i>Solar Physics</i> , 2017, 292, 7.	1.0	67
101	Generation Mechanisms of Quasi-parallel and Quasi-circular Flare Ribbons in a Confined Flare. <i>Astrophysical Journal</i> , 2017, 847, 124.	1.6	26
102	Solar differential rotation in the period 1964–2016 determined by the KanzelhÃ¶he data set. <i>Astronomy and Astrophysics</i> , 2017, 606, A72.	2.1	17
103	On Flare-CME Characteristics from Sun to Earth Combining Remote-Sensing Image Data with In Situ Measurements Supported by Modeling. <i>Solar Physics</i> , 2017, 292, 93.	1.0	36
104	The Causes of Quasi-homologous CMEs. <i>Astrophysical Journal</i> , 2017, 844, 141.	1.6	18
105	Achievements and Challenges in the Science of Space Weather. <i>Space Science Reviews</i> , 2017, 212, 1137-1157.	3.7	45
106	Direct Observation of Two-step Magnetic Reconnection in a Solar Flare. <i>Astrophysical Journal Letters</i> , 2017, 845, L1.	3.0	16
107	Sunspot Number Second Differences as a Precursor of the Following 11-year Sunspot Cycle. <i>Astrophysical Journal</i> , 2017, 850, 81.	1.6	22
108	A Numerical Simulation of Coronal Waves Interacting with Coronal Holes. I. Basic Features. <i>Astrophysical Journal</i> , 2017, 850, 88.	1.6	14

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109	Observational and Model Analysis of a Two-ribbon Flare Possibly Induced by a Neighboring Blowout Jet. <i>Astrophysical Journal</i> , 2017, 851, 29.	1.6	15
110	An automated method for the evaluation of the pointing accuracy of Sun-tracking devices. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 1181-1190.	1.2	3
111	Structure of the solar photosphere studied from the radiation hydrodynamics code ANTARES. <i>Astrophysics and Space Science</i> , 2017, 362, 181.	0.5	5
112	On Flare-CME Characteristics from Sun to Earth Combining Remote-Sensing Image Data with In Situ Measurements Supported by Modeling. , 2017, , 203-224.		1
113	Achievements and Challenges in the Science of Space Weather. <i>Space Sciences Series of ISSI</i> , 2017, , 1-21.	0.0	1
114	Injection of solar energetic particles into both loop legs of a magnetic cloud. <i>Astronomy and Astrophysics</i> , 2016, 586, A55.	2.1	14
115	PROJECTION EFFECTS IN CORONAL DIMMINGS AND ASSOCIATED EUV WAVE EVENT. <i>Astrophysical Journal</i> , 2016, 830, 92.	1.6	11
116	Chromospheric evaporation flows and density changes deduced from Hinode/EIS during an M1.6 flare. <i>Astronomy and Astrophysics</i> , 2016, 588, A6.	2.1	9
117	PRE-FLARE CORONAL JET AND EVOLUTIONARY PHASES OF A SOLAR ERUPTIVE PROMINENCE ASSOCIATED WITH THE M1.8 FLARE: SDO AND RHESSI OBSERVATIONS. <i>Astrophysical Journal</i> , 2016, 832, 130.	1.6	21
118	TEMPORAL AND SPATIAL RELATIONSHIP OF FLARE SIGNATURES AND THE FORCE-FREE CORONAL MAGNETIC FIELD. <i>Astrophysical Journal</i> , 2016, 826, 143.	1.6	6
119	Verification of high-speed solar wind stream forecasts using operational solar wind models. <i>Space Weather</i> , 2016, 14, 495-510.	1.3	64
120	Extreme Geomagnetic Storms – 1868 to 2010. <i>Solar Physics</i> , 2016, 291, 1447-1481.	1.0	45
121	70 Years of Sunspot Observations at the Kanzelhöhe Observatory: Systematic Study of Parameters Affecting the Derivation of the Relative Sunspot Number. <i>Solar Physics</i> , 2016, 291, 3103-3122.	1.0	13
122	Formation of Coronal Large-Amplitude Waves and the Chromospheric Response. <i>Solar Physics</i> , 2016, 291, 89-115.	1.0	30
123	Long-term trends of magnetic bright points. <i>Astronomy and Astrophysics</i> , 2016, 585, A39.	2.1	10
124	DIVISION E COMMISSION 10: SOLAR ACTIVITY. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 245-277.	0.0	1
125	CORONAL RESPONSE TO AN EUV WAVE FROM DEM ANALYSIS. <i>Astrophysical Journal</i> , 2015, 812, 173.	1.6	32
126	THE CONFINED X-CLASS FLARES OF SOLAR ACTIVE REGION 2192. <i>Astrophysical Journal Letters</i> , 2015, 801, L23.	3.0	112



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127	Thermospheric and geomagnetic responses to interplanetary coronal mass ejections observed by ACE and GRACE: Statistical results. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 8848-8860.	0.8	28
128	DYNAMICS OF A SOLAR PROMINENCE TORNADO OBSERVED BY SDO/AIA ON 2012 NOVEMBER 7 <sup>h</sup> –8 <sup>h</sup> . <i>Astrophysical Journal</i> , 2015, 810, 89.	1.6	10
129	The exceptional aspects of the confined X-class flares of solar active region 2192. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 60-63.	0.0	0
130	Improvements on coronal hole detection in SDO/AIA images using supervised classification. <i>Journal of Space Weather and Space Climate</i> , 2015, 5, A23.	1.1	31
131	Magnetic Reconnection Rates and Energy Release in a Confined X-class Flare. <i>Solar Physics</i> , 2015, 290, 2923-2942.	1.0	32
132	Real-time Flare Detection in Ground-Based H $\alpha$ Imaging at Kanzelhöhe Observatory. <i>Solar Physics</i> , 2015, 290, 951-977.	1.0	33
133	LARGE-SCALE CONTRACTION AND SUBSEQUENT DISRUPTION OF CORONAL LOOPS DURING VARIOUS PHASES OF THE M6.2 FLARE ASSOCIATED WITH THE CONFINED FLUX ROPE ERUPTION. <i>Astrophysical Journal</i> , 2015, 807, 101.	1.6	35
134	Real-Time Solar Wind Prediction Based on SDO/AIA Coronal Hole Data. <i>Solar Physics</i> , 2015, 290, 1355-1370.	1.0	40
135	Geoeffectiveness of Coronal Mass Ejections in the SOHO Era. <i>Solar Physics</i> , 2015, 290, 579-612.	1.0	43
136	SOLAR MAGNETIZED TORNADOES: ROTATIONAL MOTION IN A TORNADO-LIKE PROMINENCE. <i>Astrophysical Journal Letters</i> , 2014, 785, L2.	3.0	49
137	IMPULSIVE ENERGY RELEASE AND NON-THERMAL EMISSION IN A CONFINED M4.0 FLARE TRIGGERED BY RAPIDLY EVOLVING MAGNETIC STRUCTURES. <i>Astrophysical Journal</i> , 2014, 791, 23.	1.6	20
138	Statistical Analysis of Large-Scale EUV Waves Observed by STEREO/EUVI. <i>Solar Physics</i> , 2014, 289, 4563-4588.	1.0	43
139	ASYMMETRY IN THE CME-CME INTERACTION PROCESS FOR THE EVENTS FROM 2011 FEBRUARY 14-15. <i>Astrophysical Journal</i> , 2014, 785, 85.	1.6	63
140	Kinematics of Interacting ICMEs and Related Forbush Decrease: Case Study. <i>Solar Physics</i> , 2014, 289, 351-368.	1.0	42
141	Solar Energetic Particles and Associated EIT Disturbances in Solar Cycle 23. <i>Solar Physics</i> , 2014, 289, 2601-2631.	1.0	42
142	Comparative Study of MHD Modeling of the Background Solar Wind. <i>Solar Physics</i> , 2014, 289, 1783-1801.	1.0	67
143	CONNECTING SPEEDS, DIRECTIONS AND ARRIVAL TIMES OF 22 CORONAL MASS EJECTIONS FROM THE SUN TO 1 AU. <i>Astrophysical Journal</i> , 2014, 787, 119.	1.6	145
144	COMBINED MULTIPOINT REMOTE AND IN SITU OBSERVATIONS OF THE ASYMMETRIC EVOLUTION OF A FAST SOLAR CORONAL MASS EJECTION. <i>Astrophysical Journal Letters</i> , 2014, 790, L6.	3.0	45

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145	HELIOSPHERIC PROPAGATION OF CORONAL MASS EJECTIONS: COMPARISON OF NUMERICAL WSA-ENLIL+CONE MODEL AND ANALYTICAL DRAG-BASED MODEL. <i>Astrophysical Journal, Supplement Series</i> , 2014, 213, 21.	3.0	76
146	Two-dimensional segmentation of small convective patterns in radiation hydrodynamics simulations. <i>Astronomy and Astrophysics</i> , 2014, 563, A107.	2.1	3
147	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. <i>Solar Physics</i> , 2013, 286, 201-219.	1.0	29
148	Imaging coronal magnetic-field reconnection in a solar flare. <i>Nature Physics</i> , 2013, 9, 489-493.	6.5	197
149	THE KELVIN-HELMHOLTZ INSTABILITY AT CORONAL MASS EJECTION BOUNDARIES IN THE SOLAR CORONA: OBSERVATIONS AND 2.5D MHD SIMULATIONS. <i>Astrophysical Journal Letters</i> , 2013, 766, L12.	3.0	50
150	The Waveâ€œDriver System of the Off-Disk Coronal Wave of 17 January 2010. <i>Solar Physics</i> , 2013, 287, 441-454.	1.0	9
151	Formation of Coronal Shock Waves. <i>Solar Physics</i> , 2013, 286, 509-528.	1.0	21
152	Propagation of Interplanetary Coronal Mass Ejections: The Drag-Based Model. <i>Solar Physics</i> , 2013, 285, 295-315.	1.0	257
153	Variations of Magnetic Bright Point Properties with Longitude and Latitude as Observed by Hinode/SOT G-band Data. <i>Solar Physics</i> , 2013, 284, 363-378.	1.0	7
154	Assessing the Constrained Harmonic Mean Method for Deriving the Kinematics of ICMEs with a Numerical Simulation. <i>Solar Physics</i> , 2013, 283, 541-556.	1.0	12
155	Initiation of Coronal Mass Ejections by Sunspot Rotation. <i>Solar Physics</i> , 2013, 286, 453-477.	1.0	44
156	<i>RHESSI</i>AND<i>TRACE</i>OBSERVATIONS OF MULTIPLE FLARE ACTIVITY IN AR 10656 AND ASSOCIATED FILAMENT ERUPTION. <i>Astrophysical Journal</i> , 2013, 771, 1.	1.6	33
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