

Jordan Collier

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,562
citations

394286

19
h-index

315616

38
g-index

52
all docs

52
docs citations

52
times ranked

2284
citing authors

#	ARTICLE	IF	CITATIONS
1	The dispersionâ€“brightness relation for fast radio bursts from a wide-field survey. <i>Nature</i> , 2018, 562, 386-390.	13.7	223
2	The Detection of an Extremely Bright Fast Radio Burst in a Phased Array Feed Survey. <i>Astrophysical Journal Letters</i> , 2017, 841, L12.	3.0	133
3	Australian square kilometre array pathfinder: I. system description. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	1.3	128
4	The Rapid ASKAP Continuum Survey I: Design and first results. <i>Publications of the Astronomical Society of Australia</i> , 2020, 37, .	1.3	127
5	A survey of the cold molecular gas in gravitationally lensed star-forming galaxies at $z > 2$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 4406-4420.	1.6	118
6	The Evolutionary Map of the Universe pilot survey. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	1.3	64
7	The infrared-radio correlation of star-forming galaxies is strongly $M_{\text{IR}}^{\text{radio}}$ -dependent but nearly redshift-invariant since $z \lesssim 4$. <i>Astronomy and Astrophysics</i> , 2021, 647, A123.	2.1	54
8	SUB-KILOPARSEC IMAGING OF COOL MOLECULAR GAS IN TWO STRONGLY LENSED DUSTY, STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2015, 811, 124.	1.6	53
9	MIGHTEE: total intensity radio continuum imaging and the COSMOS/XMM-LSS Early Science fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 2150-2168.	1.6	39
10	THE SPECTRAL VARIABILITY OF THE GHZ-PEAKED SPECTRUM RADIO SOURCE PKS 1718-649 AND A COMPARISON OF ABSORPTION MODELS. <i>Astronomical Journal</i> , 2015, 149, 74.	1.9	36
11	Cold gas outflows from the Small Magellanic Cloud traced with ASKAP. <i>Nature Astronomy</i> , 2018, 2, 901-906.	4.2	34
12	Infrared-faint radio sources: a new population of high-redshift radio galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 545-565.	1.6	30
13	WALLABY Early Science â€“ II. The NGC 7232 galaxy group. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 5248-5262.	1.6	30
14	Unexpected circular radio objects at high Galactic latitude. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	1.3	29
15	WALLABY early science â€“ V. ASKAP H&O imaging of the Lyon Group of Galaxies 351. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 5723-5741.	1.6	24
16	MIGHTEE: are giant radio galaxies more common than we thought?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 3833-3845.	1.6	24
17	The EMU view of the Large Magellanic Cloud: troubles for sub-TeV WIMPs. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 046.	1.9	24
18	WALLABY early science â€“ I. The NGC 7162 galaxy group. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3591-3608.	1.6	22

#	ARTICLE	IF	CITATIONS
19	A multifrequency radio continuum study of the Magellanic Clouds – I. Overall structure and star formation rates. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2743-2756.	1.6	21
20	The ASKAP EMU Early Science Project: radio continuum survey of the Small Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1202-1219.	1.6	21
21	MIGHTEE-H<scp>i</scp>: the baryonic Tully“Fisher relation over the last billion years. Monthly Notices of the Royal Astronomical Society, 2021, 508, 1195-1205.	1.6	21
22	A pilot survey for transients and variables with the Australian Square Kilometre Array Pathfinder. Monthly Notices of the Royal Astronomical Society, 2018, 478, 1784-1794.	1.6	20
23	Remnant radio galaxies discovered in a multi-frequency survey. Publications of the Astronomical Society of Australia, 2021, 38, .	1.3	20
24	The ASKAP-EMU Early Science Project: 888–MHz radio continuum survey of the Large Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3540-3559.	1.6	19
25	Multi-frequency study of supernova remnants in the Large Magellanic Cloud. Astronomy and Astrophysics, 2012, 540, A25.	2.1	19
26	MeerKAT uncovers the physics of an odd radio circle. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1300-1316.	1.6	19
27	The performance and calibration of the CRAFT fly“s eye fast radio burst survey. Publications of the Astronomical Society of Australia, 2019, 36, .	1.3	18
28	Radio spectral properties of star-forming galaxies in the MIGHTEE-COSMOS field and their impact on the far-infrared-radio correlation. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2643-2658.	1.6	18
29	MULTI-FREQUENCY OBSERVATIONS OF A SUPERBUBBLE IN THE LMC: THE CASE OF LHA 120-N 70. Astronomical Journal, 2014, 147, 162.	1.9	15
30	Mysterious odd radio circle near the large magellanic cloud – an intergalactic supernova remnant?. Monthly Notices of the Royal Astronomical Society, 2022, 512, 265-284.	1.6	14
31	The relation between the diffuse X-ray luminosity and the radio power of the central AGN in galaxy groups. Monthly Notices of the Royal Astronomical Society, 2020, 497, 2163-2174.	1.6	13
32	PKS 2250“351: A giant radio galaxy in Abell 3936. Publications of the Astronomical Society of Australia, 2020, 37, .	1.3	13
33	A Morphological Study of the Supernova Remnant Rx J0852.0“4622 (Vela Jr.). Astrophysical Journal, 2018, 866, 76.	1.6	12
34	Evolutionary map of the Universe (EMU): Compact radio sources in the <scp>scorpio</scp> field towards the galactic plane. Monthly Notices of the Royal Astronomical Society, 2021, 502, 60-79.	1.6	11
35	High-resolution Observations of Low-luminosity Gigahertz-Peaked Spectrum and Compact Steep Spectrum Sources. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	10
36	ASKAP commissioning observations of the GAMA 23 field. Publications of the Astronomical Society of Australia, 2019, 36, .	1.3	10

#	ARTICLE	IF	CITATIONS
37	Radio confirmation of Galactic supernova remnant G308.3 \hat{a} 1.4. Monthly Notices of the Royal Astronomical Society, 2013, 428, 1980-1985.	1.6	7
38	The Extraordinary Linear Polarisation Structure of the Southern Centaurus A Lobe Revealed by ASKAP. Galaxies, 2018, 6, 127.	1.1	7
39	A first glimpse at the Galactic plane with the ASKAP: the SCORPIO field. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2232-2246.	1.6	7
40	Active galactic nuclei cores in infrared-faint radio sources. Astronomy and Astrophysics, 2015, 578, A67.	2.1	6
41	The redshift distribution of infrared-faint radio sources. Monthly Notices of the Royal Astronomical Society, 2019, 484, 1021-1030.	1.6	6
42	H α intensity mapping with the MIGHTEE survey: power spectrum estimates. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2039-2050.	1.6	6
43	MIGHTEE-H α : the H α size-mass relation over the last billion years. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2697-2706.	1.6	6
44	An evolutionary sequence of young radio galaxies. Astronomische Nachrichten, 2016, 337, 36-41.	0.6	5
45	Multiwavelength view of SPT-CL J2106-5844. Astronomy and Astrophysics, 2021, 650, A153.	2.1	5
46	Radio continuum sources behind the Large Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2885-2904.	1.6	5
47	Radio-continuum study of the nearby Sculptor group Galaxies. Part 2: NGC 55 at λ =20, 13, 6 and 3 cm. Astrophysics and Space Science, 2013, 347, 159-168.	0.5	4
48	A Multi-Frequency Study of the Milky Way-Like Spiral Galaxy NGC 6744. Publications of the Astronomical Society of Australia, 2018, 35, .	1.3	4
49	MIGHTEE-HI: discovery of an H α -rich galaxy group at $z=0.044$ with MeerKAT. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2753-2765.	1.6	4
50	Radio planetary nebulae in the Small Magellanic Cloud. Astrophysics and Space Science, 2016, 361, 1.	0.5	2
51	Looking at the Distant Universe with the MeerKAT Array: Discovery of a Luminous OH Megamaser at $z > 0.5$. Astrophysical Journal Letters, 2022, 931, L7.	3.0	2
52	High-resolution observations of low-luminosity peaked spectrum sources. Astronomische Nachrichten, 2021, 342, 1077-1081.	0.6	0