

Jacqueline Hodge

List of Publications by Year in descending order

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papers

7,883
citations

34105

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93
times ranked

4317
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	The intense starburst HDF850.1 in a galaxy overdensity at $z \approx 5.2$ in the Hubble Deep Field. <i>Nature</i> , 2012, 486, 233-236.	27.8	226
8	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
9	An ALMA survey of submillimetre galaxies in the Extended Chandra Deep Field South: high-resolution 870 μ m source counts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 2-9.	4.4	213
10	KILOPARSEC-SCALE DUST DISKS IN HIGH-REDSHIFT LUMINOUS SUBMILLIMETER GALAXIES. <i>Astrophysical Journal</i> , 2016, 833, 103.	4.5	212
11	ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: SURVEY DESCRIPTION. <i>Astrophysical Journal</i> , 2016, 833, 67.	4.5	172
12	EVIDENCE FOR A CLUMPY, ROTATING GAS DISK IN A SUBMILLIMETER GALAXY AT $z = 4$. <i>Astrophysical Journal</i> , 2012, 760, 11.	4.5	161
13	ALMA REVEALS THE MOLECULAR MEDIUM FUELING THE NEAREST NUCLEAR STARBURST. <i>Astrophysical Journal</i> , 2015, 801, 25.	4.5	157
14	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
15	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
16	EXTENDED COLD MOLECULAR GAS RESERVOIRS IN $z \approx 3.4$ SUBMILLIMETER GALAXIES. <i>Astrophysical Journal Letters</i> , 2011, 739, L31.	8.3	128
17	THE FIRST-2MASS RED QUASAR SURVEY. II. AN ANOMALOUSLY HIGH FRACTION OF L_{OBAL} s IN SEARCHES FOR DUST-REDDENED QUASARS. <i>Astrophysical Journal</i> , 2009, 698, 1095-1109.	4.5	125
18	High-redshift star formation in the Atacama large millimetre/submillimetre array era. <i>Royal Society Open Science</i> , 2020, 7, 200556.	2.4	116

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19	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
20	COLDz: Shape of the CO Luminosity Function at High Redshift and the Cold Gas History of the Universe. <i>Astrophysical Journal</i> , 2019, 872, 7.	4.5	115
21	The ALMA Spectroscopic Survey in the HUDF: CO Luminosity Functions and the Molecular Gas Content of Galaxies through Cosmic History. <i>Astrophysical Journal</i> , 2019, 882, 138.	4.5	114
22	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
23	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
24	ALMA Reveals Potential Evidence for Spiral Arms, Bars, and Rings in High-redshift Submillimeter Galaxies. <i>Astrophysical Journal</i> , 2019, 876, 130.	4.5	97
25	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
26	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
27	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
28	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
29	THE 2014 ALMA LONG BASELINE CAMPAIGN: AN OVERVIEW. <i>Astrophysical Journal Letters</i> , 2015, 808, L1.	8.3	90
30	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
31	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
32	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
33	THE ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: SEARCH FOR [] LINE AND DUST EMISSION IN $z \sim 2.5$ GALAXIES. <i>Astrophysical Journal</i> , 2016, 833, 71.	4.5	83
34	CO($J = 1 \rightarrow 0$) IN $z > 2$ > 2 QUASAR HOST GALAXIES: NO EVIDENCE FOR EXTENDED MOLECULAR GAS RESERVOIRS. <i>Astrophysical Journal Letters</i> , 2011, 739, L32.	8.3	82
35	Dense Molecular Gas Tracers in the Outflow of the Starburst Galaxy NGC 253. <i>Astrophysical Journal</i> , 2017, 835, 265.	4.5	80
36	The Compact, ~ 1 kpc Host Galaxy of a Quasar at a Redshift of 7.1. <i>Astrophysical Journal</i> , 2017, 837, 146.	4.5	79

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37	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
38	An ALMA survey of the SCUBA-2 Cosmology Legacy Survey UKIDSS/UDS field: source catalogue and properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 4648-4668.	4.4	77
39	ALLSMOG: an APEX Low-redshift Legacy Survey for MOlecular Gas – I. Molecular gas scaling relations, and the effect of the CO/H ₂ conversion factor. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 2599-2620.	4.4	76
40	The Evolution of the Baryons Associated with Galaxies Averaged over Cosmic Time and Space. <i>Astrophysical Journal</i> , 2020, 902, 111.	4.5	73
41	A Spatially Resolved Study of Cold Dust, Molecular Gas, H ii Regions, and Stars in the $z \approx 2.12$ Submillimeter Galaxy ALESS67.1. <i>Astrophysical Journal</i> , 2017, 846, 108.	4.5	71
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 ~ 4.5 Sub-millimeter Galaxies at ~ 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	A TOTAL MOLECULAR GAS MASS CENSUS IN $z \sim 2$ STAR-FORMING GALAXIES: LOW- J CO EXCITATION PROBES OF GALAXIES' EVOLUTIONARY STATES. <i>Astrophysical Journal</i> , 2016, 827, 18.	4.5	62
45	The Atacama Large Millimeter/submillimeter Array Spectroscopic Survey in the Hubble Ultra Deep Field: CO Emission Lines and 3 mm Continuum Sources. <i>Astrophysical Journal</i> , 2019, 882, 139.	4.5	62
46	The ALMA Spectroscopic Survey in the Hubble Ultra Deep Field: Multiband Constraints on Line-luminosity Functions and the Cosmic Density of Molecular Gas. <i>Astrophysical Journal</i> , 2020, 902, 110.	4.5	62
47	The ALMA Spectroscopic Survey in the Hubble Ultra Deep Field: Evolution of the Molecular Gas in CO-selected Galaxies. <i>Astrophysical Journal</i> , 2019, 882, 136.	4.5	59
48	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
49	Deep CO(1–0) Observations of $z \approx 1.62$ Cluster Galaxies with Substantial Molecular Gas Reservoirs and Normal Star Formation Efficiencies. <i>Astrophysical Journal</i> , 2017, 849, 27.	4.5	58
50	Revealing the Stellar Mass and Dust Distributions of Submillimeter Galaxies at Redshift 2. <i>Astrophysical Journal</i> , 2019, 879, 54.	4.5	56
51	CO(1–0) line imaging of massive star-forming disc galaxies at $z = 1.5$ – 2.2 . <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 558-564.	4.4	55
52	HIGH-RESOLUTION SPECTROSCOPIC IMAGING OF CO IN A $z = 4.05$ PROTO-CLUSTER. <i>Astrophysical Journal</i> , 2013, 776, 22.	4.5	54
53	Strong Far-ultraviolet Fields Drive the [C ii]/Far-infrared Deficit in $z \sim 3$ Dusty, Star-forming Galaxies. <i>Astrophysical Journal</i> , 2019, 876, 112.	4.5	51
54	COLDz: A High Space Density of Massive Dusty Starburst Galaxies ~ 1 Billion Years after the Big Bang. <i>Astrophysical Journal</i> , 2020, 895, 81.	4.5	50

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55	An Analysis of ALMA Deep Fields and the Perceived Dearth of High-z Galaxies. <i>Astrophysical Journal</i> , 2018, 862, 78.	4.5	49
56	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
57	VLA “ALMA Spectroscopic Survey in the Hubble Ultra Deep Field (VLASPECS): Total Cold Gas Masses and CO Line Ratios for $z \approx 3$ Main-sequence Galaxies. <i>Astrophysical Journal Letters</i> , 2020, 896, L21.	8.3	47
58	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
59	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
60	The ALMA Spectroscopic Survey in the HUDF: Nature and Physical Properties of Gas-mass Selected Galaxies Using MUSE Spectroscopy. <i>Astrophysical Journal</i> , 2019, 882, 140.	4.5	42
61	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
62	Significant Dust-obscured Star Formation in Luminous Lyman-break Galaxies at $z \approx 7-8$. <i>Astrophysical Journal</i> , 2022, 928, 31.	4.5	37
63	A Comparison of the Stellar, CO, and Dust-continuum Emission from Three Star-forming HUDF Galaxies at $z \approx 1.5$. <i>Astrophysical Journal</i> , 2020, 899, 37.	4.5	32
64	RADIO DETECTION OF RADIO-QUIET GALAXIES. <i>Astronomical Journal</i> , 2008, 136, 1097-1109.	4.7	29
65	<i>Herschel</i> -PACS observations of $[O\ III]$ towards submillimetre galaxies at $z \approx 1.4$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 520-532.	4.4	29
66	A Multiwavelength Analysis of the Faint Radio Sky (COSMOS-XS): the Nature of the Ultra-faint Radio Population. <i>Astrophysical Journal</i> , 2020, 903, 139.	4.5	28
67	Characterization of Two 2 mm detected Optically Obscured Dusty Star-forming Galaxies. <i>Astrophysical Journal</i> , 2022, 925, 23.	4.5	27
68	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
69	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
70	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
71	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
72	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

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73	Measurements of the Dust Properties in $z \sim 3$ Submillimeter Galaxies with ALMA. <i>Astrophysical Journal</i> , 2021, 919, 30.	4.5	20
74	MILLIJANSKY RADIO VARIABILITY IN SDSS STRIPE 82. <i>Astrophysical Journal</i> , 2013, 769, 125.	4.5	17
75	FAINT, EVOLVING RADIO ACTIVE GALACTIC NUCLEI IN SDSS LUMINOUS RED GALAXIES. <i>Astronomical Journal</i> , 2009, 138, 900-910.	4.7	15
76	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
77	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
78	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. <i>Astrophysical Journal</i> , 2020, 903, 138.	4.5	15
79	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
80	The Clustering of Submillimeter Galaxies Detected with ALMA. <i>Astrophysical Journal</i> , 2020, 904, 2.	4.5	14
81	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
82	First Detection of the [O i] 63 μ m Emission from a Redshift 6 Dusty Galaxy. <i>Astrophysical Journal Letters</i> , 2020, 889, L11.	8.3	11
83	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
84	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
85	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
86	COLDz: Probing Cosmic Star Formation With Radio Free-Free Emission. <i>Astrophysical Journal</i> , 2022, 924, 76.	4.5	7
87	Probing star formation and ISM properties using galaxy disk inclination. <i>Astronomy and Astrophysics</i> , 2022, 662, A26.	5.1	6
88	Ultrafaint [C ii] Emission in a Redshift = 2 Gravitationally Lensed Metal-poor Dwarf Galaxy. <i>Astrophysical Journal</i> , 2021, 909, 130.	4.5	4
89	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
90	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

#	ARTICLE	IF	CITATIONS
91	Enabling the next generation of cm-wavelength studies of high-redshift molecular gas with the SKA. , 2015, , .		2
92	What drives the [CII]/FIR deficit in submillimeter galaxies?. Proceedings of the International Astronomical Union, 2019, 15, 293-294.	0.0	0