

Jiong Qiu

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,372
citations

361413

20
h-index

477307

29
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31
all docs

31
docs citations

31
times ranked

1022
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Magnetic Flux Budget in Low-Corona Magnetic Reconnection and Interplanetary Coronal Mass Ejections. <i>Astrophysical Journal</i> , 2007, 659, 758-772.	4.5	247
2	Magnetic Reconnection and Mass Acceleration in Flare-Coronal Mass Ejection Events. <i>Astrophysical Journal</i> , 2004, 604, 900-905.	4.5	178
3	Modeling and Measuring the Flux Reconnected and Ejected by the Two-Ribbon Flare/CME Event on 7 November 2004. <i>Solar Physics</i> , 2007, 244, 45-73.	2.5	98
4	Magnetic Reconnection Flux and Coronal Mass Ejection Velocity. <i>Astrophysical Journal</i> , 2005, 634, L121-L124.	4.5	88
5	RECONNECTION AND ENERGETICS IN TWO-RIBBON FLARES: A REVISIT OF THE BASTILLE-DAY FLARE. <i>Astrophysical Journal</i> , 2010, 725, 319-330.	4.5	83
6	Critical Science Plan for the Daniel K. Inouye Solar Telescope (DKIST). <i>Solar Physics</i> , 2021, 296, 1.	2.5	65
7	Coronal Holes and Open Magnetic Flux over Cycles 23 and 24. <i>Solar Physics</i> , 2017, 292, 18.	2.5	62
8	Magnetic field line lengths inside interplanetary magnetic flux ropes. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 5266-5283.	2.4	48
9	SPECTROSCOPIC OBSERVATIONS OF AN EVOLVING FLARE RIBBON SUBSTRUCTURE SUGGESTING ORIGIN IN CURRENT SHEET WAVES. <i>Astrophysical Journal</i> , 2015, 810, 4.	4.5	48
10	A Quantitative Model of Energy Release and Heating by Time-dependent, Localized Reconnection in a Flare with Thermal Loop-top X-ray Source. <i>Solar Physics</i> , 2010, 267, 107-139.	2.5	45
11	Hard X-ray and Microwave Observations of Microflares. <i>Astrophysical Journal</i> , 2004, 612, 530-545.	4.5	44
12	HEATING OF FLARE LOOPS WITH OBSERVATIONALLY CONSTRAINED HEATING FUNCTIONS. <i>Astrophysical Journal</i> , 2012, 752, 124.	4.5	41
13	DETERMINING HEATING RATES IN RECONNECTION FORMED FLARE LOOPS OF THE M8.0 FLARE ON 2005 MAY 13. <i>Astrophysical Journal</i> , 2013, 770, 111.	4.5	32
14	LONG DURATION FLARE EMISSION: IMPULSIVE HEATING OR GRADUAL HEATING?. <i>Astrophysical Journal</i> , 2016, 820, 14.	4.5	29
15	Spectroscopic Observations of Magnetic Reconnection and Chromospheric Evaporation in an X-shaped Solar Flare. <i>Astrophysical Journal</i> , 2017, 848, 118.	4.5	27
16	HARD X-RAY AND ULTRAVIOLET OBSERVATIONS OF THE 2005 JANUARY 15 TWO-RIBBON FLARE. <i>Astrophysical Journal</i> , 2012, 744, 48.	4.5	26
17	A FLARE OBSERVED IN CORONAL, TRANSITION REGION, AND HELIUM I 10830 Å... EMISSIONS. <i>Astrophysical Journal</i> , 2014, 793, 87.	4.5	26
18	Two-phase Heating in Flaring Loops. <i>Astrophysical Journal</i> , 2018, 856, 27.	4.5	23

#	ARTICLE	IF	CITATIONS
19	Simulating White Light Images of Coronal Structures for WISPR/Parker Solar Probe: Effects of the Near-Sun Elliptical Orbit. <i>Solar Physics</i> , 2019, 294, 1.	2.5	22
20	How Does Magnetic Reconnection Drive the Early-stage Evolution of Coronal Mass Ejections?. <i>Astrophysical Journal</i> , 2020, 893, 141.	4.5	22
21	ULTRAVIOLET AND EXTREME-ULTRAVIOLET EMISSIONS AT THE FLARE FOOTPOINTS OBSERVED BY ATMOSPHERE IMAGING ASSEMBLY. <i>Astrophysical Journal</i> , 2013, 774, 14.	4.5	20
22	Evaluating Mean Magnetic Field in Flare Loops. <i>Solar Physics</i> , 2009, 255, 107-118.	2.5	19
23	The Neupert Effect of Flare Ultraviolet and Soft X-Ray Emissions. <i>Astrophysical Journal</i> , 2021, 909, 99.	4.5	13
24	Correlated Spatio-temporal Evolution of Extreme-Ultraviolet Ribbons and Hard X-Rays in a Solar Flare. <i>Astrophysical Journal</i> , 2022, 926, 218.	4.5	13
25	Variability of the Reconnection Guide Field in Solar Flares. <i>Astrophysical Journal</i> , 2022, 932, 94.	4.5	13
26	Trajectory Determination for Coronal Ejecta Observed by WISPR/Parker Solar Probe. <i>Solar Physics</i> , 2020, 295, 1.	2.5	12
27	Evolution of a streamer-blowout CME as observed by imagers on Parker Solar Probe and the Solar Terrestrial Relations Observatory. <i>Astronomy and Astrophysics</i> , 2021, 650, A32.	5.1	12
28	Connecting Chromospheric Condensation Signatures to Reconnection-driven Heating Rates in an Observed Flare. <i>Astrophysical Journal</i> , 2022, 926, 164.	4.5	10
29	Properties and Energetics of Magnetic Reconnection: I. Evolution of Flare Ribbons. <i>Solar Physics</i> , 2022, 297, .	2.5	6
30	Reconstruction of magnetic clouds from in-situ spacecraft measurements and intercomparison with their solar sources. <i>Proceedings of the International Astronomical Union</i> , 2013, 8, 269-272.	0.0	0