

Adam Ingram

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4938860/publications.pdf>

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	Low-frequency quasi-periodic oscillations spectra and Lense-Thirring precession. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 397, L101-L105.	3.3	334
2	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
3	A physical model for the continuum variability and quasi-periodic oscillation in accreting black holes. Monthly Notices of the Royal Astronomical Society, 2011, 415, 2323-2335.	4.4	166
4	A review of quasi-periodic oscillations from black hole X-ray binaries: Observation and theory. New Astronomy Reviews, 2019, 85, 101524.	12.8	143
5	A quasi-periodic modulation of the iron line centroid energy in the black hole binary H1743 α 322. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1967-1980.	4.4	137
6	An exact analytic treatment of propagating mass accretion rate fluctuations in X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2013, 434, 1476-1485.	4.4	113
7	Modelling variability in black hole binaries: linking simulations to observations. Monthly Notices of the Royal Astronomical Society, 2012, 419, 2369-2378.	4.4	94
8	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
9	Inclination dependence of QPO phase lags in black hole X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2643-2659.	4.4	79
10	Polarimetric Properties of Event Horizon Telescope Targets from ALMA. Astrophysical Journal Letters, 2021, 910, L14.	8.3	67
11	Tomographic reflection modelling of quasi-periodic oscillations in the black hole binary H 1743 α 322. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2979-2991.	4.4	66
12	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
13	Towards Precision Measurements of Accreting Black Holes Using X-Ray Reflection Spectroscopy. Space Science Reviews, 2021, 217, 1.	8.1	59
14	A UNIFIED LENSE-THIRRING PRECESSION MODEL FOR OPTICAL AND X-RAY QUASI-PERIODIC OSCILLATIONS IN BLACK HOLE BINARIES. Astrophysical Journal, 2013, 778, 165.	4.5	57
15	Disk, Corona, Jet Connection in the Intermediate State of MAXI J1820+070 Revealed by NICER Spectral-timing Analysis. Astrophysical Journal Letters, 2021, 910, L3.	8.3	57
16	Phase-resolved spectroscopy of low-frequency quasi-periodic oscillations in GRS 1915+105. Monthly Notices of the Royal Astronomical Society, 2015, 446, 3516-3525.	4.4	56
17	Disc tearing and Bardeen-Petterson alignment in GRMHD simulations of highly tilted thin accretion discs. Monthly Notices of the Royal Astronomical Society, 2021, 507, 983-990.	4.4	53
18	Optically thick envelopes around ULXs powered by accreting neutron stars. Monthly Notices of the Royal Astronomical Society, 0, , stx141.	4.4	49

#	ARTICLE	IF	CITATIONS
19	Timing properties of ULX pulsars: optically thick envelopes and outflows. Monthly Notices of the Royal Astronomical Society, 2019, 484, 687-697.	4.4	48
20	X-ray polarimetry with the Polarization Spectroscopic Telescope Array (PoSTAR). Astroparticle Physics, 2016, 75, 8-28.	4.3	42
21	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
22	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
23	The effect of frame dragging on the iron $K\alpha$ line in X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2012, 427, 934-947.	4.4	39
24	A self-lensing binary massive black hole interpretation of quasi-periodic eruptions. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1703-1716.	4.4	38
25	POLARIZATION MODULATION FROM LENSE-THIRRING PRECESSION IN X-RAY BINARIES. Astrophysical Journal, 2015, 807, 53.	4.5	36
26	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
27	Probing the origin of quasi-periodic oscillations: the short-time-scale evolution of phase lags in GRS 1915+105. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3655-3666.	4.4	35
28	A physical interpretation of the variability power spectral components in accreting neutron stars. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	34
29	Solutions to the relativistic precession model. Monthly Notices of the Royal Astronomical Society, 2014, 444, 2065-2070.	4.4	34
30	Modelling the cross-spectral variability of the black hole binary MAXI J1659-152 with propagating accretion rate fluctuations. Monthly Notices of the Royal Astronomical Society, 2016, 462, 4078-4093.	4.4	30
31	An X-ray reverberation mass measurement of Cygnus X-1. Monthly Notices of the Royal Astronomical Society, 2019, 488, 348-361.	4.4	30
32	General relativistic MHD simulations of non-thermal flaring in Sagittarius A*. Monthly Notices of the Royal Astronomical Society, 2021, 507, 5281-5302.	4.4	30
33	LOW-FREQUENCY QUASI-PERIODIC OSCILLATION FROM THE 11 Hz ACCRETING PULSAR IN TERZAN 5: NOT FRAME DRAGGING. Astrophysical Journal Letters, 2012, 759, L20.	8.3	29
34	LOFT: the Large Observatory For X-ray Timing. Proceedings of SPIE, 2012, , .	0.8	29
35	Modelling hard and soft states of Cygnus X-1 with propagating mass accretion rate fluctuations. Monthly Notices of the Royal Astronomical Society, 2017, 472, 3821-3832.	4.4	29
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Accretion in strong field gravity with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	27
40	The Lense–Thirring timing-accretion plane for ULXs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 282-296.	4.4	26
41	Error formulae for the energy-dependent cross-spectrum. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	20
42	Multi-timescale reverberation mapping of Mrk 335. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 4971-4982.	4.4	20
43	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
44	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
45	The effect of returning radiation on relativistic reflection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 3965-3983.	4.4	19
46	DETECTION OF VERY LOW-FREQUENCY, QUASI-PERIODIC OSCILLATIONS IN THE 2015 OUTBURST OF V404 CYGNI. <i>Astrophysical Journal</i> , 2017, 834, 90.	4.5	18
47	A systematic study of the phase difference between QPO harmonics in black hole X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 3834-3844.	4.4	18
48	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
49	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
50	Broad-band aperiodic variability in X-ray pulsars: accretion rate fluctuations propagating under the influence of viscous diffusion. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4061-4074.	4.4	17
51	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
52	X-Ray Quasi-periodic Oscillations in the Lense–Thirring Precession Model. II. Variability of the Relativistic Iron $K\alpha$ Line. <i>Astrophysical Journal</i> , 2020, 897, 27.	4.5	14
53	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
54	Modeling the Multiwavelength Variability of Mrk 335 Using Gaussian Processes. <i>Astrophysical Journal</i> , 2021, 914, 144.	4.5	12

#	ARTICLE	IF	CITATIONS
55	Doppler disc tomography applied to low-mass AGN spin. Monthly Notices of the Royal Astronomical Society, 2015, 446, 1312-1320.	4.4	11
56	Paving the way to simultaneous multi-wavelength astronomy. New Astronomy Reviews, 2017, 79, 26-48.	12.8	11
57	Predicting the self-lensing population in optical surveys. Monthly Notices of the Royal Astronomical Society, 2021, 507, 374-384.	4.4	10
58	X-ray reverberation lags from the 1.5 Seyfert galaxy NGC 5273. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1135-1141.	4.4	9
59	Eclipse mapping of EXO 0748+676: evidence for a massive neutron star. Monthly Notices of the Royal Astronomical Society, 2022, 510, 4736-4756.	4.4	8
60	A polarized view of the hot and violent universe. Experimental Astronomy, 0, , 1.	3.7	6
61	X-ray eclipse mapping constrains the binary inclination and mass ratio of <i>Swift</i> J1858.6+0814. Monthly Notices of the Royal Astronomical Society, 2022, 514, 1908-1920.	4.4	6
62	On measuring the Hubble constant with X-ray reverberation mapping of active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2021, 509, 619-633.	4.4	3
63	Testing propagating mass accretion rate fluctuations model PROPFLUC on black hole X-ray binaries. Astronomische Nachrichten, 2016, 337, 524-528.	1.2	1