

# Murray Brightman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6294180/publications.pdf>

Version: 2024-02-01

57  
papers

3,006  
citations

159585

30  
h-index

161849

54  
g-index

57  
all docs

57  
docs citations

57  
times ranked

1942  
citing authors

#	ARTICLE	IF	CITATIONS
1	DISCOVERY OF COHERENT PULSATIONS FROM THE ULTRALUMINOUS X-RAY SOURCE NGC 7793 P13. <i>Astrophysical Journal Letters</i> , 2016, 831, L14.	8.3	272
2	An XMM-Newton spectral survey of 12 $\hat{z} \approx 1/4$ m selected galaxies - I. X-ray data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 1206-1235.	4.4	270
3	OBSCURATION-DEPENDENT EVOLUTION OF ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2015, 802, 89.	4.5	214
4	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
5	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
6	Evidence for Pulsar-like Emission Components in the Broadband ULX Sample. <i>Astrophysical Journal</i> , 2018, 856, 128.	4.5	112
7	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
8	Magnetic field strength of a neutron-star-powered ultraluminous X-ray source. <i>Nature Astronomy</i> , 2018, 2, 312-316.	10.1	99
9	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
10	<i>NuSTAR</i> AND <i>XMM-NEWTON</i> OBSERVATIONS OF LUMINOUS, HEAVILY OBSCURED, <i>WISE</i> -SELECTED QUASARS AT $z \approx 1/4$ 2. <i>Astrophysical Journal</i> , 2014, 794, 102.	4.5	93
11	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
12	AN IRON K COMPONENT TO THE ULTRAFAST OUTFLOW IN NGC 1313 X-1. <i>Astrophysical Journal Letters</i> , 2016, 826, L26.	8.3	73
13	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
14	A Potential Cyclotron Resonant Scattering Feature in the Ultraluminous X-Ray Source Pulsar NGC 300 ULX1 Seen by <i>NuSTAR</i> and <i>XMM-Newton</i> . <i>Astrophysical Journal Letters</i> , 2018, 857, L3.	8.3	64
15	A 78 DAY X-RAY PERIOD DETECTED FROM NGC 5907 ULX1 BY <i>SWIFT</i> . <i>Astrophysical Journal Letters</i> , 2016, 827, L13.	8.3	56
16	<i>NuSTAR</i> OBSERVATIONS OF <i>WISE</i> J1036+0449, A GALAXY AT $z \approx 1/4$ 1 OBSCURED BY HOT DUST. <i>Astrophysical Journal</i> , 2017, 835, 105.	4.5	55
17	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
18	SPECTRAL AND TEMPORAL PROPERTIES OF THE ULTRA-LUMINOUS X-RAY PULSAR IN M82 FROM 15 YEARS OF <i>CHANDRA</i> OBSERVATIONS AND ANALYSIS OF THE PULSED EMISSION USING <i>NuSTAR</i> . <i>Astrophysical Journal</i> , 2016, 816, 60.	4.5	50

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Discovery of a Red Supergiant Donor Star in SN2010da/NGC 300 ULX-1. <i>Astrophysical Journal Letters</i> , 2019, 883, L34.	8.3	46
22	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
23	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
24	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
25	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
26	NuSTAR AND XMM-NEWTON OBSERVATIONS OF THE HARD X-RAY SPECTRUM OF CENTAURUS A. <i>Astrophysical Journal</i> , 2016, 819, 150.	4.5	39
27	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
28	A $\sim 1/60$ day Super-orbital Period Originating from the Ultraluminous X-Ray Pulsar in M82. <i>Astrophysical Journal</i> , 2019, 873, 115.	4.5	39
29	Continued Radio Observations of GW170817 3.5 yr Post-merger. <i>Astrophysical Journal Letters</i> , 2021, 914, L20.	8.3	33
30	The unusual broad-band X-ray spectral variability of NGC 1313 X-1 seen with XMM-Newton, Chandra, and NuSTAR. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 6012-6029.	4.4	32
31	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
32	Coronal Properties of Swift/BAT-selected Seyfert 1 AGNs Observed with NuSTAR. <i>Astrophysical Journal</i> , 2018, 866, 124.	4.5	30
33	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
34	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
35	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
36	On the magnetic field in M51 ULX-8. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	25

#	ARTICLE	IF	CITATIONS
37	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
38	X-Ray Coronal Properties of Swift/BAT-selected Seyfert 1 Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2022, 927, 42.	4.5	23
39	NuSTAR reveals the hidden nature of SS433. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1045-1058.	4.4	20
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	Hot Dust-obscured Galaxies with Excess Blue Light. <i>Astrophysical Journal</i> , 2020, 897, 112.	4.5	16
42	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
43	A Broadband Look at the Old and New ULXs of NGC 6946. <i>Astrophysical Journal</i> , 2019, 881, 38.	4.5	15
44	Searching for the Donor Stars of ULX Pulsars. <i>Astrophysical Journal</i> , 2019, 871, 231.	4.5	15
45	The (Re)appearance of NGC 925 ULX-3, a New Transient ULX. <i>Astrophysical Journal</i> , 2020, 891, 153.	4.5	15
46	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
47	The Ultraluminous X-Ray Sources Population of the Galaxy NGC 7456. <i>Astrophysical Journal</i> , 2020, 890, 166.	4.5	13
48	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
49	Chandra Observations of Candidate Subparsec Binary Supermassive Black Holes. <i>Astrophysical Journal</i> , 2020, 900, 148.	4.5	13
50	Spectral Evolution of the Ultraluminous X-Ray Sources M82 X-1 and X-2. <i>Astrophysical Journal</i> , 2020, 889, 71.	4.5	11
51	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
52	A Comprehensive X-Ray Report on AT2019wey. <i>Astrophysical Journal</i> , 2021, 920, 121.	4.5	8
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	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
57	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