

Rebecca A A Bowler

List of Publications by Citations

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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 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> , 2013 , 763, L7	7.9	348
44	A new multifield determination of the galaxy luminosity function at $z = 7.9$ incorporating the 2012 Hubble Ultra-Deep Field imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 432, 2696-2716	4.3	283
43	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> , 2013 , 768, 196	4.7	185
42	A robust sample of galaxies at redshifts 6.0. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 418, 2074-2105	4.3	156
41	The bright end of the galaxy luminosity function at $z \sim 7$: before the onset of mass quenching?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 440, 2810-2842	4.3	141
40	The UV continua and inferred stellar populations of galaxies at $z \sim 7.9$ revealed by the Hubble Ultra-Deep Field 2012 campaign. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 432, 3520-3533	4.3	123
39	The galaxy luminosity function at $z \sim 6$ and evidence for rapid evolution in the bright end from $z \sim 7$ to 5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 452, 1817-1840	4.3	115
38	THE 2012 HUBBLE ULTRA DEEP FIELD (UDF12): OBSERVATIONAL OVERVIEW. <i>Astrophysical Journal, Supplement Series</i> , 2013 , 209, 3	8	104
37	Unveiling the nature of bright $z \sim 7$ galaxies with the Hubble Space Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 466, 3612-3635	4.3	78
36	The mass-metallicity-star formation rate relation at $z \sim 2$ with 3D Hubble Space Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 440, 2300-2312	4.3	74
35	Discovery of bright $z \sim 7$ galaxies in the UltraVISTA survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 426, 2772-2788	4.3	68
34	Dust attenuation in 2 <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 476, 3991-4006	4.3	61
33	The SCUBA-2 Cosmology Legacy Survey: the nature of bright submm galaxies from 2×2 deg ² of 850- μ m imaging. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 469, 492-515	4.3	59
32	The bulge-disc decomposed evolution of massive galaxies at 1 <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 444, 1001-1033	4.3	56
31	The VANDELS ESO public spectroscopic survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 ,	4.3	52
30	The colour distribution of galaxies at redshift five. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 440, 3714-3725	4.3	51
29	The VANDELS ESO public spectroscopic survey: Observations and first data release. <i>Astronomy and Astrophysics</i> , 2018 , 616, A174	5.1	51

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> , 2020 , 493, 2059-2084	4.3	49
27	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> , 2017 , 469, 448-458	4.3	38
26	The decomposed bulge and disc size-mass relations of massive galaxies at $z \approx 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 444, 1660-1673	4.3	38
25	Obscured star formation in bright $z \approx 7$ Lyman-break galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 481, 1631-1644	4.3	33
24	SPLASH-SXDF Multi-wavelength Photometric Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2018 , 235, 36	8	26
23	The rest-frame UV luminosity function at $z \approx 4$: a significant contribution of AGNs to the bright end of the galaxy population. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 494, 1771-1783	4.3	24
22	The LOFAR Two-meter Sky Survey: Deep Fields Data Release 1. <i>Astronomy and Astrophysics</i> , 2021 , 648, A3	5.1	20
21	The LOFAR Two-meter Sky Survey: Deep Fields Data Release 1. <i>Astronomy and Astrophysics</i> , 2021 , 648, A4	5.1	19
20	Normal, dust-obscured galaxies in the epoch of reionization. <i>Nature</i> , 2021 , 597, 489-492	50.4	19
19	Characterizing the evolving K-band luminosity function using the UltraVISTA, CANDELS and HUDF surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 465, 672-687	4.3	16
18	Changing physical conditions in star-forming galaxies between redshifts 0. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 460, 3002-3013	4.3	16
17	The multiwavelength properties of red QSOs: Evidence for dusty winds as the origin of QSO reddening. <i>Astronomy and Astrophysics</i> , 2021 , 649, A102	5.1	11
16	MIGHTEE-HI: The H I emission project of the MeerKAT MIGHTEE survey. <i>Astronomy and Astrophysics</i> , 2021 , 646, A35	5.1	11
15	MIGHTEE: are giant radio galaxies more common than we thought?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 501, 3833-3845	4.3	10
14	The environment and host haloes of the brightest $z \approx 6$ Lyman-break galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 477, 3760-3774	4.3	9
13	MIGHTEE-H I: the baryonic Tully-Fisher relation over the last billion years. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 508, 1195-1205	4.3	8
12	Augmenting machine learning photometric redshifts with Gaussian mixture models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020 , 498, 5498-5510	4.3	6
11	The rapid transition from star formation to AGN-dominated rest-frame ultraviolet light at $z \approx 4$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021 , 502, 662-677	4.3	6

10	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> , 2022 , 512, 58-72	4.3	4
9	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
8	The XXL Survey. <i>Astronomy and Astrophysics</i> , 2020 , 642, A124	5.1	3
7	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> , 2021 , 506, 4933-4951	4.3	3
6	The ALMA REBELS survey: the dust content of $z \sim 7$ Lyman break galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 512, 989-1002	4.3	3
5	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> , 2022 , 510, 5088-5101	4.3	3
4	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> , 2021 , 506, 256-287	4.3	2
3	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
2	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
1	Discovery of bright $z \sim 7$ galaxies in the UltraVISTA survey. <i>Proceedings of the International Astronomical Union</i> , 2012 , 8, 22-22	0.1	