

Fiona A Harrison

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

4,967
citations

279798

23
h-index

330143

37
g-index

40
all docs

40
docs citations

40
times ranked

5650
citing authors

#	ARTICLE	IF	CITATIONS
1	THE <i>NUCLEAR SPECTROSCOPIC TELESCOPE ARRAY</i> (<i>NuSTAR</i>) HIGH-ENERGY X-RAY MISSION. <i>Astrophysical Journal</i> , 2013, 770, 103.	4.5	1,627
2	Illuminating gravitational waves: A concordant picture of photons from a neutron star merger. <i>Science</i> , 2017, 358, 1559-1565.	12.6	559
3	An ultraluminous X-ray source powered by an accreting neutron star. <i>Nature</i> , 2014, 514, 202-204.	27.8	551
4	<i>Swift</i> and <i>NuSTAR</i> observations of GW170817: Detection of a blue kilonova. <i>Science</i> , 2017, 358, 1565-1570.	12.6	399
5	Asymmetries in core-collapse supernovae from maps of radioactive ⁴⁴ Ti in Cassiopeia A. <i>Nature</i> , 2014, 506, 339-342.	27.8	208
6	Black hole feedback in the luminous quasar PDS 456. <i>Science</i> , 2015, 347, 860-863.	12.6	194
7	A fast and long-lived outflow from the supermassive black hole in NGC 5548. <i>Science</i> , 2014, 345, 64-68.	12.6	183
8	<i>NuSTAR</i> OBSERVATIONS OF THE BULLET CLUSTER: CONSTRAINTS ON INVERSE COMPTON EMISSION. <i>Astrophysical Journal</i> , 2014, 792, 48.	4.5	164
9	⁴⁴ Ti gamma-ray emission lines from SN1987A reveal an asymmetric explosion. <i>Science</i> , 2015, 348, 670-671.	12.6	105
10	Magnetic field strength of a neutron-star-powered ultraluminous X-ray source. <i>Nature Astronomy</i> , 2018, 2, 312-316.	10.1	99
11	Simultaneous NuSTAR and XMM-Newton 0.5-80 keV spectroscopy of the narrow-line Seyfert 1 galaxy SWIFT J2127.4+5654. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 2347-2356.	4.4	85
12	Position sensitive x-ray spectrophotometer using microwave kinetic inductance detectors. <i>Applied Physics Letters</i> , 2006, 89, 222507.	3.3	76
13	A <i>NuSTAR</i> SURVEY OF NEARBY ULTRALUMINOUS INFRARED GALAXIES. <i>Astrophysical Journal</i> , 2015, 814, 56.	4.5	63
14	Extended hard-X-ray emission in the inner few parsecs of the Galaxy. <i>Nature</i> , 2015, 520, 646-649.	27.8	60
15	BAT AGN Spectroscopic Survey - IV: Near-Infrared Coronal Lines, Hidden Broad Lines, and Correlation with Hard X-ray Emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx055.	4.4	60
16	An elevation of 0.1 light-seconds for the optical jet base in an accreting Galactic black hole system. <i>Nature Astronomy</i> , 2017, 1, 859-864.	10.1	59
17	The Broadband Afterglow of GRB 980703. <i>Astrophysical Journal</i> , 2003, 590, 992-998.	4.5	54
18	X-ray spectra reveal the reawakening of the repeat changing-look AGN NGC 1566. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2019, 483, L88-L92.	3.3	44

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19	NuSTAR Survey of Obscured Swift/BAT-selected Active Galactic Nuclei. II. Median High-energy Cutoff in Seyfert II Hard X-Ray Spectra. <i>Astrophysical Journal</i> , 2020, 905, 41.	4.5	40
20	The NuSTAR Extragalactic Surveys: X-Ray Spectroscopic Analysis of the Bright Hard-band Selected Sample. <i>Astrophysical Journal</i> , 2018, 854, 33.	4.5	33
21	BAT AGN spectroscopic survey - XV: the high frequency radio cores of ultra-hard X-ray selected AGN. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 4216-4234.	4.4	31
22	The NuSTAR X-ray spectrum of the low-luminosity active galactic nucleus in NGC 7213. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 3266-3272.	4.4	28
23	BAT AGN Spectroscopic Survey â€“ XIX. Type 1 versus type 2 AGN dichotomy from the point of view of ionized outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 5867-5880.	4.4	28
24	The weak Fe fluorescence line and long-term X-ray evolution of the Compton-thick active galactic nucleus in NGC 7674. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 4606-4621.	4.4	26
25	Sagittarius A * High-energy X-Ray Flare Properties during NuStar Monitoring of the Galactic Center from 2012 to 2015. <i>Astrophysical Journal</i> , 2017, 843, 96.	4.5	23
26	The nature of the torus in the heavily obscured AGN Markarian 3: an X-ray study. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 1954-1969.	4.4	22
27	BAT AGN Spectroscopic Survey â€“ III. An observed link between AGN Eddington ratio and narrow-emission-line ratios. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 1466-1473.	4.4	22
28	BAT AGN Spectroscopic Survey XXVII: scattered X-Ray radiation in obscured active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 428-443.	4.4	20
29	An Iwasawaâ€“Taniguchi effect for Compton-thick active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 3775-3790.	4.4	19
30	BASS XXXI: Outflow scaling relations in low redshift X-ray AGN host galaxies with MUSE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 2105-2124.	4.4	18
31	Demonstrating the likely neutron star nature of five M31 globular cluster sources with Swift-NuSTAR spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 3633-3643.	4.4	16
32	Optical communication on CubeSats â€” Enabling the next era in space science. , 2017, , .		15
33	NuSTAR observations of four nearby X-ray faint AGNs: low luminosity or heavy obscuration?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 229-245.	4.4	13
34	Constraints on the average magnetic field strength of relic radio sources 0917+75 and 1401â”33 from XMM-Newton observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 383, 1259-1268.	4.4	8
35	Extreme relativistic reflection in the active galaxy ESO 033-G002. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1557-1572.	4.4	5
36	NuSTAR results and future plans for magnetar and rotation-powered pulsar observations. <i>Astronomische Nachrichten</i> , 2014, 335, 280-284.	1.2	4

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37	Characterization of low light performance of a complementary metal-oxide semiconductor sensor for ultraviolet astronomical applications. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2022, 8, .	1.8	3
38	A <i>NuSTAR</i> and <i>Swift</i> view of the hard state of MAXI J1813-095. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 1952-1960.	4.4	2
39	Reconstruction of the NuSTAR point spread function using single-laser metrology. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2022, 8, .	1.8	1
40	The most distant cosmological explosion. , 2011, , .		0