

Sijie Yu

List of Publications by Year in descending order

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33
papers

959
citations

471371

17
h-index

434063

31
g-index

34
all docs

34
docs citations

34
times ranked

927
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave and Hard X-Ray Observations of the 2017 September 10 Solar Limb Flare. <i>Astrophysical Journal</i> , 2018, 863, 83.	1.6	141
2	Imaging spectroscopy of solar radio burst fine structures. <i>Nature Communications</i> , 2017, 8, 1515.	5.8	91
3	Decay of the coronal magnetic field can release sufficient energy to power a solar flare. <i>Science</i> , 2020, 367, 278-280.	6.0	91
4	Measurement of magnetic field and relativistic electrons along a solar flare current sheet. <i>Nature Astronomy</i> , 2020, 4, 1140-1147.	4.2	87
5	RECURRENT SOLAR JETS INDUCED BY A SATELLITE SPOT AND MOVING MAGNETIC FEATURES. <i>Astrophysical Journal</i> , 2015, 815, 71.	1.6	54
6	Magnetic Reconnection Null Points as the Origin of Semirelativistic Electron Beams in a Solar Jet. <i>Astrophysical Journal</i> , 2018, 866, 62.	1.6	45
7	Magnetic Reconnection during the Post-impulsive Phase of a Long-duration Solar Flare: Bidirectional Outflows as a Cause of Microwave and X-Ray Bursts. <i>Astrophysical Journal</i> , 2020, 900, 17.	1.6	42
8	Microwave Spectral Imaging of an Erupting Magnetic Flux Rope: Implications for the Standard Solar Flare Model in Three Dimensions. <i>Astrophysical Journal Letters</i> , 2020, 895, L50.	3.0	37
9	The origin of underdense plasma downflows associated with magnetic reconnection in solar flares. <i>Nature Astronomy</i> , 2022, 6, 317-324.	4.2	33
10	Solar flare accelerates nearly all electrons in a large coronal volume. <i>Nature</i> , 2022, 606, 674-677.	13.7	33
11	SOLAR LIMB PROMINENCE CATCHER AND TRACKER (SLIPCAT): AN AUTOMATED SYSTEM AND ITS PRELIMINARY STATISTICAL RESULTS. <i>Astrophysical Journal</i> , 2010, 717, 973-986.	1.6	32
12	Hot Plasma Flows and Oscillations in the Loop-top Region During the 2017 September 10 X8.2 Solar Flare. <i>Astrophysical Journal</i> , 2020, 905, 165.	1.6	26
13	Fine Structures of Solar Radio Type III Bursts and Their Possible Relationship with Coronal Density Turbulence. <i>Astrophysical Journal</i> , 2018, 856, 73.	1.6	25
14	QUASI-PERIODIC WIGGLES OF MICROWAVE ZEBRA STRUCTURES IN A SOLAR FLARE. <i>Astrophysical Journal</i> , 2013, 777, 159.	1.6	24
15	Solar Flare Prediction Using Magnetic Field Diagnostics above the Photosphere. <i>Astrophysical Journal</i> , 2020, 896, 119.	1.6	20
16	Multiple Sources of Solar High-energy Protons. <i>Astrophysical Journal</i> , 2021, 915, 12.	1.6	19
17	Radio Spectroscopic Imaging of a Solar Flare Termination Shock: Split-band Feature as Evidence for Shock Compression. <i>Astrophysical Journal</i> , 2019, 884, 63.	1.6	18
18	Possible Detection of Subsecond-period Propagating Magnetohydrodynamics Waves in Post-reconnection Magnetic Loops during a Two-ribbon Solar Flare. <i>Astrophysical Journal</i> , 2019, 872, 71.	1.6	16

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19	EFFECT OF A SAUSAGE OSCILLATION ON RADIO ZEBRA-PATTERN STRUCTURES IN A SOLAR FLARE. <i>Astrophysical Journal</i> , 2016, 826, 78.	1.6	15
20	First radio burst imaging observation from Mingantu Ultrawide Spectral Radioheliograph. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 427-435.	0.0	14
21	Radio Spectral Imaging of an M8.4 Eruptive Solar Flare: Possible Evidence of a Termination Shock. <i>Astrophysical Journal</i> , 2021, 911, 4.	1.6	14
22	INTERFERENCE OF THE RUNNING WAVES AT LIGHT BRIDGES OF A SUNSPOT. <i>Astrophysical Journal</i> , 2016, 816, 30.	1.6	13
23	RELAXATION OF MAGNETIC FIELD RELATIVE TO PLASMA DENSITY REVEALED FROM MICROWAVE ZEBRA PATTERNS ASSOCIATED WITH SOLAR FLARES. <i>Astrophysical Journal</i> , 2012, 761, 136.	1.6	10
24	On the Source Position and Duration of a Solar Type III Radio Burst Observed by LOFAR. <i>Astrophysical Journal</i> , 2019, 885, 140.	1.6	10
25	Multiple Electron Acceleration Instances during a Series of Solar Microflares Observed Simultaneously at X-Rays and Microwaves. <i>Astrophysical Journal</i> , 2021, 922, 134.	1.6	9
26	Coronal Magnetic Field Measurements along a Partially Erupting Filament in a Solar Flare. <i>Astrophysical Journal</i> , 2021, 923, 213.	1.6	9
27	Multiwavelength Observations of the Formation and Eruption of a Complex Filament. <i>Astrophysical Journal</i> , 2021, 910, 40.	1.6	7
28	Evolution of Flare-Accelerated Electrons Quantified by Spatially Resolved Analysis. <i>Frontiers in Astronomy and Space Sciences</i> , 2020, 7, .	1.1	6
29	Radio and X-Ray Observations of Short-lived Episodes of Electron Acceleration in a Solar Microflare. <i>Astrophysical Journal</i> , 2020, 904, 94.	1.6	6
30	A Model of Double Coronal Hard X-Ray Sources in Solar Flares. <i>Astrophysical Journal</i> , 2022, 933, 93.	1.6	4
31	Implications for Additional Plasma Heating Driving the Extreme-ultraviolet Late Phase of a Solar Flare with Microwave Imaging Spectroscopy. <i>Astrophysical Journal</i> , 2022, 932, 53.	1.6	3
32	Relaxation of magnetic field relative to plasma density during solar flares. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 589-590.	0.0	0
33	Study of the Particle Acceleration and Heating in a Weak Solar Flare using JVL. , 2019, , .		0