

Murray Brightman

List of Publications by Year in descending order

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57
papers

3,006
citations

159585

30
h-index

161849

54
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all docs

57
docs citations

57
times ranked

1942
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of the Spin, Spectrum and Superorbital Period of the Ultraluminous X-Ray Pulsar M51 ULX7. <i>Astrophysical Journal</i> , 2022, 925, 18.	4.5	5
2	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
3	X-Ray Coronal Properties of Swift/BAT-selected Seyfert 1 Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2022, 927, 42.	4.5	23
4	An 8.56 keV Absorption Line in the Hyperluminous X-Ray Source in NGC 4045: Ultrafast Outflow or Cyclotron Line?. <i>Astrophysical Journal</i> , 2022, 929, 138.	4.5	8
5	A Luminous X-Ray Transient in SDSS J143359.16+400636.0: A Likely Tidal Disruption Event. <i>Astrophysical Journal</i> , 2021, 909, 102.	4.5	7
6	Chandra Probes the X-Ray Variability of M51 ULX-7: Evidence of Propeller Transition and X-Ray Dips on Orbital Periods. <i>Astrophysical Journal</i> , 2021, 909, 50.	4.5	13
7	NuSTAR reveals the hidden nature of SS433. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1045-1058.	4.4	20
8	Continued Radio Observations of GW170817 3.5 yr Post-merger. <i>Astrophysical Journal Letters</i> , 2021, 914, L20.	8.3	33
9	A Comprehensive X-Ray Report on AT2019wey. <i>Astrophysical Journal</i> , 2021, 920, 121.	4.5	8
10	The Panchromatic Afterglow of GW170817: The Full Uniform Data Set, Modeling, Comparison with Previous Results, and Implications. <i>Astrophysical Journal</i> , 2021, 922, 154.	4.5	27
11	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
12	The unusual broad-band X-ray spectral variability of NGC 1313 X-1 seen with <i>XMM-Newton</i> , <i>Chandra</i> , and <i>NuSTAR</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 6012-6029.	4.4	32
13	All at Once: Transient Pulsations, Spin-down, and a Glitch from the Pulsating Ultraluminous X-Ray Source M82 X-2. <i>Astrophysical Journal</i> , 2020, 891, 44.	4.5	31
14	Swift Monitoring of M51: A 38 day Superorbital Period for the Pulsar ULX7 and a New Transient Ultraluminous X-Ray Source. <i>Astrophysical Journal</i> , 2020, 895, 127.	4.5	26
15	The Ultraluminous X-Ray Sources Population of the Galaxy NGC 7456. <i>Astrophysical Journal</i> , 2020, 890, 166.	4.5	13
16	Discovery of a 2.8 s Pulsar in a 2 Day Orbit High-mass X-Ray Binary Powering the Ultraluminous X-Ray Source ULX-7 in M51. <i>Astrophysical Journal</i> , 2020, 895, 60.	4.5	106
17	Spectral Evolution of the Ultraluminous X-Ray Sources M82 X-1 and X-2. <i>Astrophysical Journal</i> , 2020, 889, 71.	4.5	11
18	The (Re)appearance of NGC 925 ULX-3, a New Transient ULX. <i>Astrophysical Journal</i> , 2020, 891, 153.	4.5	15

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19	Hot Dust-obscured Galaxies with Excess Blue Light. <i>Astrophysical Journal</i> , 2020, 897, 112.	4.5	16
20	Chandra Observations of Candidate Subparsec Binary Supermassive Black Holes. <i>Astrophysical Journal</i> , 2020, 900, 148.	4.5	13
21	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
22	A new transient ultraluminous X-ray source in NGC 7090. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 1002-1012.	4.4	9
23	A Broadband Look at the Old and New ULXs of NGC 6946. <i>Astrophysical Journal</i> , 2019, 881, 38.	4.5	15
24	Discovery of a Red Supergiant Donor Star in SN2010da/NGC 300 ULX-1. <i>Astrophysical Journal Letters</i> , 2019, 883, L34.	8.3	46
25	Searching for the Donor Stars of ULX Pulsars. <i>Astrophysical Journal</i> , 2019, 871, 231.	4.5	15
26	A $\sim 1/460$ day Super-orbital Period Originating from the Ultraluminous X-Ray Pulsar in M82. <i>Astrophysical Journal</i> , 2019, 873, 115.	4.5	39
27	X-ray spectral and eclipsing model of the clumpy obscurer in active galactic nuclei. <i>Astronomy and Astrophysics</i> , 2019, 629, A16.	5.1	46
28	The Broadband X-Ray Spectrum of the X-Ray-obscured Type 1 AGN 2MASX J193013.80+341049.5. <i>Astrophysical Journal</i> , 2019, 887, 255.	4.5	4
29	Magnetic field strength of a neutron-star-powered ultraluminous X-ray source. <i>Nature Astronomy</i> , 2018, 2, 312-316.	10.1	99
30	Heavy X-ray obscuration in the most luminous galaxies discovered by WISE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 4528-4540.	4.4	44
31	Lense-Thirring precession in ULXs as a possible means to constrain the neutron star equation of state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 154-166.	4.4	40
32	New Spectral Model for Constraining Torus Covering Factors from Broadband X-Ray Spectra of Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2018, 854, 42.	4.5	161
33	A Long Hard-X-Ray Look at the Dual Active Galactic Nuclei of M51 with NuSTAR. <i>Astrophysical Journal</i> , 2018, 867, 110.	4.5	15
34	Coronal Properties of Swift/BAT-selected Seyfert 1 AGNs Observed with NuSTAR. <i>Astrophysical Journal</i> , 2018, 866, 124.	4.5	30
35	The Chandra COSMOS Legacy Survey: Compton thick AGN at high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 2578-2592.	4.4	49
36	Evidence for a variable Ultrafast Outflow in the newly discovered Ultraluminous Pulsar NGC 300 ULX-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 3978-3986.	4.4	88

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37	A tale of two periods: determination of the orbital ephemeris of the super-Eddington pulsar NGC 7793 P13. <i>Astronomy and Astrophysics</i> , 2018, 616, A186.	5.1	39
38	Super-Eddington accretion on to the neutron star NGC 7793 P13: Broad-band X-ray spectroscopy and ultraluminous X-ray sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 4360-4376.	4.4	53
39	A Potential Cyclotron Resonant Scattering Feature in the Ultraluminous X-Ray Source Pulsar NGC 300 ULX1 Seen by NuSTAR and XMM-Newton. <i>Astrophysical Journal Letters</i> , 2018, 857, L3.	8.3	64
40	An Iwasawa-Taniguchi effect for Compton-thick active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 3775-3790.	4.4	19
41	Evidence for Pulsar-like Emission Components in the Broadband ULX Sample. <i>Astrophysical Journal</i> , 2018, 856, 128.	4.5	112
42	NuSTAR OBSERVATIONS OF WISE J1036+0449, A GALAXY AT $z \approx 1$ OBSCURED BY HOT DUST. <i>Astrophysical Journal</i> , 2017, 835, 105.	4.5	55
43	SPECTRAL CHANGES IN THE HYPERLUMINOUS PULSAR IN NGC 5907 AS A FUNCTION OF SUPER-ORBITAL PHASE. <i>Astrophysical Journal</i> , 2017, 834, 77.	4.5	64
44	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
45	AN IRON K COMPONENT TO THE ULTRAFAST OUTFLOW IN NGC 1313 X-1. <i>Astrophysical Journal Letters</i> , 2016, 826, L26.	8.3	73
46	SPECTRAL AND TEMPORAL PROPERTIES OF THE ULTRA-LUMINOUS X-RAY PULSAR IN M82 FROM 15 YEARS OF CHANDRA OBSERVATIONS AND ANALYSIS OF THE PULSED EMISSION USING NuSTAR. <i>Astrophysical Journal</i> , 2016, 816, 60.	4.5	50
47	A BROADBAND X-RAY SPECTRAL STUDY OF THE INTERMEDIATE-MASS BLACK HOLE CANDIDATE M82 X-1 WITH NuSTAR, CHANDRA, AND SWIFT. <i>Astrophysical Journal</i> , 2016, 829, 28.	4.5	23
48	HOT DUST OBSCURED GALAXIES WITH EXCESS BLUE LIGHT: DUAL AGN OR SINGLE AGN UNDER EXTREME CONDITIONS?. <i>Astrophysical Journal</i> , 2016, 819, 111.	4.5	47
49	A 78 DAY X-RAY PERIOD DETECTED FROM NGC 5907 ULX1 BY SWIFT. <i>Astrophysical Journal Letters</i> , 2016, 827, L13.	8.3	56
50	DISCOVERY OF COHERENT PULSATIONS FROM THE ULTRALUMINOUS X-RAY SOURCE NGC 7793 P13. <i>Astrophysical Journal Letters</i> , 2016, 831, L14.	8.3	272
51	NuSTAR AND XMM-NEWTON OBSERVATIONS OF THE HARD X-RAY SPECTRUM OF CENTAURUS A. <i>Astrophysical Journal</i> , 2016, 819, 150.	4.5	39
52	OBSCURATION-DEPENDENT EVOLUTION OF ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2015, 802, 89.	4.5	214
53	NuSTAR AND XMM-NEWTON OBSERVATIONS OF LUMINOUS, HEAVILY OBSCURED, WISE-SELECTED QUASARS AT $z \approx 2$. <i>Astrophysical Journal</i> , 2014, 794, 102.	4.5	93
54	A statistical relation between the X-ray spectral index and Eddington ratio of active galactic nuclei in deep surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 2485-2496.	4.4	155

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55	Constraining the fraction of Compton-thick AGN in the Universe by modelling the diffuse X-ray background spectrum. <i>Astronomy and Astrophysics</i> , 2012, 546, A98.	5.1	96
56	An XMM-Newton spectral survey of 12 μm selected galaxies - I. X-ray data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 1206-1235.	4.4	270
57	On the magnetic field in M51 ULX-8. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	25