

J R Allison

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7389603/publications.pdf>

Version: 2024-02-01

60
papers

2,793
citations

293460

24
h-index

198040

52
g-index

61
all docs

61
docs citations

61
times ranked

3937
citing authors

#	ARTICLE	IF	CITATIONS
1	GASKAP-HI pilot survey science I: ASKAP zoom observations of HI emission in the Small Magellanic Cloud. Publications of the Astronomical Society of Australia, 2022, 39, .	1.3	15
2	The First Large Absorption Survey in H I (FLASH): I. Science goals and survey design. Publications of the Astronomical Society of Australia, 2022, 39, .	1.3	15
3	Observations of cold extragalactic gas clouds at $z \approx 0.45$ towards PKS 1610-771. Monthly Notices of the Royal Astronomical Society, 2022, 512, 3638-3650.	1.6	2
4	Australian square kilometre array pathfinder: I. system description. Publications of the Astronomical Society of Australia, 2021, 38, .	1.3	128
5	A statistical measurement of the HI spin temperature in DLAs at cosmological distances. Monthly Notices of the Royal Astronomical Society, 2021, 503, 985-996.	1.6	9
6	COALAS. Astronomy and Astrophysics, 2021, 652, A11.	2.1	16
7	Measuring the baryonic Tully-Fisher relation below the detection threshold. Monthly Notices of the Royal Astronomical Society, 2021, 508, 1897-1907.	1.6	3
8	Measuring the distance to the black hole candidate X-ray binary MAXI J1348-630 using HI absorption. Monthly Notices of the Royal Astronomical Society: Letters, 2021, 501, L60-L64.	1.2	29
9	HI absorption at $z \approx 0.7$ against the lobe of the powerful radio galaxy PKS 0409-75. Monthly Notices of the Royal Astronomical Society, 2021, 509, 1690-1702.	1.6	6
10	The distribution and properties of DLAs at $z \approx 2$ in the EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4396-4419.	1.6	7
11	Tracing X-ray and HI absorption in peaked spectrum sources. Astronomische Nachrichten, 2021, 342, 1097-1101.	0.6	1
12	FLASH early science - discovery of an intervening HI 21-cm absorber from an ASKAP survey of the GAMA23 field. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3627-3641.	1.6	28
13	A pilot search for extragalactic OH absorption with FAST. Monthly Notices of the Royal Astronomical Society, 2020, 499, 3085-3093.	1.6	7
14	The Rapid ASKAP Continuum Survey I: Design and first results. Publications of the Astronomical Society of Australia, 2020, 37, .	1.3	127
15	A successful search for intervening 21-cm HI absorption in galaxies at $0.4 < z < 1.0$ with the Australian square kilometre array pathfinder (ASKAP). Monthly Notices of the Royal Astronomical Society, 2020, 499, 4293-4311.	1.6	18
16	Radio observations of supernova remnant G1.9+0.3. Monthly Notices of the Royal Astronomical Society, 2020, 492, 2606-2621.	1.6	14
17	An HI absorption distance to the black hole candidate X-ray binary MAXI J1535-571. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 488, L129-L133.	1.2	26
18	WALLABY Early Science - II. The NGC 7232 galaxy group. Monthly Notices of the Royal Astronomical Society, 2019, 487, 5248-5262.	1.6	30

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19	ASKAP commissioning observations of the GAMA 23 field. Publications of the Astronomical Society of Australia, 2019, 36, .	1.3	10
20	WALLABY early science â€“ III. An H&#i study of the spiral galaxy NGC 1566. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2797-2817.	1.6	33
21	An ASKAP survey for H&#i absorption towards dust-obscured quasars. Monthly Notices of the Royal Astronomical Society, 2019, 489, 4926-4943.	1.6	17
22	ALMACAL â€“ VI. Molecular gas mass density across cosmic time via a blind search for intervening molecular absorbers. Monthly Notices of the Royal Astronomical Society, 2019, 490, 1220-1230.	1.6	23
23	Ionization of the atomic gas in redshifted radio sources. Monthly Notices of the Royal Astronomical Society, 2019, 484, 1182-1191.	1.6	18
24	WALLABY early science â€“ I. The NGC᯺ galaxy group. Monthly Notices of the Royal Astronomical Society, 2019, 482, 3591-3608.	1.6	22
25	The performance and calibration of the CRAFT fly&#TM's eye fast radio burst survey. Publications of the Astronomical Society of Australia, 2019, 36, .	1.3	18
26	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
27	The dispersion&#brightness relation for fast radio bursts from a wide-field survey. Nature, 2018, 562, 386-390.	13.7	223
28	An ALMA view of star formation efficiency suppression in early-type galaxies after gas-rich minor mergers. Monthly Notices of the Royal Astronomical Society, 2018, 476, 122-132.	1.6	28
29	Giant galaxy growing from recycled gas: ALMA maps the circumgalactic molecular medium of the Spiderweb in [<scp>C&#i</scp>]. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 477, L60-L65.</scp>	1.2	50
30	Illuminating gravitational waves: A concordant picture of photons from a neutron star merger. Science, 2017, 358, 1559-1565.	6.0	559
31	A radio counterpart to a neutron star merger. Science, 2017, 358, 1579-1583.	6.0	390
32	Connecting X-ray absorption and 21&#cm neutral hydrogen absorption in obscured radio AGN. Monthly Notices of the Royal Astronomical Society, 2017, 471, 2952-2973.	1.6	24
33	Further observational evidence for a critical ionizing luminosity in active galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4600-4607.	1.6	8
34	Atomic and molecular absorption in redshifted radio sources. Monthly Notices of the Royal Astronomical Society, 2017, 467, 4514-4525.	1.6	13
35	Follow Up of GW170817 and Its Electromagnetic Counterpart by Australian-Led Observing Programmes. Publications of the Astronomical Society of Australia, 2017, 34, .	1.3	142
36	Illuminating the past 8&#billion years of cold gas towards two gravitationally lensed quasars. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4450-4467.	1.6	31

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37	Molecular gas in the halo fuels the growth of a massive cluster galaxy at high redshift. <i>Science</i> , 2016, 354, 1128-1130.	6.0	67
38	The Australian Square Kilometre Array Pathfinder: Performance of the Boolardy Engineering Test Array. <i>Publications of the Astronomical Society of Australia</i> , 2016, 33, .	1.3	75
39	Using 21-cm absorption surveys to measure the average H I spin temperature in distant galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 1341-1350.	1.6	17
40	A comparative study of intervening and associated H I 21-cm absorption profiles in redshifted galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 4197-4207.	1.6	24
41	A pilot ASKAP survey of radio transient events in the region around the intermittent pulsar PSR J1107-5907. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 3948-3960.	1.6	23
42	H I emission and absorption in nearby, gas-rich galaxies – II. Sample completion and detection of intervening absorption in NGC 5156. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 2613-2641.	1.6	23
43	A correlation between the H I 21-cm absorption strength and impact parameter in external galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 4136-4143.	1.6	20
44	A search for H I and OH absorption in $z < 3$ CO emitters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 3666-3677.	1.6	14
45	Wide-field broad-band radio imaging with phased array feeds: a pilot multi-epoch continuum survey with ASKAP-BETA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 4160-4178.	1.6	26
46	Molecular and atomic gas in dust lane early-type galaxies – I. Low star formation efficiencies in minor merger remnants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 3503-3516.	1.6	56
47	Discovery of H I gas in a young radio galaxy at $z = 0.44$ using the Australian Square Kilometre Array Pathfinder. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 1249-1267.	1.6	61
48	ASKAP H I imaging of the galaxy group IC 1459. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 2680-2691.	1.6	54
49	H I emission and absorption in nearby, gas-rich galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 926-942.	1.6	18
50	A search for H I absorption in nearby radio galaxies using HIPASS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 696-718.	1.6	56
51	Broad, weak 21-cm absorption in an early-type galaxy: spectral line finding and parametrization for future surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 157-162.	1.6	10
52	On the H I column density – radio source size anticorrelation in compact radio sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 3408-3413.	1.6	33
53	A search for intervening HI absorption. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 162-162.	0.0	0
54	Probing the cool ISM in galaxies via 21 cm H I absorption. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 188-188.	0.0	0

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55	Application of a Bayesian Method to Absorption Spectral-Line Finding in Simulated ASKAP Data. Publications of the Astronomical Society of Australia, 2012, 29, 221-228.	1.3	26
56	A search for $21\text{cm H}\alpha$ absorption in AT20G compact radio galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 423, 2601-2616.	1.6	45
57	Hi absorption in nearby compact radio galaxies. Monthly Notices of the Royal Astronomical Society, 0, , stx214.	1.6	14
58	PKS $\hat{B}1740\mathbf{-}517$: An ALMA view of the cold gas feeding a distant interacting young radio galaxy. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	11
59	Measuring the $\text{H}\hat{\text{I}}$ mass function below the detection threshold. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	8
60	The gaseous natal environments of GPS and CSS sources with ASKAP " FLASH. Astronomische Nachrichten, 0, , .	0.6	0