Rajeshwari Dutta

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5313108/publications.pdf

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		758635	794141
23	384	12	19
papers	citations	h-index	g-index

23	23	23	496
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MUSE Analysis of Gas around Galaxies (MAGG) â€“ II: metal-enriched halo gas around zÂî¼ 1 galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5022-5046.	1.6	47
2	MUSE analysis of gas around galaxies (MAGG) â€“ III. The gas and galaxy environment of z = 3â€“4.5 quasars. Monthly Notices of the Royal Astronomical Society, 2021, 503, 3044-3064.	1.6	40
3	A study of low-metallicity DLAs at high redshift and C ii* as a probe of their physical conditionsâ˜.... Monthly Notices of the Royal Astronomical Society, 2014, 440, 307-326.	1.6	33
4	Metal-enriched halo gas across galaxy overdensities over the last 10 billion years. Monthly Notices of the Royal Astronomical Society, 2021, 508, 4573-4599.	1.6	30
5	HÂi 21-cm absorption survey of quasar-galaxy pairs: distribution of cold gas aroundzÂ<Â0.4 galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 465, 588-618.	1.6	24
6	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
7	Mapping kiloparsec-scale structures in the extended Hâ€‰i disc of the galaxy UGC 000439 by Hâ€‰i 21-cm absorption. Monthly Notices of the Royal Astronomical Society, 2016, 456, 4209-4218.	1.6	21
8	Prevalence of neutral gas in centres of merging galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 480, 947-964.	1.6	20
9	Blind H i and OH Absorption Line Search: First Results with MALS and uGMRT Processed Using ARTIP. Astrophysical Journal, 2021, 907, 11.	1.6	20
10	Incidence of Hâ€‰i 21-cm absorption in strong Feâ€‰ii systems at 0.5 <<i>z</i>< 1.5. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4249-4264.	1.6	18
11	Prevalence of neutral gas in centres of merging galaxiesâ˜II: nuclear Hâ€‰i and multiwavelength properties. Monthly Notices of the Royal Astronomical Society, 2019, 489, 1099-1109.	1.6	18
12	Multicomponent H2 in DLA at zabsÂ= 2.05: physical conditions through observations and numerical modelsâ˜.... Monthly Notices of the Royal Astronomical Society, 2018, 481, 2083-2114.	1.6	14
13	Cold parsec-scale gas in a zabs âî¼ 0.1 sub-damped Lyman Î± with disparate H2 and 21-cm absorptionâ˜.... Monthly Notices of the Royal Astronomical Society, 2015, 448, 3718-3730.	1.6	12
14	PKS 1830â€“211: OH and Hâ€I at z = 0.89 and the first MeerKAT UHF spectrum. Astronomy and Astrophysics, 2021, 648, A116.	2.1	12
15	Hâ€‰i 21-cm absorption from zÂâî¼Â0.35 strong Mgâ€‰ii absorbers. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1029-1037.	1.6	11
16	Evolution of Cold Gas at 2 < z < 5: A Blind Search for H i and OH Absorption Lines toward Mid-infrared Color-selected Radio-loud AGN. Astrophysical Journal, Supplement Series, 2021, 255, 28.	3.0	11
17	uGMRT search for cold gas at z âî¼ 1â€“1.4 towards red quasars. Monthly Notices of the Royal Astronomical Society, 2020, 491, 838-847.	1.6	8
18	Composite circumstellar dust grains. Monthly Notices of the Royal Astronomical Society, 2016, 462, 867-875.	1.6	5

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19	Cold neutral hydrogen gas in galaxies. Journal of Astrophysics and Astronomy, 2019, 40, 1.	0.4	5
20	MALS SALT-NOT Survey of MIR-selected Powerful Radio-bright AGN at 0 < z < 3.5. Astrophysical Journal, 2022, 929, 108.	1.6	4
21	Host galaxies of ultrastrong Mg <scp>ii</scp> absorbers at z â¼ 0.5. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3836-3857.	1.6	4
22	ALMACAL VII: first interferometric number counts at 650 Î¼m. Monthly Notices of the Royal Astronomical Society, 2020, 495, 2332-2341.	1.6	2
23	Constraining the Size of the Circumgalactic Medium Using the Transverse Autocorrelation Function of C iv Absorbers in Paired Quasar Spectra. Astronomical Journal, 2022, 164, 51.	1.9	2