

# Pascal A Oesch

## List of Publications by Year in descending order

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175  
papers

19,395  
citations

8755

75  
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11308

136  
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175  
docs citations

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times ranked

5222  
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#	ARTICLE	IF	CITATIONS
1	MASS AND ENVIRONMENT AS DRIVERS OF GALAXY EVOLUTION IN SDSS AND zCOSMOS AND THE ORIGIN OF THE SCHECHTER FUNCTION. <i>Astrophysical Journal</i> , 2010, 721, 193-221.	4.5	1,485
2	UV LUMINOSITY FUNCTIONS AT REDSHIFTS $z \sim 4$ TO $z \sim 10$ : 10,000 GALAXIES FROM HST LEGACY FIELDS. <i>Astrophysical Journal</i> , 2015, 803, 34.	4.5	980
3	3D-HST WFC3-SELECTED PHOTOMETRIC CATALOGS IN THE FIVE CANDELS/3D-HST FIELDS: PHOTOMETRY, PHOTOMETRIC REDSHIFTS, AND STELLAR MASSES. <i>Astrophysical Journal</i> , Supplement Series, 2014, 214, 24.	7.7	728
4	THE 3D-HST SURVEY: HUBBLE SPACE TELESCOPE WFC3/G141 GRISM SPECTRA, REDSHIFTS, AND EMISSION LINE MEASUREMENTS FOR $\sim 100,000$ GALAXIES. <i>Astrophysical Journal</i> , Supplement Series, 2016, 225, 27.	7.7	513
5	ULTRAVIOLET LUMINOSITY FUNCTIONS FROM $132 < z > \sim 7$ AND $< z > \sim 8$ LYMAN-BREAK GALAXIES IN THE ULTRA-DEEP HUDF09 AND WIDE-AREA EARLY RELEASE SCIENCE WFC3/IR OBSERVATIONS. <i>Astrophysical Journal</i> , 2011, 737, 90.	4.5	496
6	THE zCOSMOS 10k-BRIGHT SPECTROSCOPIC SAMPLE. <i>Astrophysical Journal</i> , Supplement Series, 2009, 184, 218-229.	7.7	481
7	UV-CONTINUUM SLOPES AT $z \sim 4-7$ FROM THE HUDF09+ERS+CANDELS OBSERVATIONS: DISCOVERY OF A WELL-DEFINED UV COLOR-MAGNITUDE RELATIONSHIP FOR $z \sim 4$ STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2012, 754, 83.	4.5	383
8	A REMARKABLY LUMINOUS GALAXY AT $z = 11.1$ MEASURED WITH HUBBLE SPACE TELESCOPE GRISM SPECTROSCOPY. <i>Astrophysical Journal</i> , 2016, 819, 129.	4.5	345
9	UV-CONTINUUM SLOPES OF $> 4000 < z > \sim 4-8$ GALAXIES FROM THE HUDF/XDF, HUDF09, ERS, CANDELS-SOUTH, AND CANDELS-NORTH FIELDS. <i>Astrophysical Journal</i> , 2014, 793, 115.	4.5	324
10	REIONIZATION AFTER PLANCK: THE DERIVED GROWTH OF THE COSMIC IONIZING EMISSION NOW MATCHES THE GROWTH OF THE GALAXY UV LUMINOSITY DENSITY. <i>Astrophysical Journal</i> , 2015, 811, 140.	4.5	323
11	DISCOVERY OF $z \sim 8$ GALAXIES IN THE HUBBLE ULTRA DEEP FIELD FROM ULTRA-DEEP WFC3/IR OBSERVATIONS. <i>Astrophysical Journal Letters</i> , 2010, 709, L133-L137.	8.3	310
12	The Dearth of $z \sim 10$ Galaxies in All HST Legacy Fields – The Rapid Evolution of the Galaxy Population in the First 500 Myr*. <i>Astrophysical Journal</i> , 2018, 855, 105.	4.5	273
13	A candidate redshift $z \sim 10$ galaxy and rapid changes in that population at an age of 500 Myr. <i>Nature</i> , 2011, 469, 504-507.	27.8	265
14	$\text{Ly}\alpha$ and $\text{C}\text{III}]$ emission in $z \sim 7-9$ Galaxies: accelerated reionization around luminous star-forming systems?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 469-479.	4.4	264
15	THE MOST LUMINOUS $z \sim 9-10$ GALAXY CANDIDATES YET FOUND: THE LUMINOSITY FUNCTION, COSMIC STAR-FORMATION RATE, AND THE FIRST MASS DENSITY ESTIMATE AT 500 Myr. <i>Astrophysical Journal</i> , 2014, 786, 108.	4.5	257
16	ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: THE INFRARED EXCESS OF UV-SELECTED $z \sim 10$ GALAXIES AS A FUNCTION OF UV-CONTINUUM SLOPE AND STELLAR MASS. <i>Astrophysical Journal</i> , 2016, 833, 72.	4.5	243
17	FORMING COMPACT MASSIVE GALAXIES. <i>Astrophysical Journal</i> , 2015, 813, 23.	4.5	240
18	$z \sim 7$ GALAXIES IN THE HUDF: FIRST EPOCH WFC3/IR RESULTS. <i>Astrophysical Journal Letters</i> , 2010, 709, L16-L20.	8.3	233

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19	PROBING THE DAWN OF GALAXIES AT $z \sim 9$ -12: NEW CONSTRAINTS FROM HUDF12/XDF AND CANDELS DATA. <i>Astrophysical Journal</i> , 2013, 773, 75.	4.5	230
20	THE <i>HST</i> EXTREME DEEP FIELD (XDF): COMBINING ALL ACS AND WFC3/IR DATA ON THE HUDF REGION INTO THE DEEPEST FIELD EVER. <i>Astrophysical Journal</i> , Supplement Series, 2013, 209, 6.	7.7	226
21	LOWER-LUMINOSITY GALAXIES COULD REIONIZE THE UNIVERSE: VERY STEEP FAINT-END SLOPES TO THE <i>UV</i> LUMINOSITY FUNCTIONS AT $z \sim 5$ -8 FROM THE HUDF09 WFC3/IR OBSERVATIONS. <i>Astrophysical Journal Letters</i> , 2012, 752, L5.	8.3	224
22	THE SPECTRAL ENERGY DISTRIBUTIONS OF $z \sim 8$ GALAXIES FROM THE IRAC ULTRA DEEP FIELDS: EMISSION LINES, STELLAR MASSES, AND SPECIFIC STAR FORMATION RATES AT 650 MYR. <i>Astrophysical Journal Letters</i> , 2013, 777, L19.	8.3	220
23	STRUCTURE AND MORPHOLOGIES OF $z \sim 7$ -8 GALAXIES FROM ULTRA-DEEP WFC3/IR IMAGING OF THE HUBBLE ULTRA-DEEP FIELD. <i>Astrophysical Journal Letters</i> , 2010, 709, L21-L25.	8.3	206
24	VERY BLUE UV-CONTINUUM SLOPE $\beta$ OF LOW LUMINOSITY $z \sim 7$ GALAXIES FROM WFC3/IR: EVIDENCE FOR EXTREMELY LOW METALLICITIES?. <i>Astrophysical Journal Letters</i> , 2010, 708, L69-L73.	8.3	201
25	The $z \sim 6$ Luminosity Function Fainter than $\sim 15$ mag from the Hubble Frontier Fields: The Impact of Magnification Uncertainties. <i>Astrophysical Journal</i> , 2017, 843, 129.	4.5	201
26	$\text{Ly } \alpha$ EMISSION FROM A LUMINOUS $z = 8.68$ GALAXY: IMPLICATIONS FOR GALAXIES AS TRACERS OF COSMIC REIONIZATION. <i>Astrophysical Journal Letters</i> , 2015, 810, L12.	8.3	196
27	$z \sim 7$ GALAXIES WITH RED SPITZER/IRAC $[3.6] - [4.5]$ COLORS IN THE FULL CANDELS DATA SET: THE BRIGHTEST-KNOWN GALAXIES AT $z \sim 7$ AND A PROBABLE SPECTROSCOPIC CONFIRMATION AT $z = 7.48$ . <i>Astrophysical Journal</i> , 2016, 823, 143.	4.5	184
28	A SPECTROSCOPIC REDSHIFT MEASUREMENT FOR A LUMINOUS LYMAN BREAK GALAXY AT $z = 7.730$ USING KECK/MOSFIRE. <i>Astrophysical Journal Letters</i> , 2015, 804, L30.	8.3	180
29	ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: SURVEY DESCRIPTION. <i>Astrophysical Journal</i> , 2016, 833, 67.	4.5	172
30	A massive, quiescent galaxy at a redshift of 3.717. <i>Nature</i> , 2017, 544, 71-74.	27.8	167
31	WHERE STARS FORM: INSIDE-OUT GROWTH AND COHERENT STAR FORMATION FROM HST $\text{H}\alpha$ MAPS OF 3200 GALAXIES ACROSS THE MAIN SEQUENCE AT $0.7 < z < 1.5$ . <i>Astrophysical Journal</i> , 2016, 828, 27.	4.5	166
32	Rapid Reionization by the Oligarchs: The Case for Massive, UV-bright, Star-forming Galaxies with High Escape Fractions. <i>Astrophysical Journal</i> , 2020, 892, 109.	4.5	166
33	New Determinations of the UV Luminosity Functions from $z \sim 9$ to 2 Show a Remarkable Consistency with Halo Growth and a Constant Star Formation Efficiency. <i>Astronomical Journal</i> , 2021, 162, 47.	4.7	166
34	Big Three Dragons: A $z = 7.15$ Lyman-break galaxy detected in $[O\text{III}]\lambda 8446$ , $[C\text{II}]\lambda 1583$ , and dust continuum with ALMA. <i>Publication of the Astronomical Society of Japan</i> , 2019, 71, .	2.5	162
35	STAR FORMATION RATES AND STELLAR MASSES OF $z \sim 7$ GALAXIES FROM IRAC OBSERVATIONS OF THE WFC3/IR EARLY RELEASE SCIENCE AND THE HUDF FIELDS. <i>Astrophysical Journal Letters</i> , 2010, 716, L103-L108.	8.3	161
36	THE RISE AND FALL OF PASSIVE DISK GALAXIES: MORPHOLOGICAL EVOLUTION ALONG THE RED SEQUENCE REVEALED BY COSMOS. <i>Astrophysical Journal</i> , 2010, 719, 1969-1983.	4.5	159

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37	The HDUV Survey: A Revised Assessment of the Relationship between UV Slope and Dust Attenuation for High-redshift Galaxies. <i>Astrophysical Journal</i> , 2018, 853, 56.	4.5	148
38	HIGH-PRECISION PHOTOMETRIC REDSHIFTS FROM <i>SPITZER</i> /IRAC: EXTREME [3.6] $\hat{=}$ [4.5] COLORS IDENTIFY GALAXIES IN THE REDSHIFT RANGE $z \hat{=} 6.6 \hat{=}$ 6.9. <i>Astrophysical Journal</i> , 2015, 801, 122.	4.5	147
39	Rotation in [C ii]-emitting gas in two galaxies at a redshift of 6.8. <i>Nature</i> , 2018, 553, 178-181.	27.8	143
40	THE BRIGHTEST OF REIONIZING GALAXIES SURVEY: CONSTRAINTS ON THE BRIGHT END OF THE $z \hat{=} 8$ LUMINOSITY FUNCTION. <i>Astrophysical Journal</i> , 2012, 760, 108.	4.5	142
41	THE LYMAN-CONTINUUM PHOTON PRODUCTION EFFICIENCY $\hat{=} \frac{3}{4} \langle \text{ION} \rangle$ OF $z \hat{=} 4 \hat{=}$ 5 GALAXIES FROM IRAC-BASED $\text{H I} \pm$ MEASUREMENTS: IMPLICATIONS FOR THE ESCAPE FRACTION AND COSMIC REIONIZATION. <i>Astrophysical Journal</i> , 2016, 831, 176.	4.5	142
42	RELICS: Reionization Lensing Cluster Survey. <i>Astrophysical Journal</i> , 2019, 884, 85.	4.5	141
43	The ALPINE-ALMA [CII] survey: Data processing, catalogs, and statistical source properties. <i>Astronomy and Astrophysics</i> , 2020, 643, A2.	5.1	136
44	THE STAR FORMATION RATE FUNCTION FOR REDSHIFT $z \hat{=} 4\text{--}7$ GALAXIES: EVIDENCE FOR A UNIFORM BUILDUP OF STAR-FORMING GALAXIES DURING THE FIRST 3 Gyr OF COSMIC TIME. <i>Astrophysical Journal</i> , 2012, 756, 14.	4.5	129
45	ULTRADEEP INFRARED ARRAY CAMERA OBSERVATIONS OF SUB- $L^*$ $z \hat{=} 7$ AND $z \hat{=} 8$ GALAXIES IN THE HUBBLE ULTRA DEEP FIELD: THE CONTRIBUTION OF LOW-LUMINOSITY GALAXIES TO THE STELLAR MASS DENSITY AND REIONIZATION. <i>Astrophysical Journal Letters</i> , 2010, 708, L26-L31.	8.3	128
46	The ALPINE-ALMA [CII] survey. <i>Astronomy and Astrophysics</i> , 2020, 643, A1.	5.1	125
47	Precision photometric redshift calibration for galaxy-galaxy weak lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 781-806.	4.4	121
48	THE BRIGHT END OF THE ULTRAVIOLET LUMINOSITY FUNCTION AT $z \hat{=} 8$ : NEW CONSTRAINTS FROM CANDELS DATA IN GOODS-SOUTH. <i>Astrophysical Journal</i> , 2012, 759, 135.	4.5	116
49	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
50	The ALPINE-ALMA [CII] survey. <i>Astronomy and Astrophysics</i> , 2020, 643, A8.	5.1	113
51	THE EVOLUTION OF THE ULTRAVIOLET LUMINOSITY FUNCTION FROM $z \hat{=} 0.75$ TO $z \hat{=} 2.5$ USING <i>HST</i> WFC3/UVIS OBSERVATIONS. <i>Astrophysical Journal Letters</i> , 2010, 725, L150-L155.	8.3	112
52	THE LUMINOSITY FUNCTION AT $z \hat{=} 8$ FROM 97 $\gamma$ -BAND DROPOUTS: INFERENCES ABOUT REIONIZATION. <i>Astrophysical Journal</i> , 2014, 786, 57.	4.5	112
53	DENSE CORES IN GALAXIES OUT TO $z = 2.5$ IN SDSS, UltraVISTA, AND THE FIVE 3D-HST/CANDELS FIELDS. <i>Astrophysical Journal</i> , 2014, 791, 45.	4.5	111
54	THE BRIGHT END OF THE $z \hat{=} 9$ AND $z \hat{=} 10$ UV LUMINOSITY FUNCTIONS USING ALL FIVE CANDELS FIELDS. <i>Astrophysical Journal</i> , 2016, 830, 67.	4.5	110

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55	FIRST FRONTIER FIELD CONSTRAINTS ON THE COSMIC STAR FORMATION RATE DENSITY AT $z \sim 10$ – THE IMPACT OF LENSING SHEAR ON COMPLETENESS OF HIGH-REDSHIFT GALAXY SAMPLES. <i>Astrophysical Journal</i> , 2015, 808, 104.	4.5	104
56	SLOW EVOLUTION OF THE SPECIFIC STAR FORMATION RATE AT $z > 2$ : THE IMPACT OF DUST, EMISSION LINES, AND A RISING STAR FORMATION HISTORY. <i>Astrophysical Journal</i> , 2014, 781, 34.	4.5	101
57	The ALPINE – ALMA [C ii] Survey: Multiwavelength Ancillary Data and Basic Physical Measurements. <i>Astrophysical Journal</i> , Supplement Series, 2020, 247, 61.	7.7	99
58	EXPANDED SEARCH FOR $z \sim 10$ GALAXIES FROM HUDF09, ERS, AND CANDELS DATA: EVIDENCE FOR ACCELERATED EVOLUTION AT $z > 8$ ?. <i>Astrophysical Journal</i> , 2012, 745, 110.	4.5	98
59	CONFIRMATION OF THE COMPACTNESS OF A $z = 1.91$ QUIESCENT GALAXY WITH <i>HUBBLE SPACE TELESCOPE</i> ’S WIDE FIELD CAMERA 3. <i>Astrophysical Journal Letters</i> , 2010, 714, L244-L248.	8.3	97
60	THE STELLAR MASS STRUCTURE OF MASSIVE GALAXIES FROM $z = 0$ TO $z = 2.5$ : SURFACE DENSITY PROFILES AND HALF-MASS RADII. <i>Astrophysical Journal</i> , 2013, 763, 73.	4.5	97
61	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
62	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.	4.5	94
63	THE X-RAY STAR FORMATION STORY AS TOLD BY LYMAN BREAK GALAXIES IN THE 4 Ms CDF-S. <i>Astrophysical Journal</i> , 2013, 762, 45.	4.5	90
64	The GREATS $H\alpha$ + $[O\text{III}]$ luminosity function and galaxy properties at $z \sim 8$ : walking the way of JWST. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 2355-2366.	4.4	90
65	THE zCOSMOS 20k GROUP CATALOG. <i>Astrophysical Journal</i> , 2012, 753, 121.	4.5	88
66	GAS FRACTION AND DEPLETION TIME OF MASSIVE STAR-FORMING GALAXIES AT $z \sim 3.2$ : NO CHANGE IN GLOBAL STAR FORMATION PROCESS OUT TO $z \sim 3$ . <i>Astrophysical Journal</i> , 2016, 833, 112.	4.5	87
67	The ALPINE-ALMA [C ii] survey. <i>Astronomy and Astrophysics</i> , 2020, 643, A3.	5.1	86
68	The UDF05 Follow-up of the Hubble Ultra Deep Field. I. The Faint-end Slope of the Lyman Break Galaxy Population at $z \sim 5$ . <i>Astrophysical Journal</i> , 2007, 671, 1212-1226.	4.5	85
69	Automated Mining of the ALMA Archive in the COSMOS Field ( $A_{3 < \text{COSMOS}$ ). II. Cold Molecular Gas Evolution out to Redshift 6. <i>Astrophysical Journal</i> , 2019, 887, 235.	4.5	85
70	THE EVOLUTION OF MASS-SIZE RELATION FOR LYMAN BREAK GALAXIES FROM $z = 1$ to $z = 7$ . <i>Astrophysical Journal Letters</i> , 2012, 756, L12.	8.3	83
71	THE ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: SEARCH FOR [ ] LINE AND DUST EMISSION IN 6 < &lt; 8 GALAXIES. <i>Astrophysical Journal</i> , 2016, 833, 71.	4.5	83
72	An empirical model for the galaxy luminosity and star formation rate function at high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 2101-2109.	4.4	82

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73	THE UDF05 FOLLOW-UP OF THE HUBBLE ULTRA DEEP FIELD. II. CONSTRAINTS ON REIONIZATION FROM $z \sim 6$ -DROPOUT GALAXIES. <i>Astrophysical Journal</i> , 2009, 690, 1350-1357.	4.5	80
74	The Brightest $z \sim 8$ Galaxies over the COSMOS UltraVISTA Field. <i>Astrophysical Journal</i> , 2019, 883, 99.	4.5	77
75	Reionization Era Bright Emission Line Survey: Selection and Characterization of Luminous Interstellar Medium Reservoirs in the $z \sim 6.5$ Universe. <i>Astrophysical Journal</i> , 2022, 931, 160.	4.5	77
76	MEASUREMENT OF GALAXY CLUSTERING AT $z \sim 7.2$ AND THE EVOLUTION OF GALAXY BIAS FROM 3.8 <math>z < 8</math> IN THE XDF, GOODS-S, AND GOODS-N. <i>Astrophysical Journal</i> , 2014, 793, 17.	4.5	76
77	OBSERVATIONS OF ENVIRONMENTAL QUENCHING IN GROUPS IN THE 11 Gyr SINCE $z = 2.5$ : DIFFERENT QUENCHING FOR CENTRAL AND SATELLITE GALAXIES. <i>Astrophysical Journal</i> , 2014, 789, 164.	4.5	74
78	Galaxy Stellar Mass Functions from $z \sim 10$ to $z \sim 6$ using the Deepest Spitzer/Infrared Array Camera Data: No Significant Evolution in the Stellar-to-halo Mass Ratio of Galaxies in the First Gigayear of Cosmic Time. <i>Astrophysical Journal</i> , 2021, 922, 29.	4.5	74
79	The Evolution of the Baryons Associated with Galaxies Averaged over Cosmic Time and Space. <i>Astrophysical Journal</i> , 2020, 902, 111.	4.5	73
80	Extremely Small Sizes for Faint $z \sim 8$ Galaxies in the Hubble Frontier Fields: A Key Input for Establishing Their Volume Density and UV Emissivity. <i>Astrophysical Journal</i> , 2017, 843, 41.	4.5	71
81	Normal, dust-obscured galaxies in the epoch of reionization. <i>Nature</i> , 2021, 597, 489-492.	27.8	71
82	THE BUILDUP OF THE HUBBLE SEQUENCE IN THE COSMOS FIELD. <i>Astrophysical Journal Letters</i> , 2010, 714, L47-L51.	8.3	70
83	Discovery of a Dark, Massive, ALMA-only Galaxy at $z \sim 6$ in a Tiny 3 mm Survey. <i>Astrophysical Journal</i> , 2019, 884, 154.	4.5	70
84	ULTRADEEP IRAC IMAGING OVER THE HUDF AND GOODS-SOUTH: SURVEY DESIGN AND IMAGING DATA RELEASE. <i>Astrophysical Journal, Supplement Series</i> , 2015, 221, 23.	7.7	69
85	THE SIZES OF CANDIDATE GALAXIES $z \sim 9-10$ : CONFIRMATION OF THE BRIGHT CANDELS SAMPLE AND RELATION WITH LUMINOSITY AND MASS. <i>Astrophysical Journal</i> , 2015, 808, 6.	4.5	69
86	The ALPINE-ALMA [CII] survey. <i>Astronomy and Astrophysics</i> , 2020, 643, A4.	5.1	69
87	INFERRED $H\alpha$ FLUX AS A STAR FORMATION RATE INDICATOR AT $z \sim 5$ : IMPLICATIONS FOR DUST PROPERTIES, BURSTINESS, AND THE $z \sim 8$ STAR FORMATION RATE FUNCTIONS. <i>Astrophysical Journal</i> , 2016, 833, 254.	4.5	66
88	Spectroscopic Constraints on UV Metal Line Emission at $z \sim 6-9$ The Nature of Ly $\alpha$ Emitting Galaxies in the Reionization-Era. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	65
89	Newly Discovered Bright $z \sim 9-10$ Galaxies and Improved Constraints on Their Prevalence Using the Full CANDELS Area. <i>Astrophysical Journal</i> , 2019, 880, 25.	4.5	65
90	HFF-DeepSpace Photometric Catalogs of the 12 Hubble Frontier Fields, Clusters, and Parallels: Photometry, Photometric Redshifts, and Stellar Masses. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 14.	7.7	63



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91	The synchrony of production and escape: half the bright Ly $\alpha$ emitters at $z \sim 2$ have Lyman continuum escape fractions $\sim 50$ . Monthly Notices of the Royal Astronomical Society, 2022, 510, 4582-4607.	4.4	63
92	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
93	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
94	The Bright-end Galaxy Candidates at $z \sim 9$ from 79 Independent HST Fields. Astrophysical Journal, 2018, 867, 150.	4.5	60
95	The ALMA REBELS survey: the dust content of $z \sim 7$ Lyman break galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 512, 989-1002.	4.4	60
96	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
97	THE REST-FRAME UV-TO-OPTICAL COLORS AND SPECTRAL ENERGY DISTRIBUTIONS OF $z \sim 4-7$ GALAXIES. Astrophysical Journal, 2012, 755, 148.	4.5	58
98	A TENTATIVE DETECTION OF AN EMISSION LINE AT 1.6 $\mu$ m FOR THE $z \sim 12$ CANDIDATE UDFj-39546284. Astrophysical Journal Letters, 2013, 765, L2.	8.3	58
99	RELICS: The Reionization Lensing Cluster Survey and the Brightest High- $z$ Galaxies. Astrophysical Journal, 2020, 889, 189.	4.5	58
100	RELICS: A Candidate $z \sim 10$ Galaxy Strongly Lensed into a Spatially Resolved Arc. Astrophysical Journal Letters, 2018, 864, L22.	8.3	57
101	The BUFFALO HST Survey. Astrophysical Journal, Supplement Series, 2020, 247, 64.	7.7	57
102	A low Lyman Continuum escape fraction of $\sim 10\%$ for extreme [OIII] emitters in an overdensity at $z \sim 3.5$ . Monthly Notices of the Royal Astronomical Society, 2018, 478, 791-799.	4.4	56
103	RELICS: Strong Lens Models for Five Galaxy Clusters from the Reionization Lensing Cluster Survey. Astrophysical Journal, 2018, 859, 159.	4.5	55
104	The ALPINE-ALMA [CII] survey. Astronomy and Astrophysics, 2020, 643, A5.	5.1	55
105	Automated Mining of the ALMA Archive in the COSMOS Field (ALMA COSMOS). I. Robust ALMA Continuum Photometry Catalogs and Stellar Mass and Star Formation Properties for $\sim 700$ Galaxies at $z \sim 0.5-6$ . Astrophysical Journal, Supplement Series, 2019, 244, 40.	7.7	54
106	Early- and late-stage mergers among main sequence and starburst galaxies at $0.2 \leq z \leq 2$ . Monthly Notices of the Royal Astronomical Society, 2019, 485, 5631-5651.	4.4	54
107	The Rest-frame Optical (900 nm) Galaxy Luminosity Function at $z \sim 4-7$ : Abundance Matching Points to Limited Evolution in the $M_{\text{STAR}}/M_{\text{HALO}}$ Ratio at $z \sim 4$ . Astrophysical Journal, 2017, 843, 36.	4.5	53
108	ALMA characterizes the dust temperature of $z \sim 5.5$ star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 498, 4192-4204.	4.4	53

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109	ACTIVE AND PASSIVE GALAXIES AT $z \sim 2$ : REST-FRAME OPTICAL MORPHOLOGIES WITH WFC3. <i>Astrophysical Journal</i> , 2011, 743, 146.	4.5	52
110	The dust attenuation of star-forming galaxies at $z \sim 3$ and beyond: New insights from ALMA observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 483-490.	4.4	51
111	A REST-FRAME OPTICAL VIEW ON $z \sim 4$ GALAXIES. I. COLOR AND AGE DISTRIBUTIONS FROM DEEP IRAC PHOTOMETRY OF THE IUDF10 AND GOODS SURVEYS. <i>Astrophysical Journal</i> , 2013, 772, 136.	4.5	50
112	Quantifying the UV-continuum slopes of galaxies to $z \sim 10$ using deep <i>Hubble</i> + <i>Spitzer</i> / IRAC observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 659-667.	4.4	49
113	The Hubble Legacy Field GOODS-S Photometric Catalog. <i>Astrophysical Journal</i> , Supplement Series, 2019, 244, 16.	7.7	47
114	Mean $H\beta + [N\text{II}] + [S\text{II}]$ EW inferred for star-forming galaxies at $z \sim 5.1 \pm 5.4$ using high-quality <i>Spitzer</i> / IRAC photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 3886-3895.	4.4	46
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