

# James Aird

## List of Publications by Year in descending order

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72  
papers

5,056  
citations

71061

41  
h-index

88593

70  
g-index

72  
all docs

72  
docs citations

72  
times ranked

3686  
citing authors

#	ARTICLE	IF	CITATIONS
1	PRIMUS: CONSTRAINTS ON STAR FORMATION QUENCHING AND GALAXY MERGING, AND THE EVOLUTION OF THE STELLAR MASS FUNCTION FROM $z = 0-1$ . <i>Astrophysical Journal</i> , 2013, 767, 50.	1.6	442
2	THE MOSFIRE DEEP EVOLUTION FIELD (MOSDEF) SURVEY: REST-FRAME OPTICAL SPECTROSCOPY FOR $\sim 1500$ $z \sim 1.37-3.8$ SELECTED GALAXIES AT $z \sim 1.37-3.8$ . <i>Astrophysical Journal, Supplement Series</i> , 2015, 218, 15.	3.0	312
3	The evolution of the hard X-ray luminosity function of AGN. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 401, 2531-2551.	1.6	300
4	The evolution of the X-ray luminosity functions of unabsorbed and absorbed AGNs out to $z \sim 5$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 1892-1927.	1.6	265
5	THE PRISM MULTI-OBJECT SURVEY (PRIMUS). I. SURVEY OVERVIEW AND CHARACTERISTICS. <i>Astrophysical Journal</i> , 2011, 741, 8.	1.6	247
6	PRIMUS: THE DEPENDENCE OF AGN ACCRETION ON HOST STELLAR MASS AND COLOR. <i>Astrophysical Journal</i> , 2012, 746, 90.	1.6	232
7	OBSCURATION-DEPENDENT EVOLUTION OF ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2015, 802, 89.	1.6	214
8	THE PRISM MULTI-OBJECT SURVEY (PRIMUS). II. DATA REDUCTION AND REDSHIFT FITTING. <i>Astrophysical Journal</i> , 2013, 767, 118.	1.6	141
9	A new method for determining the sensitivity of X-ray imaging observations and the X-ray number counts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 388, 1205-1213.	1.6	128
10	ARE COMPTON-THICK AGNs THE MISSING LINK BETWEEN MERGERS AND BLACK HOLE GROWTH?. <i>Astrophysical Journal</i> , 2015, 814, 104.	1.6	125
11	X-rays across the galaxy population II. The distribution of AGN accretion rates as a function of stellar mass and redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 1225-1249.	1.6	113
12	THE MOSDEF SURVEY: OPTICAL ACTIVE GALACTIC NUCLEUS DIAGNOSTICS AT $z \sim 2.3$ . <i>Astrophysical Journal</i> , 2015, 801, 35.	1.6	111
13	ALMA and <i>Herschel</i> reveal that X-ray-selected AGN and main-sequence galaxies have different star formation rate distributions. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 453, L83-L87.	1.2	92
14	OUTFLOWING GALACTIC WINDS IN POST-STARBURST AND ACTIVE GALACTIC NUCLEUS HOST GALAXIES AT $z < 0.8$ . <i>Astrophysical Journal</i> , 2011, 743, 46.	1.6	89
15	Compton thick active galactic nuclei in Chandra surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 1999-2017.	1.6	84
16	X-rays across the galaxy population I. Tracing the main sequence of star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 3390-3415.	1.6	83
17	PRIMUS: THE RELATIONSHIP BETWEEN STAR FORMATION AND AGN ACCRETION. <i>Astrophysical Journal</i> , 2015, 806, 187.	1.6	81
18	X-rays across the galaxy population III. The incidence of AGN as a function of star formation rate. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 4360-4378.	1.6	81

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19	THE MOSDEF SURVEY: AGN MULTI-WAVELENGTH IDENTIFICATION, SELECTION BIASES, AND HOST GALAXY PROPERTIES. <i>Astrophysical Journal</i> , 2017, 835, 27.	1.6	79
20	AEGIS: DEMOGRAPHICS OF X-RAY AND OPTICALLY SELECTED ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2011, 728, 38.	1.6	78
21	The X-ray luminosity function of active galactic nuclei in the redshift interval $z=3-5$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 1946-1964.	1.6	74
22	THE <i>NuSTAR</i> EXTRAGALACTIC SURVEY: A FIRST SENSITIVE LOOK AT THE HIGH-ENERGY COSMIC X-RAY BACKGROUND POPULATION. <i>Astrophysical Journal</i> , 2013, 773, 125.	1.6	73
23	PRIMUS: INFRARED AND X-RAY AGN SELECTION TECHNIQUES AT $0.2 < z < 1.2$ . <i>Astrophysical Journal</i> , 2013, 770, 40.	1.6	72
24	The mean star formation rates of unobscured QSOs: searching for evidence of suppressed or enhanced star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2221-2240.	1.6	71
25	THE <i>NuSTAR</i> EXTRAGALACTIC SURVEYS: THE NUMBER COUNTS OF ACTIVE GALACTIC NUCLEI AND THE RESOLVED FRACTION OF THE COSMIC X-RAY BACKGROUND. <i>Astrophysical Journal</i> , 2016, 831, 185.	1.6	63
26	<i>NuSTAR</i> REVEALS EXTREME ABSORPTION IN $z < 0.5$ TYPE 2 QUASARS. <i>Astrophysical Journal</i> , 2015, 809, 115.	1.6	62
27	Observational constraints on the specific accretion-rate distribution of X-ray-selected AGNs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 1976-2001.	1.6	59
28	<i>NuSTAR</i> OBSERVATIONS OF HEAVILY OBSCURED QUASARS AT $z \gtrsim 0.5$ . <i>Astrophysical Journal</i> , 2014, 785, 17.	1.6	58
29	THE <i>NuSTAR</i> EXTRAGALACTIC SURVEYS: OVERVIEW AND CATALOG FROM THE COSMOS FIELD. <i>Astrophysical Journal</i> , 2015, 808, 185.	1.6	56
30	X-UDS: The <i>Chandra</i> Legacy Survey of the UKIDSS Ultra Deep Survey Field. <i>Astrophysical Journal</i> , Supplement Series, 2018, 236, 48.	3.0	55
31	Excess AGN activity in the $z = 2.30$ Protocluster in HS 1700+64. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 407, 846-853.	1.6	54
32	PRIMUS + DEEP2: CLUSTERING OF X-RAY, RADIO, AND IR-AGNs AT $z \sim 0.7$ . <i>Astrophysical Journal</i> , 2016, 821, 55. 1.6	1.6	54
33	A selection effect boosting the contribution from rapidly spinning black holes to the cosmic X-ray background. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 2012-2023.	1.6	54
34	PRIMUS: GALAXY CLUSTERING AS A FUNCTION OF LUMINOSITY AND COLOR AT $0.2 < z < 1$ . <i>Astrophysical Journal</i> , 2014, 784, 128.	1.6	52
35	THE <i>NuSTAR</i> EXTRAGALACTIC SURVEY: FIRST DIRECT MEASUREMENTS OF THE $\sim 30$ keV X-RAY LUMINOSITY FUNCTION FOR ACTIVE GALACTIC NUCLEI AT $z > 0.1$ . <i>Astrophysical Journal</i> , 2015, 815, 66.	1.6	50
36	The MOSDEF Survey: A Census of AGN-driven Ionized Outflows at $z = 1.4 - 3.8$ . <i>Astrophysical Journal</i> , 2019, 886, 11.	1.6	50

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37	The NuSTAR Serendipitous Survey: The 40-month Catalog and the Properties of the Distant High-energy X-Ray Source Population. <i>Astrophysical Journal</i> , 2017, 836, 99.	1.6	49
38	X-ray detected AGN in SDSS dwarf galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 2268-2284.	1.6	49
39	PRIMUS: AN OBSERVATIONALLY MOTIVATED MODEL TO CONNECT THE EVOLUTION OF THE ACTIVE GALACTIC NUCLEUS AND GALAXY POPULATIONS OUT TO $z \sim 1$ . <i>Astrophysical Journal</i> , 2013, 775, 41.	1.6	46
40	The NuSTAR Serendipitous Survey: Hunting for the Most Extreme Obscured AGN at $>10$ keV. <i>Astrophysical Journal</i> , 2017, 846, 20.	1.6	46
41	A wide search for obscured active galactic nuclei using XMM-Newton and WISE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 494-512.	1.6	44
42	The MOSDEF Survey: The Prevalence and Properties of Galaxy-wide AGN-driven Outflows at $z \sim 2$ . <i>Astrophysical Journal</i> , 2017, 849, 48.	1.6	38
43	THE NuSTAR EXTRAGALACTIC SURVEYS: INITIAL RESULTS AND CATALOG FROM THE EXTENDED CHANDRA DEEP FIELD SOUTH. <i>Astrophysical Journal</i> , 2015, 808, 184.	1.6	35
44	The $5-10$ keV AGN luminosity function at $0.01 < z < 4.0$ . <i>Astronomy and Astrophysics</i> , 2016, 587, A142.	2.1	35
45	SUZAKU VIEW OF THE SWIFT/BAT ACTIVE GALACTIC NUCLEI. III. APPLICATION OF NUMERICAL TORUS MODELS TO TWO NEARLY COMPTON THICK ACTIVE GALACTIC NUCLEI (NGC 612 AND NGC 3081). <i>Astrophysical Journal</i> , 2011, 729, 31.	1.6	33
46	The NuSTAR Extragalactic Surveys: X-Ray Spectroscopic Analysis of the Bright Hard-band Selected Sample. <i>Astrophysical Journal</i> , 2018, 854, 33.	1.6	33
47	Investigating evidence for different black hole accretion modes since redshift $z \sim 1$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 339-352.	1.6	31
48	The MOSDEF Survey: The Metallicity Dependence of X-Ray Binary Populations at $z \sim 2$ . <i>Astrophysical Journal</i> , 2019, 885, 65.	1.6	28
49	Supermassive black holes in cosmological simulations II: the AGN population and predictions for upcoming X-ray missions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 3015-3042.	1.6	27
50	The X-ray luminosity function of AGN at $z \sim 3$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 387, 883-896.	1.6	26
51	The MOSDEF Survey: First Measurement of Nebular Oxygen Abundance at $z > 4$ . <i>Astrophysical Journal Letters</i> , 2017, 846, L30.	3.0	23
52	The MOSDEF Survey: The Nature of Mid-infrared Excess Galaxies and a Comparison of IR and UV Star Formation Tracers at $z \sim 2$ . <i>Astrophysical Journal</i> , 2018, 866, 63.	1.6	21
53	The Chandra Deep Wide-field Survey: A New Chandra Legacy Survey in the Boötes Field. I. X-Ray Point Source Catalog, Number Counts, and Multiwavelength Counterparts. <i>Astrophysical Journal, Supplement Series</i> , 2020, 251, 2.	3.0	21
54	Exploring the halo occupation of AGN using dark-matter cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 275-295.	1.6	20

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55	The NuSTAR Extragalactic Survey: Average Broadband X-Ray Spectral Properties of the NuSTAR-detected AGNs. <i>Astrophysical Journal</i> , 2017, 849, 57.	1.6	18
56	The Evolving AGN Duty Cycle in Galaxies Since $z \approx 1/4$ as Encoded in the X-Ray Luminosity Function. <i>Astrophysical Journal</i> , 2020, 892, 17.	1.6	18
57	PRIMUS: OBSCURED STAR FORMATION ON THE RED SEQUENCE. <i>Astrophysical Journal</i> , 2011, 726, 110.	1.6	17
58	The connection between star formation and supermassive black hole activity in the local Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 2619-2637.	1.6	16
59	The XMM-SERVS Survey: XMM-Newton Point-source Catalogs for the W-CDF-S and ELAIS-S1 Fields. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 21.	3.0	16
60	Higher prevalence of X-ray selected AGN in intermediate-age galaxies up to $z \approx 1$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 443, 3538-3549.	1.6	15
61	The Galaxy's Gas Content Regulated by the Dark Matter Halo Mass Results in a Superlinear $M_{\text{BH}} \propto M_{\text{halo}}^{\dagger}$ Relation. <i>Astrophysical Journal Letters</i> , 2019, 885, L36.	3.0	14
62	The incidence of X-ray selected AGN in nearby galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 4556-4572.	1.6	14
63	Evidence for a mass-dependent AGN Eddington ratio distribution via the flat relationship between SFR and AGN luminosity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 436-450.	1.6	13
64	Deep ugrizY imaging and DEEP2/3 spectroscopy: a photometric redshift testbed for LSST and public release of data from the DEEP3 Galaxy Redshift Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 4565-4584.	1.6	12
65	The AGN-galaxy-halo connection: the distribution of AGN host halo masses to $\langle i \rangle / \langle j \rangle = 2.5$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 5962-5980.	1.6	12
66	Local AGN survey (LASr): I. Galaxy sample, infrared colour selection, and predictions for AGN within 100 Mpc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 1784-1816.	1.6	11
67	Galactic Sources Detected in the NuSTAR Serendipitous Survey. <i>Astrophysical Journal, Supplement Series</i> , 2017, 230, 25.	3.0	7
68	X-ray Surface Brightness Profiles of Active Galactic Nuclei in the Extended Groth Strip: Implications for AGN Feedback. <i>Publications of the Astronomical Society of the Pacific</i> , 2015, 127, 716-725.	1.0	6
69	Athena Wide Field Imager key science drivers. , 2016, , .		5
70	Chandra Observations of NuSTAR Serendipitous Sources near the Galactic Plane. <i>Astrophysical Journal</i> , 2018, 869, 171.	1.6	2
71	X-RAY EMISSION IN NON-AGN GALAXIES AT $z < 1$ . <i>Astrophysical Journal</i> , 2015, 806, 136.	1.6	1
72	A wide search of obscured Active Galactic Nuclei using XMM-Newton and WISE. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 245-246.	0.0	0