Li Feng

List of Publications by Year in descending order

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		394421	345221
53	1,413	19	36
papers	citations	h-index	g-index
53	53	53	1332
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 \hat{I}^3 -ray Galactic sources. Nature, 2021, 594, 33-36.	27.8	262
2	Measurement of the cosmic ray proton spectrum from 40 GeV to 100 TeV with the DAMPE satellite. Science Advances, 2019, 5, eaax3793.	10.3	121
3	Advanced Space-based Solar Observatory (ASO-S): an overview. Research in Astronomy and Astrophysics, 2019, 19, 156.	1.7	86
4	Extended Very-High-Energy Gamma-Ray Emission Surrounding PSR <mml:math display="inline" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">J</mml:mi><mml:mn>0622</mml:mn><mml:mo>+</mml:mo><mml:mn>3749</mml:mn>Observed by LHAASO-KM2A. Physical Review Letters, 2021, 126, 241103.</mml:mrow></mml:math>	√ <mark>/8</mark> ml:mr	573 5W>
5	Measurement of the Cosmic Ray Helium Energy Spectrum from 70ÂGeV to 80ÂTeV with the DAMPE Space Mission. Physical Review Letters, 2021, 126, 201102.	7.8	66
6	MULTIWAVELENGTH OBSERVATIONS OF A PARTIALLY ERUPTIVE FILAMENT ON 2011 SEPTEMBER 8. Astrophysical Journal, 2015, 805, 4.	4.5	64
7	MAGNETIC ENERGY PARTITION BETWEEN THE CORONAL MASS EJECTION AND FLARE FROM AR 11283. Astrophysical Journal, 2013, 765, 37.	4.5	60
8	A SOLAR TYPE II RADIO BURST FROM CORONAL MASS EJECTION-CORONAL RAY INTERACTION: SIMULTANEOUS RADIO AND EXTREME ULTRAVIOLET IMAGING. Astrophysical Journal, 2014, 787, 59.	4.5	54
9	MORPHOLOGICAL EVOLUTION OF A THREE-DIMENSIONAL CORONAL MASS EJECTION CLOUD RECONSTRUCTED FROM THREE VIEWPOINTS. Astrophysical Journal, 2012, 751, 18.	4.5	48
10	Spectroscopic Observations of a Current Sheet in a Solar Flare. Astrophysical Journal Letters, 2018, 853, L15.	8.3	48
11	The Lyman-alpha Solar Telescope (LST) for the ASO-S mission — I. Scientific objectives and overview. Research in Astronomy and Astrophysics, 2019, 19, 158.	1.7	42
12	Comparisons of CME Morphological Characteristics Derived from Five 3D Reconstruction Methods. Solar Physics, 2013, 282, 221-238.	2.5	34
13	WHY DOES THE APPARENT MASS OF A CORONAL MASS EJECTION INCREASE?. Astrophysical Journal, 2015, 812, 70.	4.5	28
14	PREDICTION OF GEOMAGNETIC STORM STRENGTH FROM INNER HELIOSPHERIC IN SITU OBSERVATIONS. Astrophysical Journal, 2016, 833, 255.	4.5	28
15	Discovery of the Ultrahigh-energy Gamma-Ray Source LHAASO J2108+5157. Astrophysical Journal Letters, 2021, 919, L22.	8.3	28
16	The Lyman-alpha Solar Telescope (LST) for the ASO-S mission – III. data and potential diagnostics. Research in Astronomy and Astrophysics, 2019, 19, 162.	1.7	26
17	Measure the Propagation of a Halo CME and Its Driven Shock with the Observations from a Single Perspective at Earth. Astrophysical Journal, 2017, 835, 188.	4.5	21
18	The Lyman-alpha Solar Telescope (LST) for the ASO-S mission – II. design of LST. Research in Astronomy and Astrophysics, 2019, 19, 159.	1.7	21

#	Article	IF	CITATIONS
19	Quasi-periodic Pulsation Detected in Lyl± Emission During Solar Flares. Astrophysical Journal, 2020, 893, 7.	4.5	20
20	Exploring Lorentz Invariance Violation from Ultrahigh-Energy <mml:math display="inline" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>γ</mml:mi></mml:math> Rays Observed by LHAASO. Physical Review Letters, 2022, 128, 051102.	7.8	19
21	Spectroscopic and Stereoscopic Observations of the Solar Jets. Astrophysical Journal, 2019, 887, 154.	4.5	18
22	Construction and on-site performance of the LHAASO WFCTA camera. European Physical Journal C, 2021, 81, 1.	3.9	18
23	RADIAL FLOW PATTERN OF A SLOW CORONAL MASS EJECTION. Astrophysical Journal, 2015, 805, 113.	4.5	14
24	First Determination of 2D Speed Distribution within the Bodies of Coronal Mass Ejections with Cross-correlation Analysis. Astrophysical Journal, 2019, 880, 41.	4.5	14
25	Energy Partition in Two M-class Circular-ribbon Flares. Astrophysical Journal, 2019, 883, 124.	4.5	13
26	The Science Operations and Data Center (SODC) of the ASO-S mission. Research in Astronomy and Astrophysics, 2019, 19, 164.	1.7	13
27	Particle kinetic analysis of a polar jet from SECCHI COR data. Astronomy and Astrophysics, 2012, 538, A34.	5.1	13
28	2D and 3D Polar Plume Analysis from the Three Vantage Positions of STEREO/EUVI A, B, and SOHO/EIT. Solar Physics, 2013, 283, 207-225.	2.5	12
29	Properties of a Small-scale Short-duration Solar Eruption with a Driven Shock. Astrophysical Journal, 2018, 856, 24.	4.5	12
30	Quasi-Periodic Pulsations Detected in Ly \$alpha \$ and Nonthermal Emissions During Solar Flares. Solar Physics, 2021, 296, 1.	2.5	11
31	A Chinese solar observatory in space. Nature Astronomy, 2022, 6, 165-165.	10.1	11
32	ASO-S: Advanced Space-based Solar Observatory. Proceedings of SPIE, 2015, , .	0.8	10
33	Characteristics of events with metric-to-decahectometric type II radio bursts associated with CMEs and flares in relation to SEP events. Astrophysics and Space Science, 2017, 362, 1.	1.4	10
34	A New Automatic Tool for CME Detection and Tracking with Machine-learning Techniques. Astrophysical Journal, Supplement Series, 2019, 244, 9.	7.7	10
35	Catalog and Statistical Examinations of Lyl± Solar Flares from GOES/EUVS-E Measurements. Astrophysical Journal, Supplement Series, 2021, 253, 29.	7.7	10
36	Observations of Forbush Decreases of Cosmic-Ray Electrons and Positrons with the Dark Matter Particle Explorer. Astrophysical Journal Letters, 2021, 920, L43.	8.3	9

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37	Polar jet kinetics and energetics analysed from STEREO/COR data. Proceedings of the International Astronomical Union, 2012, 8, 549-550.	0.0	7
38	Three-Dimensional Reconstructions of Coronal Wave Surfaces Using a New Mask-Fitting Method. Solar Physics, 2020, 295, 1.	2.5	7
39	Observational Signatures of Tearing Instability in the Current Sheet of a Solar Flare. Astrophysical Journal Letters, 2022, 924, L7.	8.3	7
40	On the power-law distributions of X-ray fluxes from solar flares observed with <i>GOES </i> . Research in Astronomy and Astrophysics, 2016, 16, 161.	1.7	6
41	Extensive Study of a Coronal Mass Ejection with UV and White-light Coronagraphs: The Need for Multiwavelength Observations. Astrophysical Journal, 2020, 899, 12.	4.5	6
42	Space Weather Related to Solar Eruptions With the ASO-S Mission. Frontiers in Physics, 2020, 8, .	2.1	5
43	Analysis of Type II and Type III Radio Bursts Associated with SEPs from Non-Interacting/Interacting Radio-Loud CMEs. Astrophysics, 2021, 64, 327-344.	0.5	5
44	Quantifying the Magnetic Structure of a Coronal Shock Producing a Type II Radio Burst. Astrophysical Journal, 2022, 929, 175.	4.5	5
45	Three-dimensional analyses of an aspherical coronal mass ejection and its driven shock. Astronomy and Astrophysics, 2022, 660, A23.	5.1	4
46	Spatially Resolved Moving Radio Burst Associated with an EUV Wave. Astrophysical Journal Letters, 2022, 931, L8.	8.3	4
47	A study on radio-loud interacting/non-interacting CMEs-associated SEPs and solar flares. Advances in Space Research, 2019, 63, 3390-3403.	2.6	3
48	On the error analyses of polarization measurements of the white-light coronagraph aboard ASO-S. Research in Astronomy and Astrophysics, 2019, 19, 059.	1.7	3
49	Population of Bright Plume Threads in Solar Polar Coronal Holes. Solar Physics, 2021, 296, 1.	2.5	2
50	A dynamic range extension system for LHAASO WCDA-1. Radiation Detection Technology and Methods, 2021, 5, 520-530.	0.8	1
51	Line-of-shower trigger method to lower energy threshold for GRB detection using LHAASO-WCDA. Radiation Detection Technology and Methods, 2021, 5, 531.	0.8	1
52	Progress in the Heating of Active Region Loops. Proceedings of the International Astronomical Union, 2004, 2004, 309-310.	0.0	0
53	Design and Testing of the Front-End Electronics of WCDA in LHAASO. IEEE Transactions on Nuclear Science, 2021, 68, 2257-2267.	2.0	0