

# Rebecca A A Bowler

## 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.

45  
papers

2,390  
citations

23  
h-index

48  
g-index

49  
ext. papers

2,879  
ext. citations

5.5  
avg, IF

4.54  
L-index

#	Paper	IF	Citations
45	The ALMA REBELS Survey. Epoch of Reionization giants: Properties of dusty galaxies at $z \sim 7$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 512, 58-72	4.3	4
44	The ALMA REBELS survey: the dust content of $z \sim 7$ Lyman break galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 512, 989-1002	4.3	3
43	The discovery of rest-frame UV colour gradients and a diversity of dust morphologies in bright $z \sim 7$ Lyman-break galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2022</b> , 510, 5088-5101	4.3	3
42	Looking at the Distant Universe with the MeerKAT Array: Discovery of a Luminous OH Megamaser at $z \sim 0.5$ . <i>Astrophysical Journal Letters</i> , <b>2022</b> , 931, L7	7.9	0
41	MIGHTEE: are giant radio galaxies more common than we thought?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 501, 3833-3845	4.3	10
40	The LOFAR Two-meter Sky Survey: Deep Fields Data Release 1. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 648, A3	5.1	20
39	The LOFAR Two-meter Sky Survey: Deep Fields Data Release 1. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 648, A4	5.1	19
38	The multiwavelength properties of red QSOs: Evidence for dusty winds as the origin of QSO reddening. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 649, A102	5.1	11
37	Deep Extragalactic Visible Legacy Survey (DEVILS): consistent multiwavelength photometry for the DEVILS regions (COSMOS, XMM-LSS, and ECDFS). <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 506, 256-287	4.3	2
36	The rapid transition from star formation to AGN-dominated rest-frame ultraviolet light at $z \sim 4$ . <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 662-677	4.3	6
35	MIGHTEE-HI: The H I emission project of the MeerKAT MIGHTEE survey. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 646, A35	5.1	11
34	Evolution of the galaxy stellar mass function: evidence for an increasing $M^*$ from $z = 2$ to the present day. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 506, 4933-4951	4.3	3
33	Normal, dust-obscured galaxies in the epoch of reionization. <i>Nature</i> , <b>2021</b> , 597, 489-492	50.4	19
32	MIGHTEE-H I: the baryonic Tully-Fisher relation over the last billion years. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 508, 1195-1205	4.3	8
31	The rest-frame UV luminosity function at $z \sim 4$ : a significant contribution of AGNs to the bright end of the galaxy population. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 494, 1771-1783	4.3	24
30	The XXL Survey. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 642, A124	5.1	3
29	Augmenting machine learning photometric redshifts with Gaussian mixture models. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 498, 5498-5510	4.3	6

28	A lack of evolution in the very bright end of the galaxy luminosity function from $z \approx 8$ to 10. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 493, 2059-2084	4.3	49
27	SPLASH-SXDF Multi-wavelength Photometric Catalog. <i>Astrophysical Journal, Supplement Series</i> , <b>2018</b> , 235, 36	8	26
26	The environment and host haloes of the brightest $z \approx 6$ Lyman-break galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 477, 3760-3774	4.3	9
25	The VANDELS ESO public spectroscopic survey: Observations and first data release. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A174	5.1	51
24	Dust attenuation in 2 Monthly Notices of the Royal Astronomical Society, <b>2018</b> , 476, 3991-4006	4.3	61
23	Obscured star formation in bright $z \approx 7$ Lyman-break galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 481, 1631-1644	4.3	33
22	The VANDELS ESO public spectroscopic survey. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> ,	4.3	52
21	Characterizing the evolving K-band luminosity function using the UltraVISTA, CANDELS and HUDF surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 672-687	4.3	16
20	No evidence for Population III stars or a direct collapse black hole in the $z \approx 6.6$ Lyman emitter R7. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 469, 448-458	4.3	38
19	Unveiling the nature of bright $z \approx 7$ galaxies with the Hubble Space Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 466, 3612-3635	4.3	78
18	The SCUBA-2 Cosmology Legacy Survey: the nature of bright submm galaxies from 2 deg <sup>2</sup> of 850- $\mu$ m imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 469, 492-515	4.3	59
17	Changing physical conditions in star-forming galaxies between redshifts 0. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 460, 3002-3013	4.3	16
16	The galaxy luminosity function at $z \approx 6$ and evidence for rapid evolution in the bright end from $z \approx 7$ to 5. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 452, 1817-1840	4.3	115
15	The decomposed bulge and disc size-mass relations of massive galaxies at 1. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 444, 1660-1673	4.3	38
14	The bright end of the galaxy luminosity function at $z \approx 7$ : before the onset of mass quenching?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 440, 2810-2842	4.3	141
13	The colour distribution of galaxies at redshift five. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 440, 3714-3725	4.3	51
12	The bulge-disc decomposed evolution of massive galaxies at 1 Monthly Notices of the Royal Astronomical Society, <b>2014</b> , 444, 1001-1033	4.3	56
11	The mass-metallicity-star formation rate relation at $z \approx 2$ with 3D Hubble Space Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 440, 2300-2312	4.3	74

10	The UV continua and inferred stellar populations of galaxies at $z \sim 7$ revealed by the Hubble Ultra-Deep Field 2012 campaign. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 432, 3520-3533	4.3	123
9	A new multifield determination of the galaxy luminosity function at $z \sim 7$ incorporating the 2012 Hubble Ultra-Deep Field imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 432, 2696-2716	4.3	283
8	THE UV LUMINOSITY FUNCTION OF STAR-FORMING GALAXIES VIA DROPOUT SELECTION AT REDSHIFTS $z \sim 7$ AND 8 FROM THE 2012 ULTRA DEEP FIELD CAMPAIGN. <i>Astrophysical Journal</i> , <b>2013</b> , 768, 196	4.7	185
7	THE 2012 HUBBLE ULTRA DEEP FIELD (UDF12): OBSERVATIONAL OVERVIEW. <i>Astrophysical Journal, Supplement Series</i> , <b>2013</b> , 209, 3	8	104
6	THE ABUNDANCE OF STAR-FORMING GALAXIES IN THE REDSHIFT RANGE 8.5-12: NEW RESULTS FROM THE 2012 HUBBLE ULTRA DEEP FIELD CAMPAIGN. <i>Astrophysical Journal Letters</i> , <b>2013</b> , 763, L7	7.9	348
5	Discovery of bright $z \sim 7$ galaxies in the UltraVISTA survey. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 426, 2772-2788	4.3	68
4	Discovery of bright $z \sim 7$ galaxies in the UltraVISTA survey. <i>Proceedings of the International Astronomical Union</i> , <b>2012</b> , 8, 22-22	0.1	
3	A robust sample of galaxies at redshifts 6.0. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2011</b> , 418, 2074-2105	4.3	156
2	The REBELS ALMA Survey: cosmic dust temperature evolution out to $z \sim 7$ . <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	3
1	A deep radio view of the evolution of the cosmic star formation rate density from a stellar-mass-selected sample in VLA-COSMOS. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	1