

# Adam Ingram

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

2,930  
citations

159585

30  
h-index

175258

52  
g-index

65  
all docs

65  
docs citations

65  
times ranked

1732  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase-resolved spectroscopy of a quasi-periodic oscillation in the black hole X-ray binary GRS 1915+105 with <i>NICER</i> and <i>NuSTAR</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 255-279.	4.4	28
2	Eclipse mapping of EXO 0748-676: evidence for a massive neutron star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 4736-4756.	4.4	8
3	The <i>NICER</i> Reverberation Machine: A Systematic Study of Time Lags in Black Hole X-Ray Binaries. <i>Astrophysical Journal</i> , 2022, 930, 18.	4.5	28
4	X-ray eclipse mapping constrains the binary inclination and mass ratio of <i>Swift</i> J1858.6+0814. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 1908-1920.	4.4	6
5	The effect of returning radiation on relativistic reflection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 3965-3983.	4.4	19
6	Disc tearing and Bardeen-Petterson alignment in GRMHD simulations of highly tilted thin accretion discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 983-990.	4.4	53
7	A self-lensing binary massive black hole interpretation of quasi-periodic eruptions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 1703-1716.	4.4	38
8	Disk, Corona, Jet Connection in the Intermediate State of MAXI J1820+070 Revealed by <i>NICER</i> Spectral-timing Analysis. <i>Astrophysical Journal Letters</i> , 2021, 910, L3.	8.3	57
9	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. <i>Astrophysical Journal Letters</i> , 2021, 910, L14.	8.3	67
10	The high energy Universe at ultra-high resolution: the power and promise of X-ray interferometry. <i>Experimental Astronomy</i> , 2021, 51, 1081-1107.	3.7	14
11	Modeling the Multiwavelength Variability of Mrk 335 Using Gaussian Processes. <i>Astrophysical Journal</i> , 2021, 914, 144.	4.5	12
12	Towards Precision Measurements of Accreting Black Holes Using X-Ray Reflection Spectroscopy. <i>Space Science Reviews</i> , 2021, 217, 1.	8.1	59
13	Modelling correlated variability in accreting black holes: the effect of high density and variable ionization on reverberation lags. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 55-73.	4.4	18
14	Predicting the self-lensing population in optical surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 374-384.	4.4	10
15	General relativistic MHD simulations of non-thermal flaring in Sagittarius A*. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5281-5302.	4.4	30
16	On measuring the Hubble constant with X-ray reverberation mapping of active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 619-633.	4.4	3
17	X-ray reverberation lags from the 1.5 Seyfert galaxy NGC 5273. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 1135-1141.	4.4	9
18	Exploring the radial disc ionization profile of the black hole X-ray binary GRS 1915+105. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 405-412.	4.4	18

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19	Observational signatures of disc and jet misalignment in images of accreting black holes. Monthly Notices of the Royal Astronomical Society, 2020, 499, 362-378.	4.4	42
20	Multi-timescale reverberation mapping of Mrk 335. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4971-4982.	4.4	20
21	X-Ray Quasi-periodic Oscillations in the Lense-Thirring Precession Model. II. Variability of the Relativistic Iron K $\alpha$ Line. Astrophysical Journal, 2020, 897, 27.	4.5	14
22	A public relativistic transfer function model for X-ray reverberation mapping of accreting black holes. Monthly Notices of the Royal Astronomical Society, 2019, 488, 324-347.	4.4	66
23	An X-ray reverberation mass measurement of Cygnus X-1. Monthly Notices of the Royal Astronomical Society, 2019, 488, 348-361.	4.4	30
24	The Lense-Thirring timing-accretion plane for ULXs. Monthly Notices of the Royal Astronomical Society, 2019, 489, 282-296.	4.4	26
25	Timing properties of ULX pulsars: optically thick envelopes and outflows. Monthly Notices of the Royal Astronomical Society, 2019, 484, 687-697.	4.4	48
26	Broad-band aperiodic variability in X-ray pulsars: accretion rate fluctuations propagating under the influence of viscous diffusion. Monthly Notices of the Royal Astronomical Society, 2019, 486, 4061-4074.	4.4	17
27	Bardeen-Petterson alignment, jets, and magnetic truncation in GRMHD simulations of tilted thin accretion discs. Monthly Notices of the Royal Astronomical Society, 2019, 487, 550-561.	4.4	86
28	A systematic study of the phase difference between QPO harmonics in black hole X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2019, 485, 3834-3844.	4.4	18
29	A review of quasi-periodic oscillations from black hole X-ray binaries: Observation and theory. New Astronomy Reviews, 2019, 85, 101524.	12.8	143
30	Accretion in strong field gravity with eXTP. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	27
31	Formation of precessing jets by tilted black hole discs in 3D general relativistic MHD simulations. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 474, L81-L85.	3.3	206
32	Lense-Thirring precession in ULXs as a possible means to constrain the neutron star equation of state. Monthly Notices of the Royal Astronomical Society, 2018, 475, 154-166.	4.4	40
33	Propagating mass accretion rate fluctuations in X-ray binaries under the influence of viscous diffusion. Monthly Notices of the Royal Astronomical Society, 2018, 474, 2259-2276.	4.4	29
34	Multi-time-scale X-ray reverberation mapping of accreting black holes. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4027-4042.	4.4	36
35	DETECTION OF VERY LOW-FREQUENCY, QUASI-PERIODIC OSCILLATIONS IN THE 2015 OUTBURST OF V404 CYGNI. Astrophysical Journal, 2017, 834, 90.	4.5	18
36	Tomographic reflection modelling of quasi-periodic oscillations in the black hole binary H 1743+322. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2979-2991.	4.4	66

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37	Paving the way to simultaneous multi-wavelength astronomy. <i>New Astronomy Reviews</i> , 2017, 79, 26-48.	12.8	11
38	Inclination dependence of QPO phase lags in black hole X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 2643-2659.	4.4	79
39	Modelling hard and soft states of Cygnus X-1 with propagating mass accretion rate fluctuations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 3821-3832.	4.4	29
40	An observational method for fast stochastic X-ray polarimetry timing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 4206-4217.	4.4	12
41	Cross-spectral modelling of the black hole X-ray binary XTE J1550-564: challenges to the propagating fluctuations paradigm. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 2011-2023.	4.4	19
42	Testing propagating mass accretion rate fluctuations model PROPFLUC on black hole X-ray binaries. <i>Astronomische Nachrichten</i> , 2016, 337, 524-528.	1.2	1
43	Probing the origin of quasi-periodic oscillations: the short-time-scale evolution of phase lags in GRS 1915+105. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 3655-3666.	4.4	35
44	Modelling the cross-spectral variability of the black hole binary MAXI J1659-152 with propagating accretion rate fluctuations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 4078-4093.	4.4	30
45	A quasi-periodic modulation of the iron line centroid energy in the black hole binary H1743+322. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 1967-1980.	4.4	137
46	X-ray polarimetry with the Polarization Spectroscopic Telescope Array (PoSTAR). <i>Astroparticle Physics</i> , 2016, 75, 8-28.	4.3	42
47	POLARIZATION MODULATION FROM LENSE-THIRRING PRECESSION IN X-RAY BINARIES. <i>Astrophysical Journal</i> , 2015, 807, 53.	4.5	36
48	Phase-resolved spectroscopy of low-frequency quasi-periodic oscillations in GRS 1915+105. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 3516-3525.	4.4	56
49	Doppler disc tomography applied to low-mass AGN spin. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 1312-1320.	4.4	11
50	Evolution of the hot flow of MAXI J1543-564. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 2882-2893.	4.4	19
51	Solutions to the relativistic precession model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 2065-2070.	4.4	34
52	An exact analytic treatment of propagating mass accretion rate fluctuations in X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 1476-1485.	4.4	113
53	A UNIFIED LENSE-THIRRING PRECESSION MODEL FOR OPTICAL AND X-RAY QUASI-PERIODIC OSCILLATIONS IN BLACK HOLE BINARIES. <i>Astrophysical Journal</i> , 2013, 778, 165.	4.5	57
54	The effect of frame dragging on the iron $K\alpha$ line in X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 934-947.	4.4	39

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55	LOW-FREQUENCY QUASI-PERIODIC OSCILLATION FROM THE 11 Hz ACCRETING PULSAR IN TERZAN 5: NOT FRAME DRAGGING. <i>Astrophysical Journal Letters</i> , 2012, 759, L20.	8.3	29
56	LOFT: the Large Observatory For X-ray Timing. <i>Proceedings of SPIE</i> , 2012, , .	0.8	29
57	Modelling variability in black hole binaries: linking simulations to observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 2369-2378.	4.4	94
58	A physical model for the continuum variability and quasi-periodic oscillation in accreting black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 2323-2335.	4.4	166
59	A physical interpretation of the variability power spectral components in accreting neutron stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	4.4	34
60	Low-frequency quasi-periodic oscillations spectra and Lenseâ€“Thirring precession. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009, 397, L101-L105.	3.3	334
61	Optically thick envelopes around ULXs powered by accreting neutron stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stx141.	4.4	49
62	Error formulae for the energy-dependent cross-spectrum. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	20
63	A polarized view of the hot and violent universe. <i>Experimental Astronomy</i> , 0, , 1.	3.7	6