Lindsay Glesener

List of Publications by Year
in descending order

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		394421	434195
45	1,037	19	31
papers	citations	h-index	g-index

46	46	46	750
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Particle acceleration by a solar flare termination shock. Science, 2015, 350, 1238-1242.	12.6	114
2	FIRST IMAGES FROM THE FOCUSING OPTICS X-RAY SOLAR IMAGER. Astrophysical Journal Letters, 2014, 793, L32.	8.3	62
3	Microflare Heating of a Solar Active Region Observed with NuSTAR, Hinode/XRT, and SDO/AIA. Astrophysical Journal, 2017, 844, 132.	4.5	56
4	Detection of nanoflare-heated plasma in the solar corona by the FOXSI-2 sounding rocket. Nature Astronomy, 2017, 1, 771-774.	10.1	48
5	THE FIRST FOCUSED HARD X-RAY IMAGES OF THE SUN WITH NuSTAR. Astrophysical Journal, 2016, 826, 20.	4.5	45
6	Accelerated Electrons Observed Down to <7 keV in a NuSTAR Solar Microflare. Astrophysical Journal Letters, 2020, 891, L34.	8.3	45
7	THE FIRST X-RAY IMAGING SPECTROSCOPY OF QUIESCENT SOLAR ACTIVE REGIONS WITH NuSTAR. Astrophysical Journal Letters, 2016, 820, L14.	8.3	44
8	Magnetic Reconnection during the Post-impulsive Phase of a Long-duration Solar Flare: Bidirectional Outflows as a Cause of Microwave and X-Ray Bursts. Astrophysical Journal, 2020, 900, 17.	4.5	42
9	HARD X-RAY OBSERVATIONS OF A JET AND ACCELERATED ELECTRONS IN THE CORONA. Astrophysical Journal, 2012, 754, 9.	4.5	36
10	Constraining hot plasma in a non-flaring solar active region with FOXSI hard X-ray observations. Publication of the Astronomical Society of Japan, 2014, 66, .	2.5	34
11	NuSTAR Hard X-Ray Observation of a Sub-A Class Solar Flare. Astrophysical Journal, 2017, 845, 122.	4.5	32
12	The Acceleration and Confinement of Energetic Electrons by a Termination Shock in a Magnetic Trap: An Explanation for Nonthermal Loop-top Sources during Solar Flares. Astrophysical Journal Letters, 2019, 887, L37.	8.3	31
13	FOXSI-2: Upgrades of the Focusing Optics X-ray Solar Imager for its Second Flight. Journal of Astronomical Instrumentation, 2016, 05, .	1.5	30
14	NuSTAR Detection of X-Ray Heating Events in the Quiet Sun. Astrophysical Journal Letters, 2018, 856, L32.	8.3	30
15	Hard X-Ray Emission from Partially Occulted Solar Flares: RHESSI Observations in Two Solar Cycles. Astrophysical Journal, 2017, 835, 124.	4.5	28
16	The focusing optics x-ray solar imager (FOXSI): instrument and first flight. Proceedings of SPIE, 2013, , .	0.8	23
17	Electron Acceleration and Jet-facilitated Escape in an M-class Solar Flare on 2002 August 19. Astrophysical Journal, 2018, 867, 84.	4.5	23
18	FOXSI-2 Solar Microflares. I. Multi-instrument Differential Emission Measure Analysis and Thermal Energies. Astrophysical Journal, 2020, 891, 78.	4.5	22

#	Article	IF	Citations
19	Energetic Electron Distribution of the Coronal Acceleration Region: First Results from Joint Microwave and Hard X-Ray Imaging Spectroscopy. Astrophysical Journal Letters, 2021, 908, L55.	8.3	21
20	The FOXSI solar sounding rocket campaigns. Proceedings of SPIE, 2016, , .	0.8	20
21	Joint X-Ray, EUV, and UV Observations of a Small Microflare. Astrophysical Journal, 2019, 881, 109.	4.5	20
22	The Focusing Optics X-ray Solar Imager (FOXSI). Proceedings of SPIE, 2009, , .	0.8	19
23	NuSTAR Observation of a Minuscule Microflare in a Solar Active Region. Astrophysical Journal Letters, 2020, 893, L40.	8.3	18
24	NuSTAR Observation of Energy Release in 11 Solar Microflares. Astrophysical Journal, 2021, 908, 29.	4.5	18
25	NuSTAR observations of a repeatedly microflaring active region. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3936-3951.	4.4	16
26	EVIDENCE OF SIGNIFICANT ENERGY INPUT IN THE LATE PHASE OF A SOLAR FLARE FROM NuSTAR X-RAY OBSERVATIONS. Astrophysical Journal, 2017, 835, 6.	4.5	15
27	Hard X-Ray Constraints on Small-scale Coronal Heating Events. Astrophysical Journal, 2018, 864, 5.	4.5	15
28	Development of 60 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e470" altimg="si45.gif"><mml:mi mathvariant="normal">Î¼<mml:mi><mml:mi mathvariant="normal">m</mml:mi></mml:math> pitch CdTe double-sided strip detectors for the FOXSI-3 sounding rocket experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 924, 321-326.	1.6	13
29	Periodicities in an active region correlated with Type III radio bursts observed by Parker Solar Probe. Astronomy and Astrophysics, 2021, 650, A6.	5.1	13
30	The Focusing Optics X-ray Solar Imager (FOXSI). Proceedings of SPIE, 2011, , .	0.8	12
31	Fineâ€pitch CdTe detector for hard Xâ€ray imaging and spectroscopy of the Sun with the FOXSI rocket experiment. Journal of Geophysical Research: Space Physics, 2016, 121, 6009-6016.	2.4	12
32	Statistical Study of Hard X-Ray Emitting Electrons Associated with Flare-related Coronal Jets. Astrophysical Journal, 2020, 889, 183.	4.5	12
33	Solar Active Region Heating Diagnostics from High-temperature Emission Using the MaGIXS. Astrophysical Journal, 2019, 884, 24.	4.5	11
34	FOXSI-2 Solar Microflares. II. Hard X-ray Imaging Spectroscopy and Flare Energetics. Astrophysical Journal, 2021, 913, 15.	4.5	11
35	First NuSTAR Limits on Quiet Sun Hard X-Ray Transient Events. Astrophysical Journal, 2017, 849, 131.	4.5	9
36	Modeling Electron Acceleration and Transport in the Early Impulsive Phase of the 2017 September 10th Solar Flare. Astrophysical Journal, 2022, 932, 92.	4.5	7

#	Article	IF	Citations
37	Calibration of the hard x-ray detectors for the FOXSI solar sounding rocket. , 2017, , .		6
38	Subsecond Spikes in Fermi GBM X-Ray Flux as a Probe for Solar Flare Particle Acceleration. Astrophysical Journal, 2020, 903, 63.	4.5	6
39	New Star Observations with NuSTAR: Flares from Young Stellar Objects in the Ï•Ophiuchi Cloud Complex in Hard X-Rays. Astrophysical Journal, 2019, 882, 72.	4.5	4
40	FOXSI-4: the high resolution focusing X-ray rocket payload to observe a solar flare.. , 2021, , .		4
41	Methods for reducing singly reflected rays on the Wolter-I focusing mirrors of the FOXSI rocket experiment. , 2017, , .		4
42	Ghost-ray reduction and early results from the third FOXSI sounding rocket flight. , 2019, , .		3
43	Automatic Detection of Occulted Hard X-Ray Flares Using Deep-Learning Methods. Solar Physics, 2021, 296, 1.	2.5	2
44	Ion Traps at the Sun: Implications for Elemental Fractionation. Astrophysical Journal, 2018, 857, 85.	4.5	1
45	Developing a detector model for the experiment for x-ray characterization and timing (EXACT) CubeSat. , 2017, , .		0