

Rajeshwari Dutta

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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23
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496
citing authors

#	ARTICLE	IF	CITATIONS
1	MALS SALT-NOT Survey of MIR-selected Powerful Radio-bright AGN at $0 < z < 3.5$. <i>Astrophysical Journal</i> , 2022, 929, 108.	1.6	4
2	Host galaxies of ultrastrong Mg $\lambda 7890$ absorbers at $z \sim 0.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 3836-3857.	1.6	4
3	Constraining the Size of the Circumgalactic Medium Using the Transverse Autocorrelation Function of C iv Absorbers in Paired Quasar Spectra. <i>Astronomical Journal</i> , 2022, 164, 51.	1.9	2
4	Blind H i and OH Absorption Line Search: First Results with MALS and uGMRT Processed Using ARTIP. <i>Astrophysical Journal</i> , 2021, 907, 11.	1.6	20
5	MUSE analysis of gas around galaxies (MAGG) III. The gas and galaxy environment of $z = 3-4.5$ quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 3044-3064.	1.6	40
6	PKS 1830-211: OH and H α at $z = 0.89$ and the first MeerKAT UHF spectrum. <i>Astronomy and Astrophysics</i> , 2021, 648, A116.	2.1	12
7	Evolution of Cold Gas at $z < 5$: A Blind Search for H i and OH Absorption Lines toward Mid-infrared Color-selected Radio-loud AGN. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 28.	3.0	11
8	Metal-enriched halo gas across galaxy overdensities over the last 10 billion years. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 4573-4599.	1.6	30
9	ALMACAL VII: first interferometric number counts at 650 μ m. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 2332-2341.	1.6	2
10	uGMRT search for cold gas at $z \sim 1.4$ towards red quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 838-847.	1.6	8
11	MUSE Analysis of Gas around Galaxies (MAGG) II: metal-enriched halo gas around $z \sim 1$ galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5022-5046.	1.6	47
12	Prevalence of neutral gas in centres of merging galaxies II: nuclear H α and multiwavelength properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 1099-1109.	1.6	18
13	Cold neutral hydrogen gas in galaxies. <i>Journal of Astrophysics and Astronomy</i> , 2019, 40, 1.	0.4	5
14	ALMACAL VI. Molecular gas mass density across cosmic time via a blind search for intervening molecular absorbers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 1220-1230.	1.6	23
15	Prevalence of neutral gas in centres of merging galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 947-964.	1.6	20
16	Multicomponent H $_2$ in DLA at $z_{\text{abs}} = 2.05$: physical conditions through observations and numerical models.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2083-2114.	1.6	14
17	H α 21-cm absorption from $z \sim 0.35$ strong Mg ii absorbers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 1029-1037.	1.6	11
18	H α 21-cm absorption survey of quasar-galaxy pairs: distribution of cold gas around $z < 0.4$ galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 588-618.	1.6	24

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19	Incidence of H α 21-cm absorption in strong Fe α systems at 0.5 z 1.5. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4249-4264.	1.6	18
20	Composite circumstellar dust grains. Monthly Notices of the Royal Astronomical Society, 2016, 462, 867-875.	1.6	5
21	Mapping kiloparsec-scale structures in the extended H α disc of the galaxy UGC 000439 by H α 21-cm absorption. Monthly Notices of the Royal Astronomical Society, 2016, 456, 4209-4218.	1.6	21
22	Cold parsec-scale gas in a zabs ~ 0.1 sub-damped Lyman λ with disparate H 2 and 21-cm absorption.... Monthly Notices of the Royal Astronomical Society, 2015, 448, 3718-3730.	1.6	12
23	A study of low-metallicity DLAs at high redshift and C ii* as a probe of their physical conditions.... Monthly Notices of the Royal Astronomical Society, 2014, 440, 307-326.	1.6	33