

# Lindsay Glesener

## List of Publications by Year in descending order

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45  
papers

1,037  
citations

394421

19  
h-index

434195

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g-index

46  
all docs

46  
docs citations

46  
times ranked

750  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling Electron Acceleration and Transport in the Early Impulsive Phase of the 2017 September 10th Solar Flare. <i>Astrophysical Journal</i> , 2022, 932, 92.	4.5	7
2	NuSTAR Observation of Energy Release in 11 Solar Microflares. <i>Astrophysical Journal</i> , 2021, 908, 29.	4.5	18
3	Automatic Detection of Occulted Hard X-Ray Flares Using Deep-Learning Methods. <i>Solar Physics</i> , 2021, 296, 1.	2.5	2
4	Energetic Electron Distribution of the Coronal Acceleration Region: First Results from Joint Microwave and Hard X-Ray Imaging Spectroscopy. <i>Astrophysical Journal Letters</i> , 2021, 908, L55.	8.3	21
5	FOXSI-2 Solar Microflares. II. Hard X-ray Imaging Spectroscopy and Flare Energetics. <i>Astrophysical Journal</i> , 2021, 913, 15.	4.5	11
6	Periodicities in an active region correlated with Type III radio bursts observed by Parker Solar Probe. <i>Astronomy and Astrophysics</i> , 2021, 650, A6.	5.1	13
7	FOXSI-4: the high resolution focusing X-ray rocket payload to observe a solar flare.. , 2021, , .		4
8	NuSTAR observations of a repeatedly microflaring active region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 3936-3951.	4.4	16
9	NuSTAR Observation of a Minuscule Microflare in a Solar Active Region. <i>Astrophysical Journal Letters</i> , 2020, 893, L40.	8.3	18
10	FOXSI-2 Solar Microflares. I. Multi-instrument Differential Emission Measure Analysis and Thermal Energies. <i>Astrophysical Journal</i> , 2020, 891, 78.	4.5	22
11	Accelerated Electrons Observed Down to $\sim 7$ keV in a NuSTAR Solar Microflare. <i>Astrophysical Journal Letters</i> , 2020, 891, L34.	8.3	45
12	Statistical Study of Hard X-Ray Emitting Electrons Associated with Flare-related Coronal Jets. <i>Astrophysical Journal</i> , 2020, 889, 183.	4.5	12
13	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.	4.5	42
14	Subsecond Spikes in Fermi GBM X-Ray Flux as a Probe for Solar Flare Particle Acceleration. <i>Astrophysical Journal</i> , 2020, 903, 63.	4.5	6
15	Joint X-Ray, EUV, and UV Observations of a Small Microflare. <i>Astrophysical Journal</i> , 2019, 881, 109.	4.5	20
16	New Star Observations with NuSTAR: Flares from Young Stellar Objects in the $\rho$ -Ophiuchi Cloud Complex in Hard X-Rays. <i>Astrophysical Journal</i> , 2019, 882, 72.	4.5	4
17	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. <i>Astrophysical Journal Letters</i> , 2019, 887, L37.	8.3	31
18	Solar Active Region Heating Diagnostics from High-temperature Emission Using the MaGIXS. <i>Astrophysical Journal</i> , 2019, 884, 24.	4.5	11

#	ARTICLE	IF	CITATIONS
19	Development of 60 $\mu\text{m}$ 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, 324, 321-326.	1.6	13
20	Ghost-ray reduction and early results from the third FOXSI sounding rocket flight. , 2019, , .		3
21	Ion Traps at the Sun: Implications for Elemental Fractionation. Astrophysical Journal, 2018, 857, 85.	4.5	1
22	Electron Acceleration and Jet-facilitated Escape in an M-class Solar Flare on 2002 August 19. Astrophysical Journal, 2018, 867, 84.	4.5	23
23	NuSTAR Detection of X-Ray Heating Events in the Quiet Sun. Astrophysical Journal Letters, 2018, 856, L32.	8.3	30
24	Hard X-Ray Constraints on Small-scale Coronal Heating Events. Astrophysical Journal, 2018, 864, 5.	4.5	15
25	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
26	Hard X-Ray Emission from Partially Occulted Solar Flares: RHESSI Observations in Two Solar Cycles. Astrophysical Journal, 2017, 835, 124.	4.5	28
27	Detection of nanoflare-heated plasma in the solar corona by the FOXSI-2 sounding rocket. Nature Astronomy, 2017, 1, 771-774.	10.1	48
28	NuSTAR Hard X-Ray Observation of a Sub-A Class Solar Flare. Astrophysical Journal, 2017, 845, 122.	4.5	32
29	Microflare Heating of a Solar Active Region Observed with NuSTAR, Hinode/XRT, and SDO/AIA. Astrophysical Journal, 2017, 844, 132.	4.5	56
30	First NuSTAR Limits on Quiet Sun Hard X-Ray Transient Events. Astrophysical Journal, 2017, 849, 131.	4.5	9
31	Calibration of the hard x-ray detectors for the FOXSI solar sounding rocket. , 2017, , .		6
32	Methods for reducing singly reflected rays on the Wolter-I focusing mirrors of the FOXSI rocket experiment. , 2017, , .		4
33	Developing a detector model for the experiment for x-ray characterization and timing (EXACT) CubeSat. , 2017, , .		0
34	THE FIRST X-RAY IMAGING SPECTROSCOPY OF QUIESCENT SOLAR ACTIVE REGIONS WITH NuSTAR. Astrophysical Journal Letters, 2016, 820, L14.	8.3	44
35	Fine-pitch CdTe detector for hard X-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
36	The FOXSI solar sounding rocket campaigns. Proceedings of SPIE, 2016, , .	0.8	20

#	ARTICLE	IF	CITATIONS
37	THE FIRST FOCUSED HARD X-RAY IMAGES OF THE SUN WITH NuSTAR. <i>Astrophysical Journal</i> , 2016, 826, 20.	4.5	45
38	FOXSI-2: Upgrades of the Focusing Optics X-ray Solar Imager for its Second Flight. <i>Journal of Astronomical Instrumentation</i> , 2016, 05, .	1.5	30
39	Particle acceleration by a solar flare termination shock. <i>Science</i> , 2015, 350, 1238-1242.	12.6	114
40	FIRST IMAGES FROM THE <i>FOCUSING OPTICS X-RAY SOLAR IMAGER</i>. <i>Astrophysical Journal Letters</i> , 2014, 793, L32.	8.3	62
41	Constraining hot plasma in a non-flaring solar active region with FOXSI hard X-ray observations. <i>Publication of the Astronomical Society of Japan</i> , 2014, 66, .	2.5	34
42	The focusing optics x-ray solar imager (FOXSI): instrument and first flight. <i>Proceedings of SPIE</i> , 2013, , .	0.8	23
43	HARD X-RAY OBSERVATIONS OF A JET AND ACCELERATED ELECTRONS IN THE CORONA. <i>Astrophysical Journal</i> , 2012, 754, 9.	4.5	36
44	The Focusing Optics X-ray Solar Imager (FOXSI). <i>Proceedings of SPIE</i> , 2011, , .	0.8	12
45	The Focusing Optics X-ray Solar Imager (FOXSI). <i>Proceedings of SPIE</i> , 2009, , .	0.8	19