

# Jacqueline Hodge

## List of Publications by Year in descending order

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92  
papers

7,883  
citations

34105

52  
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48315

88  
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93  
all docs

93  
docs citations

93  
times ranked

4317  
citing authors

#	ARTICLE	IF	CITATIONS
1	COLDz: Probing Cosmic Star Formation With Radio Free-Free Emission. <i>Astrophysical Journal</i> , 2022, 924, 76.	4.5	7
2	Characterization of Two 2 mm detected Optically Obscured Dusty Star-forming Galaxies. <i>Astrophysical Journal</i> , 2022, 925, 23.	4.5	27
3	Probing star formation and ISM properties using galaxy disk inclination. <i>Astronomy and Astrophysics</i> , 2022, 662, A26.	5.1	6
4	Significant Dust-obscured Star Formation in Luminous Lyman-break Galaxies at $z \sim 7$ . <i>Astrophysical Journal</i> , 2022, 928, 31.	4.5	37
5	ALMA Reveals a Large Overdensity and Strong Clustering of Galaxies in Quasar Environments at $z \sim 4$ . <i>Astrophysical Journal</i> , 2022, 927, 65.	4.5	13
6	Spectroscopic confirmation of a gravitationally lensed Lyman-break galaxy at $z = 6.827$ using NOEMA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 535-543.	4.4	4
7	Kiloparsec-scale Imaging of the CO(1-0)-traced Cold Molecular Gas Reservoir in a $z \sim 3.4$ Submillimeter Galaxy. <i>Astrophysical Journal</i> , 2022, 930, 35.	4.5	4
8	An Ultradeep Multiband VLA Survey of the Faint Radio Sky (COSMOS-XS): Source Catalog and Number Counts. <i>Astrophysical Journal</i> , 2021, 907, 5.	4.5	22
9	An ALMA survey of the S2CLS UDS field: optically invisible submillimetre galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 3426-3435.	4.4	38
10	The Evolution of the IR Luminosity Function and Dust-obscured Star Formation over the Past 13 Billion Years. <i>Astrophysical Journal</i> , 2021, 909, 165.	4.5	87
11	Ultrafaint [C ii] Emission in a Redshift = 2 Gravitationally Lensed Metal-poor Dwarf Galaxy. <i>Astrophysical Journal</i> , 2021, 909, 130.	4.5	4
12	COLDz: Deep 34 GHz Continuum Observations and Free-Free Emission in High-redshift Star-forming Galaxies. <i>Astrophysical Journal</i> , 2021, 912, 73.	4.5	10
13	Measurements of the Dust Properties in $z \sim 3$ Submillimeter Galaxies with ALMA. <i>Astrophysical Journal</i> , 2021, 919, 30.	4.5	20
14	An ALMA/NOEMA survey of the molecular gas properties of high-redshift star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 3926-3950.	4.4	42
15	Full of Orions: a 200-pc mapping of the interstellar medium in the redshift-3 lensed dusty star-forming galaxy SDP.81. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5542-5567.	4.4	24
16	An ALMA survey of the SCUBA-2 CLS UDS field: physical properties of 707 sub-millimetre galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 3828-3860.	4.4	155
17	COLDz: A High Space Density of Massive Dusty Starburst Galaxies $\sim 1$ Billion Years after the Big Bang. <i>Astrophysical Journal</i> , 2020, 895, 81.	4.5	50
18	VLA-ALMA Spectroscopic Survey in the Hubble Ultra Deep Field (VLASPECS): Total Cold Gas Masses and CO Line Ratios for $z \sim 3$ Main-sequence Galaxies. <i>Astrophysical Journal Letters</i> , 2020, 896, L21.	8.3	47

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19	High-redshift star formation in the Atacama large millimetre/submillimetre array era. Royal Society Open Science, 2020, 7, 200556.	2.4	116
20	A Comparison of the Stellar, CO, and Dust-continuum Emission from Three Star-forming HUDF Galaxies at $z \sim 1.4$ . Astrophysical Journal, 2020, 899, 37.	4.5	32
21	The ALMA Spectroscopic Survey in the Hubble Ultra Deep Field: Multiband Constraints on Line-luminosity Functions and the Cosmic Density of Molecular Gas. Astrophysical Journal, 2020, 902, 110.	4.5	62
22	A Multiwavelength Analysis of the Faint Radio Sky (COSMOS-XS): the Nature of the Ultra-faint Radio Population. Astrophysical Journal, 2020, 903, 139.	4.5	28
23	An ALMA Survey of the SCUBA-2 Cosmology Legacy Survey UKIDSS/UDS Field: The Far-infrared/Radio Correlation for High-redshift Dusty Star-forming Galaxies. Astrophysical Journal, 2020, 903, 138.	4.5	15
24	The Evolution of the Baryons Associated with Galaxies Averaged over Cosmic Time and Space. Astrophysical Journal, 2020, 902, 111.	4.5	73
25	The Clustering of Submillimeter Galaxies Detected with ALMA. Astrophysical Journal, 2020, 904, 2.	4.5	14
26	First Detection of the [O i] 63 $\mu$ m Emission from a Redshift 6 Dusty Galaxy. Astrophysical Journal Letters, 2020, 889, L11.	8.3	11
27	An ALMA survey of the SCUBA-2 Cosmology Legacy Survey UKIDSS/UDS field: source catalogue and properties. Monthly Notices of the Royal Astronomical Society, 2019, 487, 4648-4668.	4.4	77
28	Revealing the Stellar Mass and Dust Distributions of Submillimeter Galaxies at Redshift 2. Astrophysical Journal, 2019, 879, 54.	4.5	56
29	The Atacama Large Millimeter/submillimeter Array Spectroscopic Survey in the Hubble Ultra Deep Field: CO Emission Lines and 3 mm Continuum Sources. Astrophysical Journal, 2019, 882, 139.	4.5	62
30	Strong Far-ultraviolet Fields Drive the [C ii]/Far-infrared Deficit in $z \sim 1.3$ Dusty, Star-forming Galaxies. Astrophysical Journal, 2019, 876, 112.	4.5	51
31	ALMA Reveals Potential Evidence for Spiral Arms, Bars, and Rings in High-redshift Submillimeter Galaxies. Astrophysical Journal, 2019, 876, 130.	4.5	97
32	COLDz: Shape of the CO Luminosity Function at High Redshift and the Cold Gas History of the Universe. Astrophysical Journal, 2019, 872, 7.	4.5	115
33	What drives the [CII]/FIR deficit in submillimeter galaxies?. Proceedings of the International Astronomical Union, 2019, 15, 293-294.	0.0	0
34	The ALMA Spectroscopic Survey in the Hubble Ultra Deep Field: Evolution of the Molecular Gas in CO-selected Galaxies. Astrophysical Journal, 2019, 882, 136.	4.5	59
35	The ALMA Spectroscopic Survey in the HUDF: CO Luminosity Functions and the Molecular Gas Content of Galaxies through Cosmic History. Astrophysical Journal, 2019, 882, 138.	4.5	114
36	The ALMA Spectroscopic Survey in the HUDF: Nature and Physical Properties of Gas-mass Selected Galaxies Using MUSE Spectroscopy. Astrophysical Journal, 2019, 882, 140.	4.5	42

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37	An Analysis of ALMA Deep Fields and the Perceived Dearth of High-z Galaxies. <i>Astrophysical Journal</i> , 2018, 862, 78.	4.5	49
38	Constraining the Volume Density of Dusty Star-forming Galaxies through the First 3 mm Number Counts from ALMA. <i>Astrophysical Journal</i> , 2018, 869, 71.	4.5	25
39	The Brightest Galaxies in the Dark Ages: Galaxies' Dust Continuum Emission during the Reionization Era. <i>Astrophysical Journal</i> , 2018, 862, 77.	4.5	92
40	An ALMA survey of CO in submillimetre galaxies: companions, triggering, and the environment in blended sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 3879-3891.	4.4	26
41	Resolving the ISM at the Peak of Cosmic Star Formation with ALMA: The Distribution of CO and Dust Continuum in $z \sim 2.5$ Submillimeter Galaxies. <i>Astrophysical Journal</i> , 2018, 863, 56.	4.5	92
42	The CO Luminosity Density at High-z (COLDz) Survey: A Sensitive, Large-area Blind Search for Low-J CO Emission from Cold Gas in the Early Universe with the Karl G. Jansky Very Large Array. <i>Astrophysical Journal</i> , 2018, 864, 49.	4.5	71
43	The Dust and [C ii] Morphologies of Redshift $\sim 4.5$ Sub-millimeter Galaxies at $\sim 200$ pc Resolution: The Absence of Large Clumps in the Interstellar Medium at High-redshift. <i>Astrophysical Journal</i> , 2018, 859, 12.	4.5	69
44	An ALMA Survey of Submillimeter Galaxies in the Extended Chandra Deep Field South: Spectroscopic Redshifts. <i>Astrophysical Journal</i> , 2017, 840, 78.	4.5	95
45	The Compact, $\sim 1$ kpc Host Galaxy of a Quasar at a Redshift of 7.1. <i>Astrophysical Journal</i> , 2017, 837, 146.	4.5	79
46	Dense Molecular Gas Tracers in the Outflow of the Starburst Galaxy NGC 253. <i>Astrophysical Journal</i> , 2017, 835, 265.	4.5	80
47	A Spatially Resolved Study of Cold Dust, Molecular Gas, H ii Regions, and Stars in the $z = 2.12$ Submillimeter Galaxy ALESS67.1. <i>Astrophysical Journal</i> , 2017, 846, 108.	4.5	71
48	Deep CO( $1 \rightarrow 0$ ) Observations of $z = 1.62$ Cluster Galaxies with Substantial Molecular Gas Reservoirs and Normal Star Formation Efficiencies. <i>Astrophysical Journal</i> , 2017, 849, 27.	4.5	58
49	THE ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: MOLECULAR GAS RESERVOIRS IN HIGH-REDSHIFT GALAXIES. <i>Astrophysical Journal</i> , 2016, 833, 70.	4.5	89
50	KILOPARSEC-SCALE DUST DISKS IN HIGH-REDSHIFT LUMINOUS SUBMILLIMETER GALAXIES. <i>Astrophysical Journal</i> , 2016, 833, 103.	4.5	212
51	Estimating sizes of faint, distant galaxies in the submillimetre regime. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 1192-1202.	4.4	14
52	THE ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: SEARCH FOR [ ] LINE AND DUST EMISSION IN $6 \leq z \leq 8$ GALAXIES. <i>Astrophysical Journal</i> , 2016, 833, 71.	4.5	83
53	THE ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: CONTINUUM NUMBER COUNTS, RESOLVED 1.2 mm EXTRAGALACTIC BACKGROUND, AND PROPERTIES OF THE FAINTEST DUSTY STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2016, 833, 68.	4.5	115
54	A TOTAL MOLECULAR GAS MASS CENSUS IN $z \sim 2 \leq z \leq 3$ STAR-FORMING GALAXIES: LOW-J CO EXCITATION PROBES OF GALAXIES' EVOLUTIONARY STATES. <i>Astrophysical Journal</i> , 2016, 827, 18.	4.5	62

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55	ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: CO LUMINOSITY FUNCTIONS AND THE EVOLUTION OF THE COSMIC DENSITY OF MOLECULAR GAS. <i>Astrophysical Journal</i> , 2016, 833, 69.	4.5	97
56	ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: THE INFRARED EXCESS OF UV-SELECTED $z \approx 10$ GALAXIES AS A FUNCTION OF UV-CONTINUUM SLOPE AND STELLAR MASS. <i>Astrophysical Journal</i> , 2016, 833, 72.	4.5	243
57	ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: SURVEY DESCRIPTION. <i>Astrophysical Journal</i> , 2016, 833, 67.	4.5	172
58	THE 2014 ALMA LONG BASELINE CAMPAIGN: AN OVERVIEW. <i>Astrophysical Journal Letters</i> , 2015, 808, L1.	8.3	90
59	THE 2014 ALMA LONG BASELINE CAMPAIGN: OBSERVATIONS OF THE STRONGLY LENSED SUBMILLIMETER GALAXY HATLAS J090311.6+003906 AT $z = 3.042$ . <i>Astrophysical Journal Letters</i> , 2015, 808, L4.	8.3	86
60	THE 2014 ALMA LONG BASELINE CAMPAIGN: OBSERVATIONS OF ASTEROID 3 JUNO AT 60 KILOMETER RESOLUTION. <i>Astrophysical Journal Letters</i> , 2015, 808, L2.	8.3	15
61	ALMA REVEALS THE MOLECULAR MEDIUM FUELING THE NEAREST NUCLEAR STARBURST. <i>Astrophysical Journal</i> , 2015, 801, 25.	4.5	157
62	THE 2014 ALMA LONG BASELINE CAMPAIGN: FIRST RESULTS FROM HIGH ANGULAR RESOLUTION OBSERVATIONS TOWARD THE HL TAU REGION. <i>Astrophysical Journal Letters</i> , 2015, 808, L3.	8.3	877
63	THE KILOPARSEC-SCALE STAR FORMATION LAW AT REDSHIFT 4: WIDESPREAD, HIGHLY EFFICIENT STAR FORMATION IN THE DUST-OBSCURED STARBURST GALAXY GN20. <i>Astrophysical Journal Letters</i> , 2015, 798, L18.	8.3	113
64	COLDz: KARL G. JANSKY VERY LARGE ARRAY DISCOVERY OF A GAS-RICH GALAXY IN COSMOS. <i>Astrophysical Journal</i> , 2015, 800, 67.	4.5	8
65	AN ALMA SURVEY OF SUB-MILLIMETER GALAXIES IN THE EXTENDED CHANDRA DEEP FIELD SOUTH: PHYSICAL PROPERTIES DERIVED FROM ULTRAVIOLET-TO-RADIO MODELING. <i>Astrophysical Journal</i> , 2015, 806, 110.	4.5	326
66	Enabling the next generation of cm-wavelength studies of high-redshift molecular gas with the SKA. , 2015, , .		2
67	ALLSMOG: an APEX Low-redshift Legacy Survey for MOlecular Gas â€” I. Molecular gas scaling relations, and the effect of the CO/H <sub>2</sub> conversion factor. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 2599-2620.	4.4	76
68	An ALMA survey of sub-millimetre Galaxies in the Extended Chandra Deep Field South: the far-infrared properties of SMGs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 1267-1287.	4.4	266
69	An ALMA survey of submillimetre galaxies in the Extended Chandra Deep Field South: radio properties and the far-infrared/radio correlation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 577-588.	4.4	46
70	CO(1â€”0) line imaging of massive star-forming disc galaxies at $z=1.5\text{--}2.2$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 558-564.	4.4	55
71	POLYCYCLIC AROMATIC HYDROCARBON AND MID-INFRARED CONTINUUM EMISSION IN A $z \approx 4$ SUBMILLIMETER GALAXY. <i>Astrophysical Journal</i> , 2014, 786, 31.	4.5	47
72	AN ALMA SURVEY OF SUBMILLIMETER GALAXIES IN THE EXTENDED CHANDRA DEEP FIELD SOUTH: THE REDSHIFT DISTRIBUTION AND EVOLUTION OF SUBMILLIMETER GALAXIES. <i>Astrophysical Journal</i> , 2014, 788, 125.	4.5	245

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73	AN ALMA SURVEY OF SUB-MILLIMETER GALAXIES IN THE EXTENDED CHANDRA DEEP FIELD SOUTH: SUB-MILLIMETER PROPERTIES OF COLOR-SELECTED GALAXIES. <i>Astrophysical Journal</i> , 2014, 780, 115.	4.5	15
74	Suppression of star formation in the galaxy NGC 253 by a starburst-driven molecular wind. <i>Nature</i> , 2013, 499, 450-453.	27.8	217
75	Physical conditions of the gas in an ALMA [C II]-identified submillimetre galaxy at $z = 4.44$ . <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 431, L88-L92.	3.3	9
76	AN ALMA SURVEY OF SUBMILLIMETER GALAXIES IN THE EXTENDED CHANDRA DEEP FIELD-SOUTH: THE AGN FRACTION AND X-RAY PROPERTIES OF SUBMILLIMETER GALAXIES. <i>Astrophysical Journal</i> , 2013, 778, 179.	4.5	90
77	AN ALMA SURVEY OF SUBMILLIMETER GALAXIES IN THE EXTENDED CHANDRA DEEP FIELD SOUTH: SOURCE CATALOG AND MULTIPLICITY. <i>Astrophysical Journal</i> , 2013, 768, 91.	4.5	256
78	HIGH-RESOLUTION SPECTROSCOPIC IMAGING OF CO IN A $z = 4.05$ PROTO-CLUSTER. <i>Astrophysical Journal</i> , 2013, 776, 22.	4.5	54
79	An ALMA survey of submillimetre galaxies in the Extended Chandra Deep Field South: high-resolution 870 $\mu\text{m}$ source counts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 2-9.	4.4	213
80	MILLIJANSKY RADIO VARIABILITY IN SDSS STRIPE 82. <i>Astrophysical Journal</i> , 2013, 769, 125.	4.5	17
81	The intense starburst HDF 850.1 in a galaxy overdensity at $z \approx 5.2$ in the Hubble Deep Field. <i>Nature</i> , 2012, 486, 233-236.	27.8	226
82	EVIDENCE FOR A CLUMPY, ROTATING GAS DISK IN A SUBMILLIMETER GALAXY AT $z = 4$ . <i>Astrophysical Journal</i> , 2012, 760, 11.	4.5	161
83	The Spitzer Extragalactic Representative Volume Survey (SERVS): Survey Definition and Goals*. <i>Publications of the Astronomical Society of the Pacific</i> , 2012, 124, 714-736.	3.1	135
84	Herschel-PACS observations of [O III] $\lambda 63 \mu\text{m}$ towards submillimetre galaxies at $z \approx 1.4$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 520-532.	4.4	29
85	EXTENDED COLD MOLECULAR GAS RESERVOIRS IN $z \approx 3.4$ SUBMILLIMETER GALAXIES. <i>Astrophysical Journal Letters</i> , 2011, 739, L31.	8.3	128
86	IMAGING THE MOLECULAR GAS PROPERTIES OF A MAJOR MERGER DRIVING THE EVOLUTION OF A $z = 2.5$ SUBMILLIMETER GALAXY. <i>Astrophysical Journal Letters</i> , 2011, 733, L11.	8.3	58
87	CO ( $J = 1 \rightarrow 0$ ) IN $z > 2$ QUASAR HOST GALAXIES: NO EVIDENCE FOR EXTENDED MOLECULAR GAS RESERVOIRS. <i>Astrophysical Journal Letters</i> , 2011, 739, L32.	8.3	82
88	HIGH-RESOLUTION VERY LARGE ARRAY IMAGING OF SLOAN DIGITAL SKY SURVEY STRIPE 82 AT 1.4 GHz. <i>Astronomical Journal</i> , 2011, 142, 3.	4.7	78
89	FAINT, EVOLVING RADIO ACTIVE GALACTIC NUCLEI IN SDSS LUMINOUS RED GALAXIES. <i>Astronomical Journal</i> , 2009, 138, 900-910.	4.7	15
90	THE FIRST-2MASS RED QUASAR SURVEY. II. AN ANOMALOUSLY HIGH FRACTION OF LoBALs IN SEARCHES FOR DUST-REDDENED QUASARS. <i>Astrophysical Journal</i> , 2009, 698, 1095-1109.	4.5	125

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91	RADIO DETECTION OF RADIO-QUIET GALAXIES. <i>Astronomical Journal</i> , 2008, 136, 1097-1109.	4.7	29
92	Star Formation in Low Radio Luminosity Active Galactic Nuclei from the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2007, 134, 457-465.	4.7	22