

# Mark Dickinson

## List of Publications by Citations

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48  
papers

8,796  
citations

30  
h-index

48  
g-index

48  
ext. papers

10,261  
ext. citations

6.4  
avg, IF

6.08  
L-index

#	Paper	IF	Citations
48	Cosmic Star-Formation History. <i>Annual Review of Astronomy and Astrophysics</i> , <b>2014</b> , 52, 415-486	31.7	1949
47	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , <b>2011</b> , 197, 35	8	1279
46	CANDELS: THE COSMIC ASSEMBLY NEAR-INFRARED DEEP EXTRAGALACTIC LEGACY SURVEY—THE HUBBLE SPACE TELESCOPE OBSERVATIONS, IMAGING DATA PRODUCTS, AND MOSAICS. <i>Astrophysical Journal, Supplement Series</i> , <b>2011</b> , 197, 36	8	1257
45	The Stellar Populations and Evolution of Lyman Break Galaxies. <i>Astrophysical Journal</i> , <b>2001</b> , 559, 620-653	4.7	437
44	THE EVOLUTION OF THE GALAXY REST-FRAME ULTRAVIOLET LUMINOSITY FUNCTION OVER THE FIRST TWO BILLION YEARS. <i>Astrophysical Journal</i> , <b>2015</b> , 810, 71	4.7	396
43	Overview of the DESI Legacy Imaging Surveys. <i>Astronomical Journal</i> , <b>2019</b> , 157, 168	4.9	363
42	SPECTROSCOPIC CONFIRMATION OF THREE $z$ -DROPOUT GALAXIES AT $z = 6.844-7.213$ : DEMOGRAPHICS OF $Ly\alpha$ -EMISSION IN $\sim 7$ GALAXIES. <i>Astrophysical Journal</i> , <b>2012</b> , 744, 83	4.7	294
41	The Hubble Deep Field-North SCUBA Super-map - IV. Characterizing submillimetre galaxies using deep Spitzer imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2006</b> , 370, 1185-1207	4.3	289
40	CANDELS: THE EVOLUTION OF GALAXY REST-FRAME ULTRAVIOLET COLORS FROM $z = 8$ TO 4. <i>Astrophysical Journal</i> , <b>2012</b> , 756, 164	4.7	218
39	THE RELATION BETWEEN STAR FORMATION RATE AND STELLAR MASS FOR GALAXIES AT $3.5 < z < 6.5$ IN CANDELS. <i>Astrophysical Journal</i> , <b>2015</b> , 799, 183	4.7	212
38	The intense starburst HDF 850.1 in a galaxy overdensity at $z \approx 5.2$ in the Hubble Deep Field. <i>Nature</i> , <b>2012</b> , 486, 233-6	50.4	190
37	THE EVOLUTION OF THE GALAXY STELLAR MASS FUNCTION AT $z = 4.8$ : A STEEPENING LOW-MASS-END SLOPE WITH INCREASING REDSHIFT. <i>Astrophysical Journal</i> , <b>2016</b> , 825, 5	4.7	175
36	ON THE STELLAR POPULATIONS AND EVOLUTION OF STAR-FORMING GALAXIES AT $6.3 < z < 7.5$ . <i>Astrophysical Journal</i> , <b>2010</b> , 719, 1250-1273	4.7	164
35	CANDELS: THE CONTRIBUTION OF THE OBSERVED GALAXY POPULATION TO COSMIC REIONIZATION. <i>Astrophysical Journal</i> , <b>2012</b> , 758, 93	4.7	159
34	The Hubble Deep Field North SCUBA Super-map - III. Optical and near-infrared properties of submillimetre galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2005</b> , 358, 149-167	4.3	142
33	ALMA SPECTROSCOPIC SURVEY IN THE HUBBLE ULTRA DEEP FIELD: SURVEY DESCRIPTION. <i>Astrophysical Journal</i> , <b>2016</b> , 833, 67	4.7	135
32	A DEEP HUBBLE SPACE TELESCOPE SEARCH FOR ESCAPING LYMAN CONTINUUM FLUX AT $z \sim 1.3$ : EVIDENCE FOR AN EVOLVING IONIZING EFFICIENCY. <i>Astrophysical Journal</i> , <b>2010</b> , 723, 241-250	4.7	130

31	VERY LARGE ARRAY 1.4 GHz OBSERVATIONS OF THE GOODS-NORTH FIELD: DATA REDUCTION AND ANALYSIS. <i>Astrophysical Journal, Supplement Series</i> , <b>2010</b> , 188, 178-186	8	119
30	ON THE DETECTION OF IONIZING RADIATION ARISING FROM STAR-FORMING GALAXIES AT REDSHIFT $z \sim 3-4$ : LOOKING FOR ANALOGS OF STELLAR RE-IONIZERS <i>Astrophysical Journal</i> , <b>2012</b> , 751, 70	4.7	103
29	A DEEP HUBBLE SPACE TELESCOPE AND KECK SEARCH FOR DEFINITIVE IDENTIFICATION OF LYMAN CONTINUUM EMITTERS AT $z > \sim 3.1$ . <i>Astrophysical Journal</i> , <b>2015</b> , 804, 17	4.7	96
28	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> , <b>2016</b> , 833, 69	4.7	83
27	BREAKING THE CURVE WITH CANDELS: A BAYESIAN APPROACH TO REVEAL THE NON-UNIVERSALITY OF THE DUST-ATTENUATION LAW AT HIGH REDSHIFT. <i>Astrophysical Journal</i> , <b>2016</b> , 827, 20	4.7	80
26	COLDz: Shape of the CO Luminosity Function at High Redshift and the Cold Gas History of the Universe. <i>Astrophysical Journal</i> , <b>2019</b> , 872, 7	4.7	78
25	Super-deblended Dust Emission in Galaxies. I. The GOODS-North Catalog and the Cosmic Star Formation Rate Density out to Redshift 6. <i>Astrophysical Journal</i> , <b>2018</b> , 853, 172	4.7	68
24	Super-deblended Dust Emission in Galaxies. II. Far-IR to (Sub)millimeter Photometry and High-redshift Galaxy Candidates in the Full COSMOS Field. <i>Astrophysical Journal</i> , <b>2018</b> , 864, 56	4.7	65
23	A Survey of Atomic Carbon [C I] in High-redshift Main-sequence Galaxies. <i>Astrophysical Journal</i> , <b>2018</b> , 869, 27	4.7	52
22	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> , <b>2018</b> , 864, 49	4.7	52
21	Texas Spectroscopic Search for Ly $\alpha$ Emission at the End of Reionization. III. The Ly $\alpha$ Equivalent-width Distribution and Ionized Structures at $z > 7$ . <i>Astrophysical Journal</i> , <b>2020</b> , 904, 144	4.7	35
20	POLYCYCLIC AROMATIC HYDROCARBON AND MID-INFRARED CONTINUUM EMISSION IN A $z > 4$ SUBMILLIMETER GALAXY. <i>Astrophysical Journal</i> , <b>2014</b> , 786, 31	4.7	34
19	KECK/MOSFIRE SPECTROSCOPY OF $z = 7.8$ GALAXIES: Ly $\alpha$ EMISSION FROM A GALAXY AT $z = 7.66$ . <i>Astrophysical Journal</i> , <b>2016</b> , 826, 113	4.7	30
18	COLDz: A High Space Density of Massive Dusty Starburst Galaxies $\sim 1$ Billion Years after the Big Bang. <i>Astrophysical Journal</i> , <b>2020</b> , 895, 81	4.7	21
17	Texas Spectroscopic Search for Ly $\alpha$ Emission at the End of Reionization I. Constraining the Ly $\alpha$ Equivalent-width Distribution at $z = 6.0$ <i>Astrophysical Journal</i> , <b>2018</b> , 864, 103	4.7	17
16	EVIDENCE FOR REDUCED SPECIFIC STAR FORMATION RATES IN THE CENTERS OF MASSIVE GALAXIES AT $z = 4$ . <i>Astrophysical Journal</i> , <b>2017</b> , 834, 81	4.7	13
15	Texas Spectroscopic Search for Ly $\alpha$ Emission at the End of Reionization. II. The Deepest Near-infrared Spectroscopic Observation at $z \sim 7$ . <i>Astrophysical Journal</i> , <b>2019</b> , 877, 146	4.7	10
14	On the AGN Nature of Two UV-bright Sources at $z_{\text{spec}} \sim 5.5$ in the CANDELS Fields: An Update on the AGN Space Density at $M_{1450} \sim -22.5$ . <i>Astrophysical Journal</i> , <b>2020</b> , 897, 94	4.7	9

13	JWST/MIRI Simulated Imaging: Insights into Obscured Star Formation and AGNs for Distant Galaxies in Deep Surveys. <i>Astrophysical Journal</i> , <b>2021</b> , 908, 144	4.7	7
12	The VLA Frontier Field Survey: A Comparison of the Radio and UV/Optical Size of 0.3 $z > 3$ Star-forming Galaxies. <i>Astrophysical Journal</i> , <b>2021</b> , 910, 106	4.7	5
11	Deep Realistic Extragalactic Model (DREaM) Galaxy Catalogs: Predictions for a Roman Ultra-deep Field. <i>Astrophysical Journal</i> , <b>2022</b> , 926, 194	4.7	5
10	On the Stellar Populations of Galaxies at $z = 9$ : The Growth of Metals and Stellar Mass at Early Times. <i>Astrophysical Journal</i> , <b>2022</b> , 927, 170	4.7	5
9	GOODS-ALMA 2.0: Source catalog, number counts, and prevailing compact sizes in 1.1mm galaxies. <i>Astronomy and Astrophysics</i> ,	5.1	4
8	The VLA Frontier Fields Survey: Deep, High-resolution Radio Imaging of the MACS Lensing Clusters at 3 and 6 GHz. <i>Astrophysical Journal</i> , <b>2021</b> , 910, 105	4.7	4
7	A Census of the Bright $z = 8.5$ Universe with the Hubble and Spitzer Space Telescopes in the CANDELS Fields. <i>Astrophysical Journal</i> , <b>2022</b> , 928, 52	4.7	4
6	The Low-redshift Lyman Continuum Survey. I. New, Diverse Local Lyman Continuum Emitters. <i>Astrophysical Journal, Supplement Series</i> , <b>2022</b> , 260, 1	8	3
5	GOODS-ALMA 2.0: Starbursts in the main sequence reveal compact star formation regulating galaxy evolution prequenching. <i>Astronomy and Astrophysics</i> , <b>2022</b> , 659, A196	5.1	2
4	The Low-redshift Lyman Continuum Survey. II. New Insights into LyC Diagnostics. <i>Astrophysical Journal</i> , <b>2022</b> , 930, 126	4.7	2
3	COLDz: Deep 34 GHz Continuum Observations and Free-Free Emission in High-redshift Star-forming Galaxies. <i>Astrophysical Journal</i> , <b>2021</b> , 912, 73	4.7	1
2	COLDz: Probing Cosmic Star Formation With Radio Free-Free Emission. <i>Astrophysical Journal</i> , <b>2022</b> , 924, 76	4.7	0
1	Searching for Islands of Reionization: A Potential Ionized Bubble Powered by a Spectroscopic Overdensity at $z = 8.7$ . <i>Astrophysical Journal</i> , <b>2022</b> , 930, 104	4.7	0