

Jorge Gonzalez

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,240
citations

430874

18
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

1011
citing authors

#	ARTICLE	IF	CITATIONS
1	ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: SURVEY DESCRIPTION. <i>Astrophysical Journal</i> , 2016, 833, 67.	4.5	172
2	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
3	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
4	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
5	The Evolution of the Baryons Associated with Galaxies Averaged over Cosmic Time and Space. <i>Astrophysical Journal</i> , 2020, 902, 111.	4.5	73
6	The ALMA Spectroscopic Survey in the HUDF: the Molecular Gas Content of Galaxies and Tensions with IllustrisTNG and the Santa Cruz SAM. <i>Astrophysical Journal</i> , 2019, 882, 137.	4.5	65
7	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
8	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
9	The ALMA Spectroscopic Survey in the Hubble Ultra Deep Field: CO Excitation and Atomic Carbon in Star-forming Galaxies at $z \sim 3$. <i>Astrophysical Journal</i> , 2020, 902, 109.	4.5	62
10	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
11	The ALMA Spectroscopic Survey in the HUDF: Deep 1.2 mm Continuum Number Counts. <i>Astrophysical Journal</i> , 2020, 897, 91.	4.5	49
12	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
13	The ALMA Spectroscopic Survey in the Hubble Ultra Deep Field: The Nature of the Faintest Dusty Star-forming Galaxies. <i>Astrophysical Journal</i> , 2020, 901, 79.	4.5	45
14	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
15	The ALMA Spectroscopic Survey in the HUDF: The Cosmic Dust and Gas Mass Densities in Galaxies up to $z \sim 4$. <i>Astrophysical Journal</i> , 2020, 892, 66.	4.5	41
16	LAGER Ly α Luminosity Function at $z \sim 7$: Implications for Reionization. <i>Astrophysical Journal</i> , 2022, 927, 36.	4.5	32
17	The ALMA Spectroscopic Survey in the HUDF: A Model to Explain Observed 1.1 and 0.85 mm Dust Continuum Number Counts. <i>Astrophysical Journal</i> , 2020, 891, 135.	4.5	25
18	ALMA Lensing Cluster Survey: ALMA-Herschel Joint Study of Lensed Dusty Star-forming Galaxies across $z \sim 0.5 - 6$. <i>Astrophysical Journal</i> , 2022, 932, 77.	4.5	18

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19	The ALMA Spectroscopic Survey in the HUDF: Constraining Cumulative CO Emission at $1 \leq z \leq 4$ with Power Spectrum Analysis of ASPECS LP Data from 84 to 115 GHz. <i>Astrophysical Journal</i> , 2019, 887, 37.	4.5	16
20	Neutral carbon and highly excited CO in a massive star-forming main sequence galaxy at $z = 2.2$. <i>Astronomy and Astrophysics</i> , 2019, 628, A104.	5.1	16
21	The ALMA Spectroscopic Survey in the HUDF: A Search for [C ii] Emitters at $6 \leq z \leq 8$. <i>Astrophysical Journal</i> , 2021, 912, 67.	4.5	13
22	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
23	The ALMA Spectroscopic Survey in the Hubble Ultra Deep Field: Constraining the Molecular Content at $\log(M_{\text{CO}}/M_{\text{SFR}}) \sim 1.5$ with CO Stacking of MUSE-detected $z \sim 1.5$ Galaxies. <i>Astrophysical Journal</i> , 2020, 902, 113.	4.5	11
24	Measuring the Average Molecular Gas Content of Star-forming Galaxies at $z = 3 \leq z \leq 4$. <i>Astrophysical Journal</i> , 2021, 916, 12.	4.5	10
25	ALMA Resolves the Molecular Gas in a Young Low-metallicity Starburst Galaxy at $z = 1.7$. <i>Astrophysical Journal Letters</i> , 2017, 846, L22.	8.3	7