

Fabian Walter

List of Publications by Year in descending order

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389
papers

45,889
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8284
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#	ARTICLE	IF	CITATIONS
1	THE STAR FORMATION EFFICIENCY IN NEARBY GALAXIES: MEASURING WHERE GAS FORMS STARS EFFECTIVELY. <i>Astronomical Journal</i> , 2008, 136, 2782-2845.	4.7	1,481
2	THE STAR FORMATION LAW IN NEARBY GALAXIES ON SUB-KPC SCALES. <i>Astronomical Journal</i> , 2008, 136, 2846-2871.	4.7	1,409
3	THINGS: THE H I NEARBY GALAXY SURVEY. <i>Astronomical Journal</i> , 2008, 136, 2563-2647.	4.7	1,055
4	SINGS: The SIRT Nearby Galaxies Survey. <i>Publications of the Astronomical Society of the Pacific</i> , 2003, 115, 928-952.	3.1	1,048
5	Cool Gas in High-Redshift Galaxies. <i>Annual Review of Astronomy and Astrophysics</i> , 2013, 51, 105-161.	24.3	838
6	Dust Masses, PAH Abundances, and Starlight Intensities in the SINGS Galaxy Sample. <i>Astrophysical Journal</i> , 2007, 663, 866-894.	4.5	818
7	The Calibration of Mid-Infrared Star Formation Rate Indicators. <i>Astrophysical Journal</i> , 2007, 666, 870-895.	4.5	764
8	The Mid-Infrared Spectrum of Star-Forming Galaxies: Global Properties of Polycyclic Aromatic Hydrocarbon Emission. <i>Astrophysical Journal</i> , 2007, 656, 770-791.	4.5	748
9	VERY HIGH GAS FRACTIONS AND EXTENDED GAS RESERVOIRS IN $z = 1.5$ DISK GALAXIES. <i>Astrophysical Journal</i> , 2010, 713, 686-707.	4.5	748
10	An 800-million-solar-mass black hole in a significantly neutral Universe at a redshift of 7.5. <i>Nature</i> , 2018, 553, 473-476.	27.8	726
11	HIGH-RESOLUTION ROTATION CURVES AND GALAXY MASS MODELS FROM THINGS. <i>Astronomical Journal</i> , 2008, 136, 2648-2719.	4.7	721
12	DIFFERENT STAR FORMATION LAWS FOR DISKS VERSUS STARBURSTS AT LOW AND HIGH REDSHIFTS. <i>Astrophysical Journal Letters</i> , 2010, 714, L118-L122.	8.3	600
13	MOLECULAR GAS AND STAR FORMATION IN NEARBY DISK GALAXIES. <i>Astronomical Journal</i> , 2013, 146, 19.	4.7	505
14	HERACLES: THE HERA CO LINE EXTRAGALACTIC SURVEY. <i>Astronomical Journal</i> , 2009, 137, 4670-4696.	4.7	495
15	COMBINED CO AND DUST SCALING RELATIONS OF DEPLETION TIME AND MOLECULAR GAS FRACTIONS WITH COSMIC TIME, SPECIFIC STAR-FORMATION RATE, AND STELLAR MASS. <i>Astrophysical Journal</i> , 2015, 800, 20.	4.5	482
16	PHIBSS: Unified Scaling Relations of Gas Depletion Time and Molecular Gas Fractions*. <i>Astrophysical Journal</i> , 2018, 853, 179.	4.5	467
17	Star Formation in NGC 5194 (M51a). II. The Spatially Resolved Star Formation Law. <i>Astrophysical Journal</i> , 2007, 671, 333-348.	4.5	464
18	A MOLECULAR STAR FORMATION LAW IN THE ATOMIC-GAS-DOMINATED REGIME IN NEARBY GALAXIES. <i>Astronomical Journal</i> , 2011, 142, 37.	4.7	436

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19	COMPARISON OF $H\alpha$ AND UV STAR FORMATION RATES IN THE LOCAL VOLUME: SYSTEMATIC DISCREPANCIES FOR DWARF GALAXIES. <i>Astrophysical Journal</i> , 2009, 706, 599-613.	4.5	428
20	The Resolved Properties of Extragalactic Giant Molecular Clouds. <i>Astrophysical Journal</i> , 2008, 686, 948-965.	4.5	418
21	THE EVOLVING INTERSTELLAR MEDIUM OF STAR-FORMING GALAXIES SINCE $z = 2$ AS PROBED BY THEIR INFRARED SPECTRAL ENERGY DISTRIBUTIONS. <i>Astrophysical Journal</i> , 2012, 760, 6.	4.5	418
22	THE CO-TO- H_2 CONVERSION FACTOR AND DUST-TO-GAS RATIO ON KILOPARSEC SCALES IN NEARBY GALAXIES. <i>Astrophysical Journal</i> , 2013, 777, 5.	4.5	418
23	THE SPITZER LOCAL VOLUME LEGACY: SURVEY DESCRIPTION AND INFRARED PHOTOMETRY. <i>Astrophysical Journal</i> , 2009, 703, 517-556.	4.5	412
24	KINGFISH – Key Insights on Nearby Galaxies: A Far-Infrared Survey with <i>Herschel</i> : Survey Description and Image Atlas 1. <i>Publications of the Astronomical Society of the Pacific</i> , 2011, 123, 1347-1369.	3.1	349
25	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
26	A CONSTANT MOLECULAR GAS DEPLETION TIME IN NEARBY DISK GALAXIES. <i>Astrophysical Journal Letters</i> , 2011, 730, L13.	8.3	319
27	STAR FORMATION AND GAS KINEMATICS OF QUASAR HOST GALAXIES AT $z \approx 6$: NEW INSIGHTS FROM ALMA. <i>Astrophysical Journal</i> , 2013, 773, 44.	4.5	317
28	An Ultraviolet- α Radio Broadband Spectral Atlas of Nearby Galaxies. <i>Astrophysical Journal</i> , 2007, 655, 863-884.	4.5	314
29	EXTREMELY INEFFICIENT STAR FORMATION IN THE OUTER DISKS OF NEARBY GALAXIES. <i>Astronomical Journal</i> , 2010, 140, 1194-1213.	4.7	312
30	Evidence of strong quasar feedback in the early Universe. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 425, L66-L70.	3.3	312
31	ON THE EFFECT OF THE COSMIC MICROWAVE BACKGROUND IN HIGH-REDSHIFT (SUB-)MILLIMETER OBSERVATIONS. <i>Astrophysical Journal</i> , 2013, 766, 13.	4.5	305
32	THE LARGE APEX BOLOMETER CAMERA SURVEY OF THE EXTENDED CHANDRA DEEP FIELD SOUTH. <i>Astrophysical Journal</i> , 2009, 707, 1201-1216.	4.5	304
33	THE CALIBRATION OF MONOCHROMATIC FAR-INFRARED STAR FORMATION RATE INDICATORS. <i>Astrophysical Journal</i> , 2010, 714, 1256-1279.	4.5	296
34	Resolved Molecular Gas in a Quasar Host Galaxy at Redshift $z = 6.42$. <i>Astrophysical Journal</i> , 2004, 615, L17-L20.	4.5	274
35	LITTLE THINGS. <i>Astronomical Journal</i> , 2012, 144, 134.	4.7	271
36	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

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37	THE PAN-STARRS1 DISTANT $z > 5.6$ QUASAR SURVEY: MORE THAN 100 QUASARS WITHIN THE FIRST GYR OF THE UNIVERSE. <i>Astrophysical Journal, Supplement Series</i> , 2016, 227, 11.	7.7	266
38	ANDROMEDA'S DUST. <i>Astrophysical Journal</i> , 2014, 780, 172.	4.5	258
39	Molecular gas in the host galaxy of a quasar at redshift $z = 6.42$. <i>Nature</i> , 2003, 424, 406-408.	27.8	256
40	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
41	WHAT IS DRIVING THE H I VELOCITY DISPERSION?. <i>Astronomical Journal</i> , 2009, 137, 4424-4435.	4.7	249
42	Black hole accretion and star formation as drivers of gas excitation and chemistry in Markarian 231. <i>Astronomy and Astrophysics</i> , 2010, 518, L42.	5.1	247
43	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
44	ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: THE INFRARED EXCESS OF UV-SELECTED $z = 2-10$ GALAXIES AS A FUNCTION OF UV-CONTINUUM SLOPE AND STELLAR MASS. <i>Astrophysical Journal</i> , 2016, 833, 72.	4.5	243
45	HIGH-RESOLUTION DARK MATTER DENSITY PROFILES OF THINGS DWARF GALAXIES: CORRECTING FOR NONCIRCULAR MOTIONS. <i>Astronomical Journal</i> , 2008, 136, 2761-2781.	4.7	242
46	A Luminous Quasar at Redshift 7.642. <i>Astrophysical Journal Letters</i> , 2021, 907, L1.	8.3	237
47	Molecular Gas in M82: Resolving the Outflow and Streamers. <i>Astrophysical Journal</i> , 2002, 580, L21-L25.	4.5	231
48	Physical Properties of 15 Quasars at $z \approx 6.5$. <i>Astrophysical Journal</i> , 2017, 849, 91.	4.5	230
49	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
50	An ALMA [C ii] Survey of 27 Quasars at $z > 5.94$. <i>Astrophysical Journal</i> , 2018, 854, 97.	4.5	220
51	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
52	Highly-excited CO emission in APM 08279+5255 at $z \approx 3.9$. <i>Astronomy and Astrophysics</i> , 2007, 467, 955-969.	213	213
53	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
54	CO excitation of normal star-forming galaxies out to $z = 1.5$ as regulated by the properties of their interstellar medium. <i>Astronomy and Astrophysics</i> , 2015, 577, A46.	5.1	213

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55	KILOPARSEC-SCALE DUST DISKS IN HIGH-REDSHIFT LUMINOUS SUBMILLIMETER GALAXIES. <i>Astrophysical Journal</i> , 2016, 833, 103.	4.5	212
56	MOLECULAR GAS IN $z \sim 6$ QUASAR HOST GALAXIES. <i>Astrophysical Journal</i> , 2010, 714, 699-712.	4.5	210
57	First detection of [CII] $158\ \mu\text{m}$ at high redshift: vigorous star formation in the early universe. <i>Astronomy and Astrophysics</i> , 2005, 440, L51-L54.	5.1	209
58	HERSCHEL FAR-INFRARED AND SUBMILLIMETER PHOTOMETRY FOR THE KINGFISH SAMPLE OF NEARBY GALAXIES. <i>Astrophysical Journal</i> , 2012, 745, 95.	4.5	209
59	Gemini Near-Infrared Spectroscopy of Luminous $z \sim 6$ Quasars: Chemical Abundances, Black Hole Masses, and Mg Absorption. <i>Astronomical Journal</i> , 2007, 134, 1150-1161.	4.7	202
60	Panina: A Luminous $z \sim 7.5$ Quasar Hosting a 1.5 Billion Solar Mass Black Hole. <i>Astrophysical Journal Letters</i> , 2020, 897, L14.	8.3	202
61	Quantitative Constraints on the Reionization History from the IGM Damping Wing Signature in Two Quasars at $z \sim 7$. <i>Astrophysical Journal</i> , 2018, 864, 142.	4.5	197
62	A kiloparsec-scale hyper-starburst in a quasar host less than 1% gigayear after the Big Bang. <i>Nature</i> , 2009, 457, 699-701.	27.8	194
63	Black Hole Masses and Enrichment of $z \sim 6$ SDSS Quasars. <i>Astrophysical Journal</i> , 2007, 669, 32-44.	4.5	192
64	LOW CO LUMINOSITIES IN DWARF GALAXIES. <i>Astronomical Journal</i> , 2012, 143, 138.	4.7	190
65	High-excitation CO in a quasar host galaxy at $z = 6.42$. <i>Astronomy and Astrophysics</i> , 2003, 409, L47-L50.	5.1	186
66	THE SCALE DEPENDENCE OF THE MOLECULAR GAS DEPLETION TIME IN M33. <i>Astrophysical Journal</i> , 2010, 722, 1699-1706.	4.5	186
67	The LABOCA survey of the Extended Chandra Deep Field-South: a photometric redshift survey of submillimetre galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 1479-1508.	4.4	184
68	EVIDENCE FOR NON-EVOLVING Fe II/Mg II RATIOS IN RAPIDLY ACCRETING $z \sim 6$ QSOs. <i>Astrophysical Journal</i> , 2011, 739, 56.	4.5	182
69	ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: SURVEY DESCRIPTION. <i>Astrophysical Journal</i> , 2016, 833, 67.	4.5	172
70	BLACK HOLE MASS ESTIMATES AND EMISSION-LINE PROPERTIES OF A SAMPLE OF REDSHIFT $z \sim 6.5$ QUASARS. <i>Astrophysical Journal</i> , 2014, 790, 145.	4.5	170
71	BRIGHT [C II] AND DUST EMISSION IN THREE $z \sim 6.6$ QUASAR HOST GALAXIES OBSERVED BY ALMA. <i>Astrophysical Journal</i> , 2016, 816, 37.	4.5	163
72	EVIDENCE FOR A CLUMPY, ROTATING GAS DISK IN A SUBMILLIMETER GALAXY AT $z = 4$. <i>Astrophysical Journal</i> , 2012, 760, 11.	4.5	161

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73	[C II] 158 μ m EMISSION AS A STAR FORMATION TRACER. <i>Astrophysical Journal</i> , 2015, 800, 1.	4.5	158
74	ALMA REVEALS THE MOLECULAR MEDIUM FUELING THE NEAREST NUCLEAR STARBURST. <i>Astrophysical Journal</i> , 2015, 801, 25.	4.5	157
75	DETECTION OF ATOMIC CARBON [C II] 158 μ m AND DUST EMISSION FROM A $z = 7.1$ QUASAR HOST GALAXY. <i>Astrophysical Journal Letters</i> , 2012, 751, L25.	8.3	156
76	ESTIMATING THE STAR FORMATION RATE AT 1 kpc SCALES IN NEARBY GALAXIES. <i>Astronomical Journal</i> , 2012, 144, 3.	4.7	155
77	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
78	THE IDENTIFICATION OF z -DROPOUTS IN PAN-STARRS1: THREE QUASARS AT $6.5 < z < 6.7$. <i>Astrophysical Journal Letters</i> , 2015, 801, L11.	8.3	151
79	Rapidly star-forming galaxies adjacent to quasars at redshifts exceeding 6. <i>Nature</i> , 2017, 545, 457-461.	27.8	149
80	Gas and dust in the Cloverleaf quasar at redshift 2.5. <i>Astronomy and Astrophysics</i> , 2003, 409, L41-L45.	5.1	146
81	THE EMISSION BY DUST AND STARS OF NEARBY GALAXIES IN THE HERSCHEL KINGFISH SURVEY. <i>Astrophysical Journal</i> , 2011, 738, 89.	4.5	145
82	VARIATIONS IN THE STAR FORMATION EFFICIENCY OF THE DENSE MOLECULAR GAS ACROSS THE DISKS OF STAR-FORMING GALAXIES. <i>Astronomical Journal</i> , 2015, 150, 115.	4.7	145
83	IMAGING THE MOLECULAR GAS IN A SUBMILLIMETER GALAXY AT $z = 4.05$: COLD MODE ACCRETION OR A MAJOR MERGER?. <i>Astrophysical Journal</i> , 2010, 714, 1407-1417.	4.5	144
84	A high-resolution rotation curve of NGC 6822: a test-case for cold dark matter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 340, 12-28.	4.4	137
85	LOW MILKY-WAY-LIKE MOLECULAR GAS EXCITATION OF MASSIVE DISK GALAXIES AT $z \approx 1.5$. <i>Astrophysical Journal</i> , 2009, 698, L178-L182.	4.5	137
86	CO(1-0) in $z \approx 4$ Quasar Host Galaxies: No Evidence for Extended Molecular Gas Reservoirs. <i>Astrophysical Journal</i> , 2006, 650, 604-613.	4.5	136
87	THE MULTI-PHASE COLD FOUNTAIN IN M82 REVEALED BY A WIDE, SENSITIVE MAP OF THE MOLECULAR INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , 2015, 814, 83.	4.5	136
88	The EDGE-CALIFA Survey: Interferometric Observations of 126 Galaxies with CARMA. <i>Astrophysical Journal</i> , 2017, 846, 159.	4.5	136
89	Holes and Shells in the Interstellar Medium of the Nearby Dwarf Galaxy IC 2574. <i>Astronomical Journal</i> , 1999, 118, 273-301.	4.7	136
90	The spectral energy distribution of CO lines in M82. <i>Astronomy and Astrophysics</i> , 2005, 438, 533-544.	5.1	135

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91	THE <i>HERSCHEL</i> COMPREHENSIVE (U)LIRG EMISSION SURVEY (HERCULES): CO LADDERS, FINE STRUCTURE LINES, AND NEUTRAL GAS COOLING. <i>Astrophysical Journal</i> , 2015, 801, 72.	4.5	135
92	Thermal Emission from Warm Dust in the Most Distant Quasars. <i>Astrophysical Journal</i> , 2008, 687, 848-858.	4.5	134
93	STAR FORMATION RELATIONS AND CO SPECTRAL LINE ENERGY DISTRIBUTIONS ACROSS THE <i>J</i> -LADDER AND REDSHIFT. <i>Astrophysical Journal</i> , 2014, 794, 142.	4.5	130
94	The [C ⁱⁱ] emission as a molecular gas mass tracer in galaxies at low and high redshifts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1976-1999.	4.4	130
95	EXTENDED COLD MOLECULAR GAS RESERVOIRS IN <i>z</i> \sim 3.4 SUBMILLIMETER GALAXIES. <i>Astrophysical Journal Letters</i> , 2011, 739, L31.	8.3	128
96	GOODS- <i>HERSCHEL</i> : GAS-TO-DUST MASS RATIOS AND CO-TO-H ₂ CONVERSION FACTORS IN NORMAL AND STARBURSTING GALAXIES AT HIGH- <i>z</i> . <i>Astrophysical Journal Letters</i> , 2011, 740, L15.	8.3	128
97	DISCOVERY OF EIGHT <i>z</i> \sim 6 QUASARS FROM Pan-STARRS1. <i>Astronomical Journal</i> , 2014, 148, 14.	4.7	126
98	The ALPINE-ALMA [CII] survey. <i>Astronomy and Astrophysics</i> , 2020, 643, A1.	5.1	125
99	A CO EMISSION LINE FROM THE OPTICAL AND NEAR-IR UNDETECTED SUBMILLIMETER GALAXY GN10. <i>Astrophysical Journal</i> , 2009, 695, L176-L180.	4.5	124
100	A SURVEY OF ATOMIC CARBON AT HIGH REDSHIFT. <i>Astrophysical Journal</i> , 2011, 730, 18.	4.5	124
101	Extended Mid-Infrared Aromatic Feature Emission in M82. <i>Astrophysical Journal</i> , 2006, 642, L127-L132.	4.5	122
102	The HI/OH/Recombination line survey of the inner Milky Way (THOR). <i>Astronomy and Astrophysics</i> , 2016, 595, A32.	5.1	118
103	Mapping the cold dust temperatures and masses of nearby KINGFISH galaxies with <i>Herschel</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 763-787.	4.4	117
104	EVIDENCE FOR CO SHOCK EXCITATION IN NGC 6240 FROM <i>HERSCHEL</i> SPIRE SPECTROSCOPY. <i>Astrophysical Journal Letters</i> , 2013, 762, L16.	8.3	115
105	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
106	Gemini GNIRS Near-infrared Spectroscopy of 50 Quasars at <i>z</i> \sim 5.7. <i>Astrophysical Journal</i> , 2019, 873, 35.	4.5	115
107	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
108	Exploring Reionization-era Quasars. III. Discovery of 16 Quasars at <i>z</i> \sim 6.4-6.9 with DESI Legacy Imaging Surveys and the UKIRT Hemisphere Survey and Quasar Luminosity Function at <i>z</i> \sim 6.7. <i>Astrophysical Journal</i> , 2019, 884, 30.	4.5	114

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109	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
110	THE FINE-SCALE STRUCTURE OF THE NEUTRAL INTERSTELLAR MEDIUM IN NEARBY GALAXIES. <i>Astronomical Journal</i> , 2011, 141, 23.	4.7	113
111	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
112	AN ALMA SURVEY OF SUBMILLIMETER GALAXIES IN THE EXTENDED CHANDRA DEEP FIELD SOUTH: NEAR-INFRARED MORPHOLOGIES AND STELLAR SIZES. <i>Astrophysical Journal</i> , 2015, 799, 194.	4.5	111
113	MODELING DUST AND STARLIGHT IN GALAXIES OBSERVED BY <i>SPITZER</i> AND <i>HERSCHEL</i> : NGC 628 AND NGC 6946. <i>Astrophysical Journal</i> , 2012, 756, 138.	4.5	110
114	ALMA MULTI-LINE IMAGING OF THE NEARBY STARBURST NGC 253. <i>Astrophysical Journal</i> , 2015, 801, 63.	4.5	109
115	A submillimetre galaxy at $z = 4.76$ in the LABOCA survey of the Extended Chandra Deep Field-South. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 1905-1914.	4.4	108
116	SPECTRAL ENERGY DISTRIBUTIONS OF QSOs AT $z > 5$: COMMON ACTIVE GALACTIC NUCLEUS-HEATED DUST AND OCCASIONALLY STRONG STAR-FORMATION. <i>Astrophysical Journal</i> , 2014, 785, 154.	4.5	108
117	Probing the Evolution of Infrared Properties of $z \sim 6$ Quasars: Spitzer Observations. <i>Astronomical Journal</i> , 2006, 132, 2127-2134.	4.7	107
118	DISCOVERY OF LARGE MOLECULAR GAS RESERVOIRS IN POST-STARBURST GALAXIES. <i>Astrophysical Journal</i> , 2015, 801, 1.	4.5	104
119	Evidence for Tidal Interaction and a Supergiant H [CSC] Shell in the Local Group Dwarf Galaxy NGC 6822. <i>Astrophysical Journal</i> , 2000, 537, L95-L98.	4.5	103
120	The heating of dust by old stellar populations in the bulge of M31. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 892-902.	4.4	103
121	Copious Amounts of Dust and Gas in a $z \sim 7.5$ Quasar Host Galaxy. <i>Astrophysical Journal Letters</i> , 2017, 851, L8.	8.3	103
122	VLA-ANGST: A HIGH-RESOLUTION H I SURVEY OF NEARBY DWARF GALAXIES. <i>Astronomical Journal</i> , 2012, 144, 123.	4.7	102
123	Gas fraction and star formation efficiency at $z < 1.0$. <i>Astronomy and Astrophysics</i> , 2013, 550, A41.	5.1	102
124	ALMA OBSERVATION OF 158 μm [C II] LINE AND DUST CONTINUUM OF A $z = 7$ NORMALLY STAR-FORMING GALAXY IN THE EPOCH OF REIONIZATION. <i>Astrophysical Journal</i> , 2014, 792, 34.	4.5	100
125	ALMA resolves turbulent, rotating [CII] emission in a young starburst galaxy at $z = 4.8$. <i>Astronomy and Astrophysics</i> , 2014, 565, A59.	5.1	99
126	Atomic carbon at redshift $z \sim 2.5$. <i>Astronomy and Astrophysics</i> , 2005, 429, L25-L28.	5.1	97

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127	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
128	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
129	A Significantly Neutral Intergalactic Medium Around the Luminous $z \approx 7$ Quasar J0252+0503. <i>Astrophysical Journal</i> , 2020, 896, 23.	4.5	97
130	IONIZATION NEAR ZONES ASSOCIATED WITH QUASARS AT $z \approx 6$. <i>Astrophysical Journal</i> , 2010, 714, 834-839.	4.5	96
131	An ALMA survey of submillimetre galaxies in the Extended Chandra Deep Field-South: detection of [C ¹⁸ O] at $z = 4.4$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 1066-1074.	4.4	95
132	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
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