Fabian Walter

List of Publications by Year
in descending order

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389 papers	45,889 citations	1238 110 h-index	2385 198 g-index
393 all docs	393 docs citations	393 times ranked	8284 citing authors

#	Article	IF	Citations
1	COLDz: Probing Cosmic Star Formation With Radio Freeâ€“Free Emission. Astrophysical Journal, 2022, 924, 76.	4.5	7
2	Co-evolution of massive black holes and their host galaxies at high redshift: discrepancies from six cosmological simulations and the key role of JWST. Monthly Notices of the Royal Astronomical Society, 2022, 511, 3751-3767.	4.4	27
3	Deep XMM-Newton Observations of an X-ray Weak Broad Absorption Line Quasar at z = 6.5. Astrophysical Journal Letters, 2022, 924, L25.	8.3	8
4	Molecular Gas Properties and CO-to-H₂ Conversion Factors in the Central Kiloparsec of NGC 3351. Astrophysical Journal, 2022, 925, 72.	4.5	20
5	Microwave background temperature at a redshift of 6.34 from H2O absorption. Nature, 2022, 602, 58-62.	27.8	21
6	ALMA 200 pc Imaging of a z âˆ¼ 7 Quasar Reveals a Compact, Disk-like Host Galaxy. Astrophysical Journal, 2022, 927, 21.	4.5	25
7	The radio spectral turnover of radio-loud quasars at z > 5. Astronomy and Astrophysics, 2022, 659, A159.	5.1	8
8	Molecular gas inzâˆ¼ 6 quasar host galaxies. Astronomy and Astrophysics, 2022, 662, A60.	5.1	20
9	Physical Constraints on the Extended Interstellar Medium of the z = 6.42 Quasar J1148+5251: [C ii]_{158 Î¼m}, [N ii]_{205 Î¼m}, and [O i]_{146 Î¼m} Observations. Astrophysical Journal, 2022, 927, 152.	4.5	26
10	Constraining Galaxy Overdensities around Three z âˆ¼ 6.5 Quasars with ALMA and MUSE. Astrophysical Journal, 2022, 927, 141.	4.5	16
11	Hydrogen reionization ends by z = 5.3: Lyman-Î± optical depth measured by the XQR-30 sample. Monthly Notices of the Royal Astronomical Society, 2022, 514, 55-76.	4.4	82
12	Chemical abundance of z ~ 6 quasar broad-line regions in the XQR-30 sample. Monthly Notices of the Royal Astronomical Society, 2022, 513, 1801-1819.	4.4	20
13	The Decoupled Kinematics of High-z QSO Host Galaxies and Their LyÎ± Halos. Astrophysical Journal, 2022, 929, 86.	4.5	6
14	Exploring the Radio Spectral Energy Distribution of the Ultraluminous Radio-quiet Quasar SDSS J0100+2802 at Redshift 6.3. Astrophysical Journal, 2022, 929, 69.	4.5	3
15	A dusty compact object bridging galaxies and quasars at cosmic dawn. Nature, 2022, 604, 261-265.	27.8	34
16	After The Fall: Resolving the Molecular Gas in Post-starburst Galaxies. Astrophysical Journal, 2022, 929, 154.	4.5	18
17	Spatially Resolved Molecular Interstellar Medium in a z = 6.6 Quasar Host Galaxy. Astrophysical Journal, 2022, 930, 27.	4.5	7
18	Kiloparsec-scale Imaging of the CO(1-0)-traced Cold Molecular Gas Reservoir in a z âˆ¼ 3.4 Submillimeter Galaxy. Astrophysical Journal, 2022, 930, 35.	4.5	4

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19	Looking at the Distant Universe with the MeerKAT Array: Discovery of a Luminous OH Megamaser at z > 0.5. Astrophysical Journal Letters, 2022, 931, L7.	8.3	2
20	Long Dark Gaps in the LyÎ² Forest at z < 6: Evidence of Ultra-late Reionization from XQR-30 Spectra. Astrophysical Journal, 2022, 932, 76.	4.5	28
21	A Luminous Quasar at Redshift 7.642. Astrophysical Journal Letters, 2021, 907, L1.	8.3	237
22	An Ultradeep Multiband VLA Survey of the Faint Radio Sky (COSMOS-XS): Source Catalog and Number Counts. Astrophysical Journal, 2021, 907, 5.	4.5	22
23	Strong Mg ii and Fe ii Absorbers at 2.2Â<ÂzÂ<Â6.0. Astrophysical Journal, 2021, 906, 32.	4.5	13
24	An ALMA survey of the S2CLS UDS field: optically invisible submillimetre galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 502, 3426-3435.	4.4	38
25	Revealing the Accretion Physics of Supermassive Black Holes at Redshift z âˆ¼ 7 with Chandra and Infrared Observations. Astrophysical Journal, 2021, 908, 53.	4.5	35
26	Ultrafaint [C ii] Emission in a Redshift = 2 Gravitationally Lensed Metal-poor Dwarf Galaxy. Astrophysical Journal, 2021, 909, 130.	4.5	4
27	Resolving the Radio Emission from the Quasar P172+18 at z = 6.82. Astronomical Journal, 2021, 161, 207.	4.7	15
28	Outflows from Super Star Clusters in the Central Starburst of NGC 253. Astrophysical Journal, 2021, 912, 4.	4.5	16
29	The Kinematics of z â‰³ 6 Quasar Host Galaxies. Astrophysical Journal, 2021, 911, 141.	4.5	62
30	The ALMA Spectroscopic Survey in the HUDF: A Search for [C ii] Emitters at 6 â‰² z â‰² 8. Astrophysical Journal, 2021, 912, 67.	4.5	13
31	NOEMA High-fidelity Imaging of the Molecular Gas in and around M82. Astrophysical Journal Letters, 2021, 915, L3.	8.3	10
32	Measuring the Average Molecular Gas Content of Star-forming Galaxies at z = 3â€“4. Astrophysical Journal, 2021, 916, 12.	4.5	10
33	Random Forests as a Viable Method to Select and Discover High-redshift Quasars. Astronomical Journal, 2021, 162, 72.	4.7	18
34	ALMA Observations of the Sub-kpc Structure of the Host Galaxy of a z = 6.5 Lensed Quasar: A Rotationally Supported Hyper-Starburst System at the Epoch of Reionization. Astrophysical Journal, 2021, 917, 99.	4.5	16
35	Measurements of the Dust Properties in z â‰ƒ 1â€“3 Submillimeter Galaxies with ALMA. Astrophysical Journal, 2021, 919, 30.	4.5	20
36	Clustered Star Formation in the Center of NGC 253 Contributes to Driving the Ionized Nuclear Wind. Astrophysical Journal, 2021, 919, 105.	4.5	10

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37	An ALMA/NOEMA survey of the molecular gas properties of high-redshift star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 501, 3926-3950.	4.4	42
38	A search for dust and molecular gas in enormous LyÎ± nebulae at z â‰ˆ 2. Astronomy and Astrophysics, 2021, 645, L3.	5.1	10
39	A Closer Look at Two of the Most Luminous Quasars in the Universe. Astrophysical Journal, 2021, 906, 12.	4.5	3
40	Probing Early Supermassive Black Hole Growth and Quasar Evolution with Near-infrared Spectroscopy of 37 Reionization-era Quasars at 6.3 < z â‰ˆ 7.64. Astrophysical Journal, 2021, 923, 262.	4.5	76
41	ALMA Imaging of a Galactic Molecular Outflow in NGC 4945. Astrophysical Journal, 2021, 923, 83.	4.5	11
42	Observations of [OI]63â€‰Î¼m line emission in main-sequence galaxies at z â¼ 1.5. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1788-1794.	4.4	3
43	The ALPINE-ALMA [CII] survey. Astronomy and Astrophysics, 2020, 643, A1.	5.1	125
44	An ALMA survey of the SCUBA-2 CLS UDS field: physical properties of 707 sub-millimetre galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3828-3860.	4.4	155
45	Deceptively cold dust in the massive starburst galaxy GN20 at z â¼ 4. Astronomy and Astrophysics, 2020, 634, L14.	5.1	47
46	COLDz: A High Space Density of Massive Dusty Starburst Galaxies â¼1 Billion Years after the Big Bang. Astrophysical Journal, 2020, 895, 81.	4.5	50
47	VLAâ€“ALMA Spectroscopic Survey in the Hubble Ultra Deep Field (VLASPECS): Total Cold Gas Masses and CO Line Ratios for zÂ=Â2â€“3 Main-sequence Galaxies. Astrophysical Journal Letters, 2020, 896, L21.	8.3	47
48	PÅ•iuÄâ€˜ena: A Luminous zÂ=Â7.5 Quasar Hosting a 1.5 Billion Solar Mass Black Hole. Astrophysical Journal Letters, 2020, 897, L14.	8.3	202
49	Probing the Full CO Spectral Line Energy Distribution (SLED) in the Nuclear Region of a Quasar-starburst System at zÂ=Â6.003. Astrophysical Journal, 2020, 889, 162.	4.5	33
50	A Significantly Neutral Intergalactic Medium Around the Luminous zÂ=Â7 Quasar J0252â€“0503. Astrophysical Journal, 2020, 896, 23.	4.5	97
51	Modeling Dust and Starlight in Galaxies Observed by Spitzer and Herschel: The KINGFISH Sample. Astrophysical Journal, 2020, 889, 150.	4.5	54
52	Plateau de Bure High-z Blue Sequence Survey 2 (PHIBSS2): Search for Secondary Sources, CO Luminosity Functions in the Field, and the Evolution of Molecular Gas Density through Cosmic Time*. Astronomical Journal, 2020, 159, 190.	4.7	36
53	The ALMA Spectroscopic Survey in the HUDF: Deep 1.2 mm Continuum Number Counts. Astrophysical Journal, 2020, 897, 91.	4.5	49
54	The ALMA Spectroscopic Survey in the HUDF: A Model to Explain Observed 1.1 and 0.85 mm Dust Continuum Number Counts. Astrophysical Journal, 2020, 891, 135.	4.5	25

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55	The ALMA Spectroscopic Survey in the HUDF: The Cosmic Dust and Gas Mass Densities in Galaxies up to zÂâˆ¼Â3. Astrophysical Journal, 2020, 892, 66.	4.5	41
56	The ALMA Spectroscopic Survey in the Hubble Ultra Deep Field: The Nature of the Faintest Dusty Star-forming Galaxies. Astrophysical Journal, 2020, 901, 79.	4.5	45
57	The Molecular Interstellar Medium in the Super Star Clusters of the Starburst NGC 253. Astrophysical Journal, 2020, 897, 176.	4.5	14
58	No Redshift Evolution in the Broad-line-region Metallicity up to zÂ=Â7.54: Deep Near-infrared Spectroscopy of ULAS J1342+0928. Astrophysical Journal, 2020, 898, 105.	4.5	38
59	A Comparison of the Stellar, CO, and Dust-continuum Emission from Three Star-forming HUDF Galaxies at zÂâˆ¼Â2. Astrophysical Journal, 2020, 899, 37.	4.5	32
60	Detecting and Characterizing Young Quasars. I. Systemic Redshifts and Proximity Zone Measurements. Astrophysical Journal, 2020, 900, 37.	4.5	56
61	The Ionized- and Cool-gas Content of the BR1202âˆ’0725 System as Seen by MUSE and ALMA. Astrophysical Journal, 2020, 902, 37.	4.5	12
62	The Turbulent Gas Structure in the Centers of NGCÂ253 and the Milky Way. Astrophysical Journal, 2020, 899, 158.	4.5	9
63	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
64	X-Ray Observations of a [C ii]-bright, zÂ=Â6.59 Quasar/Companion System. Astrophysical Journal, 2020, 900, 189.	4.5	20
65	Ionized and Atomic Interstellar Medium in the zÂ=Â6.003 Quasar SDSS J2310+1855. Astrophysical Journal, 2020, 900, 131.	4.5	36
66	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
67	The Evolution of the Baryons Associated with Galaxies Averaged over Cosmic Time and Space. Astrophysical Journal, 2020, 902, 111.	4.5	73
68	The ALMA Spectroscopic Survey in the Hubble Ultra Deep Field: CO Excitation and Atomic Carbon in Star-forming Galaxies at zÂ=Â1â€“3. Astrophysical Journal, 2020, 902, 109.	4.5	62
69	The ALMA Spectroscopic Survey Large Program: The Infrared Excess of zÂ=Â1.5â€“10 UV-selected Galaxies and the Implied High-redshift Star Formation History. Astrophysical Journal, 2020, 902, 112.	4.5	94
70	Probing the Nature of High-redshift Weak Emission Line Quasars: A Young Quasar with a Starburst Host Galaxy. Astrophysical Journal, 2020, 903, 34.	4.5	27
71	The ALMA Spectroscopic Survey in the Hubble Ultra Deep Field: Constraining the Molecular Content at log(M_*/M_{âS™})Ââˆ¼Â9.5 with CO Stacking of MUSE-detected zÂâˆ¼Â1.5 Galaxies. Astrophysical Journal, 2020, 902, 113.	4.5	11
72	The X-SHOOTER/ALMA Sample of Quasars in the Epoch of Reionization. I. NIR Spectral Modeling, Iron Enrichment, and Broad Emission Line Properties. Astrophysical Journal, 2020, 905, 51.	4.5	66

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73	No Evidence for [C ii] Halos or High-velocity Outflows in zÂâ‰³Â6 Quasar Host Galaxies. Astrophysical Journal, 2020, 904, 131.	4.5	41
74	Kiloparsec-scale ALMA Imaging of [C ii] and Dust Continuum Emission of 27 Quasar Host Galaxies at zÂâˆ¼Â6. Astrophysical Journal, 2020, 904, 130.	4.5	81
75	The Molecular Gas Reservoirs of zÂâˆ¼Â2 Galaxies: A Comparison of CO(1â€“0) and Dust-based Molecular Gas Masses. Astrophysical Journal, 2019, 880, 15.	4.5	41
76	The zÂ=Â7.54 Quasar ULAS J1342+0928 Is Hosted by a Galaxy Merger. Astrophysical Journal Letters, 2019, 881, L23.	8.3	28
77	The Atacama Cosmology Telescope: CO(J = 3 â€“ 2) Mapping and Lens Modeling of an ACT-selected Dusty Star-forming Galaxy. Astrophysical Journal, 2019, 879, 95.	4.5	9
78	EMPIRE: The IRAM 30 m Dense Gas Survey of Nearby Galaxies. Astrophysical Journal, 2019, 880, 127.	4.5	84
79	Exploring Reionization-era Quasars. III. Discovery of 16 Quasars at 6.4Ââ‰²ÂzÂâ‰²Â6.9 with DESI Legacy Imaging Surveys and the UKIRT Hemisphere Survey and Quasar Luminosity Function at zÂâˆ¼Â6.7. Astrophysical Journal, 2019, 884, 30.	4.5	114
80	A Metal-poor Damped LyÎ± System at Redshift 6.4. Astrophysical Journal, 2019, 885, 59.	4.5	38
81	Resolved [C ii] Emission from z > 6 Quasar Hostâ€“Companion Galaxy Pairs. Astrophysical Journal, 2019, 882, 10.	4.5	53
82	ALMA and HST Kiloparsec-scale Imaging of a Quasar-galaxy Merger at ZÂâ‰ˆÂ6.2. Astrophysical Journal, 2019, 880, 157.	4.5	30
83	Far-infrared Properties of the Bright, Gravitationally Lensed Quasar J0439+1634 at zÂ=Â6.5. Astrophysical Journal, 2019, 880, 153.	4.5	42
84	An ALMA Multiline Survey of the Interstellar Medium of the Redshift 7.5 Quasar Host Galaxy J1342+0928. Astrophysical Journal, 2019, 881, 63.	4.5	62
85	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
86	Investigating the physical properties of galaxies in the Epoch of Reionization with MIRI/JWST spectroscopy. Astronomy and Astrophysics, 2019, 629, A9.	5.1	8
87	Strong Far-ultraviolet Fields Drive the [C ii]/Far-infrared Deficit in zÂâˆ¼Â3 Dusty, Star-forming Galaxies. Astrophysical Journal, 2019, 876, 112.	4.5	51
88	Star Formation and ISM Properties in the Host Galaxies of Three Far-infrared Luminous Quasars at zÂâˆ¼Â6. Astrophysical Journal, 2019, 876, 99.	4.5	32
89	ALMA Reveals Potential Evidence for Spiral Arms, Bars, and Rings in High-redshift Submillimeter Galaxies. Astrophysical Journal, 2019, 876, 130.	4.5	97
90	PHIBSS2: survey design and z = 0.5 â€“ 0.8 results. Astronomy and Astrophysics, 2019, 622, A105.	5.1	77

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91	Gemini GNIRS Near-infrared Spectroscopy of 50 Quasars at z â‰³ 5.7. Astrophysical Journal, 2019, 873, 35.	4.5	115
92	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
93	400 pc Imaging of a Massive Quasar Host Galaxy at a Redshift of 6.6. Astrophysical Journal Letters, 2019, 874, L30.	8.3	54
94	Massive quasar host galaxies in the reionisation epoch. Proceedings of the International Astronomical Union, 2019, 15, 127-131.	0.0	0
95	Resolving the Interstellar Medium in the Nuclear Region of Two zÂ=Â5.78 Quasar Host Galaxies with ALMA. Astrophysical Journal, 2019, 887, 40.	4.5	16
96	The Molecular Outflow in NGCÂ253 at a Resolution of Two Parsecs. Astrophysical Journal, 2019, 881, 43.	4.5	40
97	The ALMA Spectroscopic Survey in the HUDF: Constraining Cumulative CO Emission at 1 â‰² z â‰² 4 with Power Spectrum Analysis of ASPECS LP Data from 84 to 115 GHz. Astrophysical Journal, 2019, 887, 37.	4.5	16
98	The REQUIEM Survey. I. A Search for Extended LyÎ± Nebular Emission Around 31 zÂ>Â5.7 Quasars. Astrophysical Journal, 2019, 887, 196.	4.5	68
99	The Discovery of a Gravitationally Lensed Quasar at zÂ=Â6.51. Astrophysical Journal Letters, 2019, 870, L11.	8.3	71
100	LyÎ± Halos around z âˆ¼ 6 Quasars. Astrophysical Journal, 2019, 881, 131.	4.5	24
101	Spectral Energy Distributions of Companion Galaxies to zÂâˆ¼Â6 Quasars. Astrophysical Journal, 2019, 881, 163.	4.5	16
102	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
103	The ALMA Spectroscopic Survey in the HUDF: the Molecular Gas Content of Galaxies and Tensions with IllustrisTNG and the Santa Cruz SAM. Astrophysical Journal, 2019, 882, 137.	4.5	65
104	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
105	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
106	X-Ray Observations of a zÂâˆ¼Â6.2 Quasar/Galaxy Merger. Astrophysical Journal, 2019, 887, 171.	4.5	29
107	An ALMA [C ii] Survey of 27 Quasars at zÂ>Â5.94. Astrophysical Journal, 2018, 854, 97.	4.5	220
108	Full-disc 13CO(1â€“0) mapping across nearby galaxies of the EMPIRE survey and the CO-to-H2 conversion factor. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3909-3933.	4.4	55

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109	An 800-million-solar-mass black hole in a significantly neutral Universe at a redshift of 7.5. Nature, 2018, 553, 473-476.	27.8	726
110	The Discovery of a Luminous Broad Absorption Line Quasar at a Redshift of 7.02. Astrophysical Journal Letters, 2018, 869, L9.	8.3	82
111	A High-resolution Mosaic of the Neutral Hydrogen in the M81 Triplet. Astrophysical Journal, 2018, 865, 26.	4.5	41
112	No Evidence for Enhanced [O iii]Â88 Î¼m Emission in a zÂâˆ¼Â6 Quasar Compared to Its Companion Starbursting Galaxy. Astrophysical Journal Letters, 2018, 869, L22.	8.3	49
113	Quantitative Constraints on the Reionization History from the IGM Damping Wing Signature in Two Quasars at zÂ>Â7. Astrophysical Journal, 2018, 864, 142.	4.5	197
114	Dust Emission in an Accretion-rate-limited Sample of zÂâ‰³Â6 Quasars. Astrophysical Journal, 2018, 866, 159.	4.5	77
115	Forming Super Star Clusters in the Central Starburst of NGC 253. Astrophysical Journal, 2018, 869, 126.	4.5	68
116	No Evidence for Millimeter Continuum Source Overdensities in the Environments of zÂâ‰³Â6 Quasars. Astrophysical Journal, 2018, 867, 153.	4.5	21
117	Spatially Resolved ¹²CO(2â€“1)/¹²CO(1â€“0) in the Starburst Galaxy NGC 253: Assessing Optical Depth to Constrain the Molecular Mass Outflow Rate. Astrophysical Journal, 2018, 867, 111.	4.5	24
118	The [Câ€‰ii] emission as a molecular gas mass tracer in galaxies at low and high redshifts. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1976-1999.	4.4	130
119	Predicting Quasar Continua near LyÎ± with Principal Component Analysis. Astrophysical Journal, 2018, 864, 143.	4.5	49
120	Resolving the ISM at the Peak of Cosmic Star Formation with ALMA: The Distribution of CO and Dust Continuum in zÂâˆ¼Â2.5 Submillimeter Galaxies. Astrophysical Journal, 2018, 863, 56.	4.5	92
121	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. Astrophysical Journal, 2018, 864, 49.	4.5	71
122	Dense Gas, Dynamical Equilibrium Pressure, and Star Formation in Nearby Star-forming Galaxies. Astrophysical Journal, 2018, 858, 90.	4.5	75
123	PHIBSS: Unified Scaling Relations of Gas Depletion Time and Molecular Gas Fractions*. Astrophysical Journal, 2018, 853, 179.	4.5	467
124	Smooth H i Low Column Density Outskirts in Nearby Galaxies. Astronomical Journal, 2018, 155, 233.	4.7	8
125	Resolving the Powerful Radio-loud Quasar at z âˆ¼ 6. Astrophysical Journal, 2018, 861, 86.	4.5	26
126	A Powerful Radio-loud Quasar at the End of Cosmic Reionization. Astrophysical Journal Letters, 2018, 861, L14.	8.3	50

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127	Chandra X-Rays from the Redshift 7.54 Quasar ULAS J1342+0928. Astrophysical Journal Letters, 2018, 856, L25.	8.3	31
128	The Dust and [C ii]ÂMorphologies of Redshift âˆ¼4.5 Sub-millimeter Galaxies at âˆ¼200 pc Resolution: The Absence of Large Clumps in the Interstellar Medium at High-redshift. Astrophysical Journal, 2018, 859, 12.	4.5	69
129	Large-scale Environment of a z = 6.61 Luminous Quasar Probed by LyÎ± Emitters and Lyman Break Galaxies^{â€”}. Astrophysical Journal, 2018, 856, 109.	4.5	37
130	H i Kinematics along the Minor Axis of M82. Astrophysical Journal, 2018, 856, 61.	4.5	35
131	Physical Properties of Molecular Clouds at 2 pc Resolution in the Low-metallicity Dwarf Galaxy NGC 6822 and the Milky Way. Astrophysical Journal, 2017, 835, 278.	4.5	69
132	An ALMA Survey of Submillimeter Galaxies in the Extended Chandra Deep Field South: Spectroscopic Redshifts. Astrophysical Journal, 2017, 840, 78.	4.5	95
133	Milliarcsecond Imaging of the Radio Emission from the Quasar with the Most Massive Black Hole at Reionization. Astrophysical Journal Letters, 2017, 835, L20.	8.3	12
134	Rapidly star-forming galaxies adjacent to quasars at redshifts exceeding 6. Nature, 2017, 545, 457-461.	27.8	149
135	The Compact,Ââˆ¼1 kpc Host Galaxy of a Quasar at a Redshift of 7.1. Astrophysical Journal, 2017, 837, 146.	4.5	79
136	THE SPATIALLY RESOLVED COOLING LINE DEFICIT IN GALAXIES. Astrophysical Journal, 2017, 834, 5.	4.5	79
137	Gas Dynamics of a Luminous zÂ=Â6.13 Quasar ULAS J1319+0950 Revealed by ALMA High-resolution Observations. Astrophysical Journal, 2017, 845, 138.	4.5	48
138	Large turbulent reservoirs of cold molecular gas around high-redshift starburst galaxies. Nature, 2017, 548, 430-433.	27.8	69
139	Dense Molecular Gas Tracers in the Outflow of the Starburst Galaxy NGC 253. Astrophysical Journal, 2017, 835, 265.	4.5	80
140	Copious Amounts of Dust and Gas in a zÂ=Â7.5 Quasar Host Galaxy. Astrophysical Journal Letters, 2017, 851, L8.	8.3	103
141	A Spatially Resolved Study of Cold Dust, Molecular Gas, H ii Regions, and Stars in the zÂ=Â2.12 Submillimeter Galaxy ALESS67.1. Astrophysical Journal, 2017, 846, 108.	4.5	71
142	The Survey of Water and Ammonia in the Galactic Center (SWAG): Molecular Cloud Evolution in the Central Molecular Zone. Astrophysical Journal, 2017, 850, 77.	4.5	71
143	A 33 GHz Survey of Local Major Mergers: Estimating the Sizes of the Energetically Dominant Regions from High-resolution Measurements of the Radio Continuum. Astrophysical Journal, 2017, 843, 117.	4.5	37
144	ALMA Resolves the Nuclear Disks of Arp 220. Astrophysical Journal, 2017, 836, 66.	4.5	91

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145	The EDGE-CALIFA Survey: Interferometric Observations of 126 Galaxies with CARMA. Astrophysical Journal, 2017, 846, 159.	4.5	136
146	Deep CO(1â€“0) Observations of zÂ=Â1.62 Cluster Galaxies with Substantial Molecular Gas Reservoirs and Normal Star Formation Efficiencies. Astrophysical Journal, 2017, 849, 27.	4.5	58
147	Dynamical Characterization of Galaxies at zÂâ¼Â4â€“6 via Tilted Ring Fitting to ALMA [C ii] Observations. Astrophysical Journal, 2017, 850, 180.	4.5	44
148	Mapping the LyÎ± Emission around a zÂâ¼Â6.6 QSO with MUSE: Extended Emission and a Companion at a Close Separation. Astrophysical Journal, 2017, 848, 78.	4.5	43
149	Physical Properties of 15 Quasars at zÂâ‰³Â6.5. Astrophysical Journal, 2017, 849, 91.	4.5	230
150	Molecular Gas in Three zÂâ¼Â7 Quasar Host Galaxies. Astrophysical Journal, 2017, 845, 154.	4.5	74
151	Mg ii Absorption at 2Â<ÂZÂ<Â7 with Magellan/Fire. III. Full Statistics of Absorption toward 100 High-redshift QSOs*. Astrophysical Journal, 2017, 850, 188.	4.5	42
152	NO OVERDENSITY OF LYMAN-ALPHA EMITTING GALAXIES AROUND A QUASAR AT zÂâ¼Â5.7. Astrophysical Journal, 2017, 834, 83.	4.5	50
153	NEW CONSTRAINTS ON THE MOLECULAR GAS IN THE PROTOTYPICAL HyLIRGs BRI 1202â€“0725 AND BRI 1335â€“0417. Astrophysical Journal, 2016, 830, 63.	4.5	8
154	THE ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: MOLECULAR GAS RESERVOIRS IN HIGH-REDSHIFT GALAXIES. Astrophysical Journal, 2016, 833, 70.	4.5	89
155	The HI/OH/Recombination line survey of the inner Milky Way (THOR). Astronomy and Astrophysics, 2016, 595, A32.	5.1	118
156	Temperature Evolution of Molecular Clouds in the Central Molecular Zone. Proceedings of the International Astronomical Union, 2016, 11, 160-161.	0.0	0
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