

Sabrina L Savage

List of Publications by Year in descending order

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32
papers

1,048
citations

623734

14
h-index

501196

28
g-index

32
all docs

32
docs citations

32
times ranked

916
citing authors

#	ARTICLE	IF	CITATIONS
1	The SunPy Project: Open Source Development and Status of the Version 1.0 Core Package. <i>Astrophysical Journal</i> , 2020, 890, 68.	4.5	208
2	RECONNECTION OUTFLOWS AND CURRENT SHEET OBSERVED WITH <i>Hinode</i> /XRT IN THE 2008 APRIL 9 "CARTWHEEL CME" FLARE. <i>Astrophysical Journal</i> , 2010, 722, 329-342.	4.5	144
3	The High-Resolution Coronal Imager (Hi-C). <i>Solar Physics</i> , 2014, 289, 4393-4412.	2.5	104
4	RE-INTERPRETATION OF SUPRA-ARCADE DOWNFLOWS IN SOLAR FLARES. <i>Astrophysical Journal Letters</i> , 2012, 747, L40.	8.3	97
5	QUANTITATIVE EXAMINATION OF SUPRA-ARCADE DOWNFLOWS IN ERUPTIVE SOLAR FLARES. <i>Astrophysical Journal</i> , 2009, 697, 1569-1577.	4.5	71
6	LOW-ALTITUDE RECONNECTION INFLOW-OUTFLOW OBSERVATIONS DURING A 2010 NOVEMBER 3 SOLAR ERUPTION. <i>Astrophysical Journal</i> , 2012, 754, 13.	4.5	56
7	The High-Resolution Coronal Imager, Flight 2.1. <i>Solar Physics</i> , 2019, 294, 1.	2.5	44
8	Is the High-Resolution Coronal Imager Resolving Coronal Strands? Results from AR 12712. <i>Astrophysical Journal</i> , 2020, 892, 134.	4.5	40
9	Fine-scale Explosive Energy Release at Sites of Prospective Magnetic Flux Cancellation in the Core of the Solar Active Region Observed by Hi-C 2.1, IRIS, and SDO. <i>Astrophysical Journal</i> , 2019, 887, 56.	4.5	39
10	An Exploration of Heating Mechanisms in a Supra-arcade Plasma Sheet Formed after a Coronal Mass Ejection. <i>Astrophysical Journal</i> , 2017, 836, 55.	4.5	33
11	Hi-C 2.1 Observations of Jetlet-like Events at Edges of Solar Magnetic Network Lanes. <i>Astrophysical Journal Letters</i> , 2019, 887, L8.	8.3	30
12	DISCOVERY OF FINELY STRUCTURED DYNAMIC SOLAR CORONA OBSERVED IN THE Hi-C TELESCOPE. <i>Astrophysical Journal Letters</i> , 2014, 787, L10.	8.3	21
13	Hi-C OBSERVATIONS OF SUNSPOT PENUMBRAL BRIGHT DOTS. <i>Astrophysical Journal</i> , 2016, 822, 35.	4.5	21
14	The Drivers of Active Region Outflows into the Slow Solar Wind. <i>Astrophysical Journal</i> , 2020, 894, 144.	4.5	19
15	Unfolding Overlapped Slitless Imaging Spectrometer Data for Extended Sources. <i>Astrophysical Journal</i> , 2019, 882, 12.	4.5	14
16	Solar Active Region Heating Diagnostics from High-temperature Emission Using the MaGIXS. <i>Astrophysical Journal</i> , 2019, 884, 24.	4.5	11
17	EUV imaging and spectroscopy for improved space weather forecasting. <i>Journal of Space Weather and Space Climate</i> , 2020, 10, 37.	3.3	11
18	Hi-C 2.1 Observations of Small-scale Miniature-filament-eruption-like Cool Ejections in an Active Region Plage. <i>Astrophysical Journal</i> , 2020, 889, 187.	4.5	11

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19	Observation and Modeling of High-temperature Solar Active Region Emission during the High-resolution Coronal Imager Flight of 2018 May 29. <i>Astrophysical Journal</i> , 2020, 896, 51.	4.5	10
20	Signatures of the non-Maxwellian $\langle v \rangle$ -distributions in optically thin line spectra. <i>Astronomy and Astrophysics</i> , 2019, 626, A88.	5.1	9
21	The Marshall grazing incidence x-ray spectrometer (MaGIXS). , 2018, , .		9
22	On the alignment and focusing of the Marshall Grazing Incidence X-ray Spectrometer (MaGIXS). <i>Proceedings of SPIE</i> , 2016, , .	0.8	7
23	X-ray evaluation of the Marshall Grazing Incidence X-ray Spectrometer (MaGIXS) nickel-replicated mirrors. , 2019, , .		7
24	Further Evidence for the Minifilament-eruption Scenario for Solar Polar Coronal Jets. <i>Astrophysical Journal</i> , 2022, 927, 79.	4.5	6
25	A Survey of Computational Tools in Solar Physics. <i>Solar Physics</i> , 2020, 295, 1.	2.5	5
26	Parallel Plasma Loops and the Energization of the Solar Corona. <i>Astrophysical Journal</i> , 2022, 933, 153.	4.5	5
27	A Solar Magnetic-fan Flaring Arch Heated by Nonthermal Particles and Hot Plasma from an X-Ray Jet Eruption. <i>Astrophysical Journal</i> , 2020, 895, 42.	4.5	4
28	Calibration of the MaGIXS Experiment. I. Calibration of the X-Ray Source at the X-Ray and Cryogenic Facility. <i>Astrophysical Journal</i> , 2020, 905, 66.	4.5	4
29	Marshall Grazing Incidence X-ray Spectrometer Slitjaw Imager Implementation and Performance. <i>Solar Physics</i> , 2021, 296, 1.	2.5	3
30	Alignment of the Marshall Grazing Incidence X-ray Spectrometer (MaGIXS) telescope mirror and spectrometer optics assemblies. , 2020, , .		2
31	Calibration of the Marshall Grazing Incidence X-Ray Spectrometer Experiment. II. Flight Instrument Calibration. <i>Astrophysical Journal</i> , 2021, 922, 65.	4.5	2
32	The Marshall Grazing Incidence X-ray Spectrometer. , 2017, , .		1