

Xianyong Bai

List of Publications by Year in descending order

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26
papers

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docs citations

26
times ranked

215
citing authors

#	ARTICLE	IF	CITATIONS
1	æ™šăž<æ'æ~ÿæžć'«ă-ă'CEXă°,„ć°jæžćæµ<ćš,,ćš'ăłć>®æřă,žă^æ¥æ-1æł^ . Scientia Sinica: Physica, Mechanica Et Astronomica 2022, ,		
2	Three-dimensional Propagation of the Global Extreme-ultraviolet Wave Associated with a Solar Eruption on 2021 October 28. <i>Astrophysical Journal</i> , 2022, 928, 98.	4.5	22
3	Sun-as-a-star Spectroscopic Observations of the Line-of-sight Velocity of a Solar Eruption on 2021 October 28. <i>Astrophysical Journal</i> , 2022, 931, 76.	4.5	16
4	Can We Detect Coronal Mass Ejections through Asymmetries of Sun-as-a-star Extreme-ultraviolet Spectral Line Profiles?. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 36.	7.7	6
5	Infrared diagnostics of the solar magnetic field with Mg I 12 <i>λ</i>4 </i>m lines: forward-model results. <i>Astronomy and Astrophysics</i> , 2021, 646, A79.	5.1	0
6	Small-scale Bright Blobs Ejected from a Sunspot Light Bridge. <i>Astrophysical Journal</i> , 2021, 908, 201.	4.5	4
7	Research on Multiwavelength Isolated Bright Points Based on Deep Learning. <i>Astrophysical Journal</i> , 2021, 911, 32.	4.5	4
8	Formation of Solar Quiescent Coronal Loops through Magnetic Reconnection in an Emerging Active Region. <i>Astrophysical Journal</i> , 2021, 915, 39.	4.5	10
9	A deep learning method to estimate magnetic fields in solar active regions from photospheric continuum images. <i>Astronomy and Astrophysics</i> , 2021, 652, A143.	5.1	4
10	Measurements of the Magnetic Field Strengths at the Bases of Stellar Coronae Using the Magnetic-field-induced Transition Theory. <i>Astrophysical Journal Letters</i> , 2021, 918, L13.	8.3	9
11	Coronal Microjets in Quiet-Sun Regions Observed with the Extreme Ultraviolet Imager on Board the Solar Orbiter. <i>Astrophysical Journal Letters</i> , 2021, 918, L20.	8.3	24
12	Forward Modeling of Solar Coronal Magnetic-field Measurements Based on a Magnetic-field-induced Transition in Fe x. <i>Astrophysical Journal</i> , 2021, 920, 116.	4.5	13
13	Improvements of the Longitudinal Magnetic Field Measurement from the Solar Magnetic Field Telescope at the Huairou Solar Observing Station. <i>Solar Physics</i> , 2021, 296, 1.	2.5	1
14	Mapping the magnetic field in the solar corona through magnetoseismology. <i>Science China Technological Sciences</i> , 2020, 63, 2357-2368.	4.0	41
15	A Non-Linear Magnetic Field Calibration Method for Filter-Based Magnetographs by Multilayer Perceptron. <i>Solar Physics</i> , 2020, 295, 1.	2.5	7
16	Non-LTE Calculations of the Mg i 12.32 <i>λ</i>4 m Line in a Flaring Atmosphere. <i>Astrophysical Journal</i> , 2020, 898, 134.	4.5	1
17	Flat-fielding of Full-disk Solar Images with a Gaussian-type Diffuser. <i>Solar Physics</i> , 2019, 294, 1.	2.5	2
18	A Method to Correct the Intensity to Polarization Crosstalk in Measuring Full-Disk Solar Photospheric Vector Magnetic Fields. <i>Solar Physics</i> , 2019, 294, 1.	2.5	0

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19	Morphological Classification of G-band Bright Points Based on Deep Learning. <i>Astrophysical Journal</i> , 2019, 887, 129.	4.5	7
20	A CME Automatic Detection Method Based on Adaptive Background Learning Technology. <i>Advances in Astronomy</i> , 2019, 2019, 1-14.	1.1	1
21	Signatures of Magnetic Reconnection at the Footpoints of Fan-shaped Jets on a Light Bridge Driven by Photospheric Convective Motions. <i>Astrophysical Journal</i> , 2019, 870, 90.	4.5	18
22	High-frequency Oscillations in the Atmosphere above a Sunspot Umbra. <i>Astrophysical Journal Letters</i> , 2018, 856, L16.	8.3	11
23	Automatic Detection of Sunspots on Full-disk Solar Images Using the Simulated Annealing Genetic Method. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 104503.	3.1	9
24	The measurement of flat fields and polarization offset from the routine observation data of a solar rotation. <i>Chinese Science Bulletin</i> , 2018, 63, 301-310.	0.7	4
25	Flat-field measuring and correction method for full-disk solar image based on ground glass. <i>Chinese Science Bulletin</i> , 2017, 62, 3057-3066.	0.7	3
26	MULTI-WAVELENGTH OBSERVATIONS OF A SUBARCSECOND PENUMBRAL TRANSIENT BRIGHTENING EVENT. <i>Astrophysical Journal</i> , 2016, 823, 60.	4.5	10