

Fabian Walter

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

385
papers

37,257
citations

98
h-index

180
g-index

393
ext. papers

41,578
ext. citations

6.3
avg, IF

6.95
L-index

#	Paper	IF	Citations
385	COLDz: Probing Cosmic Star Formation With Radio Free-Free Emission. <i>Astrophysical Journal</i> , 2022 , 924, 76	4.7	0
384	Deep XMM-Newton Observations of an X-ray Weak Broad Absorption Line Quasar at $z = 6.5$. <i>Astrophysical Journal Letters</i> , 2022 , 924, L25	7.9	0
383	Molecular Gas Properties and CO-to-H ₂ Conversion Factors in the Central Kiloparsec of NGC 3351. <i>Astrophysical Journal</i> , 2022 , 925, 72	4.7	1
382	Microwave background temperature at a redshift of 6.34 from HO absorption.. <i>Nature</i> , 2022 , 602, 58-62	50.4	1
381	ALMA 200 pc Imaging of a $z \sim 7$ Quasar Reveals a Compact, Disk-like Host Galaxy. <i>Astrophysical Journal</i> , 2022 , 927, 21	4.7	1
380	The radio spectral turnover of radio-loud quasars at $z > 5$. <i>Astronomy and Astrophysics</i> , 2022 , 659, A159	5.1	0
379	Physical Constraints on the Extended Interstellar Medium of the $z = 6.42$ Quasar J1148+5251: [C ii]158 μ m, [N ii]205 μ m, and [O i]146 μ m Observations. <i>Astrophysical Journal</i> , 2022 , 927, 152	4.7	1
378	Constraining Galaxy Overdensities around Three $z \sim 6.5$ Quasars with ALMA and MUSE. <i>Astrophysical Journal</i> , 2022 , 927, 141	4.7	1
377	The Decoupled Kinematics of High- z QSO Host Galaxies and Their Ly α Halos. <i>Astrophysical Journal</i> , 2022 , 929, 86	4.7	0
376	Exploring the Radio Spectral Energy Distribution of the Ultraluminous Radio-quiet Quasar SDSS J0100+2802 at Redshift 6.3. <i>Astrophysical Journal</i> , 2022 , 929, 69	4.7	0
375	A dusty compact object bridging galaxies and quasars at cosmic dawn.. <i>Nature</i> , 2022 , 604, 261-265	50.4	2
374	After The Fall: Resolving the Molecular Gas in Post-starburst Galaxies. <i>Astrophysical Journal</i> , 2022 , 929, 154	4.7	2
373	Spatially Resolved Molecular Interstellar Medium in a $z = 6.6$ Quasar Host Galaxy. <i>Astrophysical Journal</i> , 2022 , 930, 27	4.7	0
372	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	4.7	0
371	Looking at the Distant Universe with the MeerKAT Array: Discovery of a Luminous OH Megamaser at $z > 0.5$. <i>Astrophysical Journal Letters</i> , 2022 , 931, L7	7.9	0
370	Probing Early Supermassive Black Hole Growth and Quasar Evolution with Near-infrared Spectroscopy of 37 Reionization-era Quasars at $z \sim 6.3$ <i>Astrophysical Journal</i> , 2021 , 923, 262	4.7	8
369	ALMA Imaging of a Galactic Molecular Outflow in NGC 4945. <i>Astrophysical Journal</i> , 2021 , 923, 83	4.7	4

368	A search for dust and molecular gas in enormous Ly α nebulae at $z \approx 6$. <i>Astronomy and Astrophysics</i> , 2021 , 645, L3	5.1	7
367	A Closer Look at Two of the Most Luminous Quasars in the Universe. <i>Astrophysical Journal</i> , 2021 , 906, 12	4.7	2
366	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	4.3	15
365	Ultrafaint [C ii] Emission in a Redshift = 2 Gravitationally Lensed Metal-poor Dwarf Galaxy. <i>Astrophysical Journal</i> , 2021 , 909, 130	4.7	0
364	Resolving the Radio Emission from the Quasar P172+18 at $z = 6.82$. <i>Astronomical Journal</i> , 2021 , 161, 2074.9	4.9	5
363	Outflows from Super Star Clusters in the Central Starburst of NGC 253. <i>Astrophysical Journal</i> , 2021 , 912, 4	4.7	8
362	The Kinematics of $z \approx 6$ Quasar Host Galaxies. <i>Astrophysical Journal</i> , 2021 , 911, 141	4.7	21
361	The ALMA Spectroscopic Survey in the HUDF: A Search for [C ii] Emitters at $z \approx 6$. <i>Astrophysical Journal</i> , 2021 , 912, 67	4.7	7
360	NOEMA High-fidelity Imaging of the Molecular Gas in and around M82. <i>Astrophysical Journal Letters</i> , 2021 , 915, L3	7.9	4
359	Measuring the Average Molecular Gas Content of Star-forming Galaxies at $z = 3$. <i>Astrophysical Journal</i> , 2021 , 916, 12	4.7	3
358	Random Forests as a Viable Method to Select and Discover High-redshift Quasars. <i>Astronomical Journal</i> , 2021 , 162, 72	4.9	3
357	A Luminous Quasar at Redshift 7.642. <i>Astrophysical Journal Letters</i> , 2021 , 907, L1	7.9	71
356	An Ultradeep Multiband VLA Survey of the Faint Radio Sky (COSMOS-XS): Source Catalog and Number Counts. <i>Astrophysical Journal</i> , 2021 , 907, 5	4.7	8
355	Strong Mg ii and Fe ii Absorbers at $z \approx 2.2$. <i>Astrophysical Journal</i> , 2021 , 906, 32	4.7	4
354	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	4.3	12
353	Revealing the Accretion Physics of Supermassive Black Holes at Redshift $z \sim 7$ with Chandra and Infrared Observations. <i>Astrophysical Journal</i> , 2021 , 908, 53	4.7	16
352	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. <i>Astrophysical Journal</i> , 2021 , 917, 99	4.7	6
351	Measurements of the Dust Properties in $z \approx 1$ Submillimeter Galaxies with ALMA. <i>Astrophysical Journal</i> , 2021 , 919, 30	4.7	5

350	Clustered Star Formation in the Center of NGC 253 Contributes to Driving the Ionized Nuclear Wind. <i>Astrophysical Journal</i> , 2021 , 919, 105	4.7	2
349	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	4.3	80
348	Deceptively cold dust in the massive starburst galaxy GN20 at $z \sim 4$. <i>Astronomy and Astrophysics</i> , 2020 , 634, L14	5.1	25
347	COLDz: A High Space Density of Massive Dusty Starburst Galaxies ~ 1 Billion Years after the Big Bang. <i>Astrophysical Journal</i> , 2020 , 895, 81	4.7	21
346	VLA/ALMA Spectroscopic Survey in the Hubble Ultra Deep Field (VLASPECS): Total Cold Gas Masses and CO Line Ratios for $z = 2$ Main-sequence Galaxies. <i>Astrophysical Journal Letters</i> , 2020 , 896, L21	7.9	28
345	Pīuūna: A Luminous $z = 7.5$ Quasar Hosting a 1.5 Billion Solar Mass Black Hole. <i>Astrophysical Journal Letters</i> , 2020 , 897, L14	7.9	94
344	Probing the Full CO Spectral Line Energy Distribution (SLED) in the Nuclear Region of a Quasar-starburst System at $z = 6.003$. <i>Astrophysical Journal</i> , 2020 , 889, 162	4.7	13
343	A Significantly Neutral Intergalactic Medium Around the Luminous $z = 7$ Quasar J02520503. <i>Astrophysical Journal</i> , 2020 , 896, 23	4.7	42
342	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. <i>Astronomical Journal</i> , 2020 , 159, 190	4.9	19
341	The ALMA Spectroscopic Survey in the HUDF: Deep 1.2 mm Continuum Number Counts. <i>Astrophysical Journal</i> , 2020 , 897, 91	4.7	28
340	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	4.7	14
339	The ALMA Spectroscopic Survey in the HUDF: The Cosmic Dust and Gas Mass Densities in Galaxies up to $z \sim 3$. <i>Astrophysical Journal</i> , 2020 , 892, 66	4.7	27
338	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	4.7	21
337	The Molecular Interstellar Medium in the Super Star Clusters of the Starburst NGC 253. <i>Astrophysical Journal</i> , 2020 , 897, 176	4.7	8
336	No Redshift Evolution in the Broad-line-region Metallicity up to $z = 7.54$: Deep Near-infrared Spectroscopy of ULAS J1342+0928. <i>Astrophysical Journal</i> , 2020 , 898, 105	4.7	21
335	A Comparison of the Stellar, CO, and Dust-continuum Emission from Three Star-forming HUDF Galaxies at $z \sim 2$. <i>Astrophysical Journal</i> , 2020 , 899, 37	4.7	13
334	Detecting and Characterizing Young Quasars. I. Systemic Redshifts and Proximity Zone Measurements. <i>Astrophysical Journal</i> , 2020 , 900, 37	4.7	26
333	The Ionized- and Cool-gas Content of the BR12020725 System as Seen by MUSE and ALMA. <i>Astrophysical Journal</i> , 2020 , 902, 37	4.7	6

332	The Turbulent Gas Structure in the Centers of NGC 253 and the Milky Way. <i>Astrophysical Journal</i> , 2020 , 899, 158	4-7	5
331	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	4-7	29
330	X-Ray Observations of a [C ii]-bright, $z = 6.59$ Quasar/Companion System. <i>Astrophysical Journal</i> , 2020 , 900, 189	4-7	11
329	Ionized and Atomic Interstellar Medium in the $z = 6.003$ Quasar SDSS J2310+1855. <i>Astrophysical Journal</i> , 2020 , 900, 131	4-7	11
328	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	4-7	12
327	The Evolution of the Baryons Associated with Galaxies Averaged over Cosmic Time and Space. <i>Astrophysical Journal</i> , 2020 , 902, 111	4-7	27
326	The ALMA Spectroscopic Survey in the Hubble Ultra Deep Field: CO Excitation and Atomic Carbon in Star-forming Galaxies at $z = 1.8$. <i>Astrophysical Journal</i> , 2020 , 902, 109	4-7	24
325	The ALMA Spectroscopic Survey Large Program: The Infrared Excess of $z \sim 1.5$ UV-selected Galaxies and the Implied High-redshift Star Formation History. <i>Astrophysical Journal</i> , 2020 , 902, 112	4-7	34
324	Probing the Nature of High-redshift Weak Emission Line Quasars: A Young Quasar with a Starburst Host Galaxy. <i>Astrophysical Journal</i> , 2020 , 903, 34	4-7	14
323	The ALMA Spectroscopic Survey in the Hubble Ultra Deep Field: Constraining the Molecular Content at $\log(M^*/M_\odot) \sim 9.5$ with CO Stacking of MUSE-detected $z \sim 1.5$ Galaxies. <i>Astrophysical Journal</i> , 2020 , 902, 113	4-7	6
322	The X-SHOOTER/ALMA Sample of Quasars in the Epoch of Reionization. I. NIR Spectral Modeling, Iron Enrichment, and Broad Emission Line Properties. <i>Astrophysical Journal</i> , 2020 , 905, 51	4-7	24
321	No Evidence for [C ii] Halos or High-velocity Outflows in $z \sim 6$ Quasar Host Galaxies. <i>Astrophysical Journal</i> , 2020 , 904, 131	4-7	20
320	Kiloparsec-scale ALMA Imaging of [C ii] and Dust Continuum Emission of 27 Quasar Host Galaxies at $z \sim 6$. <i>Astrophysical Journal</i> , 2020 , 904, 130	4-7	31
319	Observations of [O I]63 μ m line emission in main-sequence galaxies at $z \sim 1.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 499, 1788-1794	4-3	1
318	The ALPINE-ALMA [CII] survey. <i>Astronomy and Astrophysics</i> , 2020 , 643, A1	5-1	55
317	Modeling Dust and Starlight in Galaxies Observed by Spitzer and Herschel: The KINGFISH Sample. <i>Astrophysical Journal</i> , 2020 , 889, 150	4-7	25
316	Investigating the physical properties of galaxies in the Epoch of Reionization with MIRI/JWST spectroscopy. <i>Astronomy and Astrophysics</i> , 2019 , 629, A9	5-1	2
315	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	4-7	33

314	Star Formation and ISM Properties in the Host Galaxies of Three Far-infrared Luminous Quasars at $z \sim 6$. <i>Astrophysical Journal</i> , 2019 , 876, 99	4-7	16
313	ALMA Reveals Potential Evidence for Spiral Arms, Bars, and Rings in High-redshift Submillimeter Galaxies. <i>Astrophysical Journal</i> , 2019 , 876, 130	4-7	58
312	PHIBSS2: survey design and $z = 0.5$ – 0.8 results. <i>Astronomy and Astrophysics</i> , 2019 , 622, A105	5-1	51
311	Gemini GNIRS Near-infrared Spectroscopy of 50 Quasars at $z \sim 5.7$. <i>Astrophysical Journal</i> , 2019 , 873, 35	4-7	61
310	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	4-7	78
309	400 pc Imaging of a Massive Quasar Host Galaxy at a Redshift of 6.6. <i>Astrophysical Journal Letters</i> , 2019 , 874, L30	7-9	38
308	The Molecular Gas Reservoirs of $z \sim 2$ Galaxies: A Comparison of CO(10) and Dust-based Molecular Gas Masses. <i>Astrophysical Journal</i> , 2019 , 880, 15	4-7	27
307	The $z = 7.54$ Quasar ULAS J1342+0928 Is Hosted by a Galaxy Merger. <i>Astrophysical Journal Letters</i> , 2019 , 881, L23	7-9	23
306	The Atacama Cosmology Telescope: CO($J = 3 \rightarrow 2$) Mapping and Lens Modeling of an ACT-selected Dusty Star-forming Galaxy. <i>Astrophysical Journal</i> , 2019 , 879, 95	4-7	5
305	EMPIRE: The IRAM 30 m Dense Gas Survey of Nearby Galaxies. <i>Astrophysical Journal</i> , 2019 , 880, 127	4-7	39
304	Exploring Reionization-era Quasars. III. Discovery of 16 Quasars at $6.4 < z < 6.9$ with DESI Legacy Imaging Surveys and the UKIRT Hemisphere Survey and Quasar Luminosity Function at $z \sim 6.7$. <i>Astrophysical Journal</i> , 2019 , 884, 30	4-7	58
303	A Metal-poor Damped Ly α System at Redshift 6.4. <i>Astrophysical Journal</i> , 2019 , 885, 59	4-7	22
302	Resolved [C ii] Emission from $z > 6$ Quasar Host Companion Galaxy Pairs. <i>Astrophysical Journal</i> , 2019 , 882, 10	4-7	36
301	ALMA and HST Kiloparsec-scale Imaging of a Quasar-galaxy Merger at $Z \sim 6.2$. <i>Astrophysical Journal</i> , 2019 , 880, 157	4-7	21
300	Far-infrared Properties of the Bright, Gravitationally Lensed Quasar J0439+1634 at $z = 6.5$. <i>Astrophysical Journal</i> , 2019 , 880, 153	4-7	24
299	An ALMA Multiline Survey of the Interstellar Medium of the Redshift 7.5 Quasar Host Galaxy J1342+0928. <i>Astrophysical Journal</i> , 2019 , 881, 63	4-7	40
298	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	4-7	47
297	Ly α Halos around $z \sim 6$ Quasars. <i>Astrophysical Journal</i> , 2019 , 881, 131	4-7	15

296	Spectral Energy Distributions of Companion Galaxies to $z \sim 6$ Quasars. <i>Astrophysical Journal</i> , 2019 , 881, 163	4.7	10
295	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	4.7	45
294	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	4.7	49
293	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	4.7	75
292	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	4.7	32
291	X-Ray Observations of a $z \sim 6.2$ Quasar/Galaxy Merger. <i>Astrophysical Journal</i> , 2019 , 887, 171	4.7	15
290	Massive quasar host galaxies in the reionisation epoch. <i>Proceedings of the International Astronomical Union</i> , 2019 , 15, 127-131	0.1	
289	Resolving the Interstellar Medium in the Nuclear Region of Two $z = 5.78$ Quasar Host Galaxies with ALMA. <i>Astrophysical Journal</i> , 2019 , 887, 40	4.7	13
288	The Molecular Outflow in NGC 253 at a Resolution of Two Parsecs. <i>Astrophysical Journal</i> , 2019 , 881, 43	4.7	27
287	The ALMA Spectroscopic Survey in the HUDF: Constraining Cumulative CO Emission at $1 < z < 4$ with Power Spectrum Analysis of ASPECS LP Data from 84 to 115 GHz. <i>Astrophysical Journal</i> , 2019 , 887, 37	4.7	9
286	The REQUIEM Survey. I. A Search for Extended Ly α Nebular Emission Around 31 $z > 5.7$ Quasars. <i>Astrophysical Journal</i> , 2019 , 887, 196	4.7	36
285	The Discovery of a Gravitationally Lensed Quasar at $z = 6.51$. <i>Astrophysical Journal Letters</i> , 2019 , 870, L11	7.9	41
284	An ALMA [C ii] Survey of 27 Quasars at $z > 5.94$. <i>Astrophysical Journal</i> , 2018 , 854, 97	4.7	143
283	Full-disc $^{13}\text{CO}(10)$ mapping across nearby galaxies of the EMPIRE survey and the CO-to-H $_2$ conversion factor. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 475, 3909-3933	4.3	37
282	Resolving the Powerful Radio-loud Quasar at $z \sim 6$. <i>Astrophysical Journal</i> , 2018 , 861, 86	4.7	14
281	A Powerful Radio-loud Quasar at the End of Cosmic Reionization. <i>Astrophysical Journal Letters</i> , 2018 , 861, L14	7.9	33
280	Chandra X-Rays from the Redshift 7.54 Quasar ULAS J1342+0928. <i>Astrophysical Journal Letters</i> , 2018 , 856, L25	7.9	24
279	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	4.7	53

278	Large-scale Environment of $z=6.61$ Luminous Quasar Probed by Ly α Emitters and Lyman Break Galaxies. <i>Astrophysical Journal</i> , 2018 , 856, 109	4-7	28
277	H I Kinematics along the Minor Axis of M82. <i>Astrophysical Journal</i> , 2018 , 856, 61	4-7	24
276	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	50-4	484
275	The Discovery of a Luminous Broad Absorption Line Quasar at a Redshift of 7.02. <i>Astrophysical Journal Letters</i> , 2018 , 869, L9	7-9	51
274	A High-resolution Mosaic of the Neutral Hydrogen in the M81 Triplet. <i>Astrophysical Journal</i> , 2018 , 865, 26	4-7	28
273	No Evidence for Enhanced [O III] λ 8446 Emission in a $z \sim 6$ Quasar Compared to Its Companion Starbursting Galaxy. <i>Astrophysical Journal Letters</i> , 2018 , 869, L22	7-9	33
272	Quantitative Constraints on the Reionization History from the IGM Damping Wing Signature in Two Quasars at $z > 7$. <i>Astrophysical Journal</i> , 2018 , 864, 142	4-7	128
271	Dust Emission in an Accretion-rate-limited Sample of $z \sim 6$ Quasars. <i>Astrophysical Journal</i> , 2018 , 866, 159	4-7	54
270	Forming Super Star Clusters in the Central Starburst of NGC 253. <i>Astrophysical Journal</i> , 2018 , 869, 126	4-7	46
269	No Evidence for Millimeter Continuum Source Overdensities in the Environments of $z \sim 6$ Quasars. <i>Astrophysical Journal</i> , 2018 , 867, 153	4-7	16
268	Spatially Resolved $^{12}\text{CO}(2\rightarrow 1)/^{12}\text{CO}(1\rightarrow 0)$ in the Starburst Galaxy NGC 253: Assessing Optical Depth to Constrain the Molecular Mass Outflow Rate. <i>Astrophysical Journal</i> , 2018 , 867, 111	4-7	17
267	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	4-3	75
266	Predicting Quasar Continua near Ly α with Principal Component Analysis. <i>Astrophysical Journal</i> , 2018 , 864, 143	4-7	34
265	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	4-7	56
264	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	4-7	52
263	Dense Gas, Dynamical Equilibrium Pressure, and Star Formation in Nearby Star-forming Galaxies. <i>Astrophysical Journal</i> , 2018 , 858, 90	4-7	52
262	PHIBSS: Unified Scaling Relations of Gas Depletion Time and Molecular Gas Fractions. <i>Astrophysical Journal</i> , 2018 , 853, 179	4-7	332
261	Smooth H I Low Column Density Outskirts in Nearby Galaxies. <i>Astronomical Journal</i> , 2018 , 155, 233	4-9	7

260	Physical Properties of Molecular Clouds at 2 pc Resolution in the Low-metallicity Dwarf Galaxy NGC 6822 and the Milky Way. <i>Astrophysical Journal</i> , 2017 , 835, 278	4.7	50
259	An ALMA Survey of Submillimeter Galaxies in the Extended Chandra Deep Field South: Spectroscopic Redshifts. <i>Astrophysical Journal</i> , 2017 , 840, 78	4.7	74
258	Milliarcsecond Imaging of the Radio Emission from the Quasar with the Most Massive Black Hole at Reionization. <i>Astrophysical Journal Letters</i> , 2017 , 835, L20	7.9	8
257	Rapidly star-forming galaxies adjacent to quasars at redshifts exceeding 6. <i>Nature</i> , 2017 , 545, 457-461	50.4	117
256	The Compact, ~1 kpc Host Galaxy of a Quasar at a Redshift of 7.1. <i>Astrophysical Journal</i> , 2017 , 837, 146	4.7	63
255	THE SPATIALLY RESOLVED C II COOLING LINE DEFICIT IN GALAXIES. <i>Astrophysical Journal</i> , 2017 , 834, 5	4.7	65
254	Mg ii Absorption at $z \sim 2$. <i>Astrophysical Journal</i> , 2017 , 850, 188	4.7	26
253	NO OVERDENSITY OF LYMAN-ALPHA EMITTING GALAXIES AROUND A QUASAR AT $z \sim 5.7$. <i>Astrophysical Journal</i> , 2017 , 834, 83	4.7	36
252	Gas Dynamics of a Luminous $z = 6.13$ Quasar ULAS J1319+0950 Revealed by ALMA High-resolution Observations. <i>Astrophysical Journal</i> , 2017 , 845, 138	4.7	36
251	Large turbulent reservoirs of cold molecular gas around high-redshift starburst galaxies. <i>Nature</i> , 2017 , 548, 430-433	50.4	49
250	Dense Molecular Gas Tracers in the Outflow of the Starburst Galaxy NGC 253. <i>Astrophysical Journal</i> , 2017 , 835, 265	4.7	63
249	Copious Amounts of Dust and Gas in a $z = 7.5$ Quasar Host Galaxy. <i>Astrophysical Journal Letters</i> , 2017 , 851, L8	7.9	82
248	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	4.7	52
247	The Survey of Water and Ammonia in the Galactic Center (SWAG): Molecular Cloud Evolution in the Central Molecular Zone. <i>Astrophysical Journal</i> , 2017 , 850, 77	4.7	50
246	A 33 GHz Survey of Local Major Mergers: Estimating the Sizes of the Energetically Dominant Regions from High-resolution Measurements of the Radio Continuum. <i>Astrophysical Journal</i> , 2017 , 843, 117	4.7	28
245	ALMA Resolves the Nuclear Disks of Arp 220. <i>Astrophysical Journal</i> , 2017 , 836, 66	4.7	70
244	The EDGE-CALIFA Survey: Interferometric Observations of 126 Galaxies with CARMA. <i>Astrophysical Journal</i> , 2017 , 846, 159	4.7	84
243	Deep CO(10) Observations of $z = 1.62$ Cluster Galaxies with Substantial Molecular Gas Reservoirs and Normal Star Formation Efficiencies. <i>Astrophysical Journal</i> , 2017 , 849, 27	4.7	40

242	Dynamical Characterization of Galaxies at $z \sim 4.8$ via Tilted Ring Fitting to ALMA [C ii] Observations. <i>Astrophysical Journal</i> , 2017 , 850, 180	4-7	39
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107	OBSERVATIONAL EVIDENCE AGAINST LONG-LIVED SPIRAL ARMS IN GALAXIES. <i>Astrophysical Journal</i> , 2011 , 735, 101	4.7	62
106	WATER VAPOR EMISSION REVEALS A HIGHLY OBSCURED, STAR-FORMING NUCLEAR REGION IN THE QSO HOST GALAXY APM 08279+5255 AT $z = 3.9$. <i>Astrophysical Journal Letters</i> , 2011 , 741, L38	7.9	45
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102	A MOLECULAR EINSTEIN RING TOWARD THE $z = 3.93$ SUBMILLIMETER GALAXY MM18423+5938. <i>Astrophysical Journal Letters</i> , 2011 , 739, L30	7.9	12
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