Rebecca A A Bowler

List of Publications by Year
in descending order

49 papers	3,462 citations	159573 30 h-index	214788 47 g-index
49 all docs	49 docs citations	49 times ranked	2345 citing authors

#	Article	IF	Citations
1	THE ABUNDANCE OF STAR-FORMING GALAXIES IN THE REDSHIFT RANGE 8.5-12: NEW RESULTS FROM THE 2012 HUBBLE ULTRA DEEP FIELD CAMPAIGN. Astrophysical Journal Letters, 2013, 763, L7.	8.3	397
2	A new multifield determination of the galaxy luminosity function at z = 7â€“9 incorporating the 2012 Hubble Ultra-Deep Field imaging. Monthly Notices of the Royal Astronomical Society, 2013, 432, 2696-2716.	4.4	329
3	THE UV LUMINOSITY FUNCTION OF STAR-FORMING GALAXIES VIA DROPOUT SELECTION AT REDSHIFTSzâˆ¼ 7 AND 8 FROM THE 2012 ULTRA DEEP FIELD CAMPAIGN. Astrophysical Journal, 2013, 768, 196.	4.5	210
4	A robust sample of galaxies at redshifts 6.0<z<8.7: stellar populations, star formation rates and stellar masses. Monthly Notices of the Royal Astronomical Society, 2011, 418, 2074-2105.	4.4	171
5	The bright end of the galaxy luminosity function at zâ‰ƒ7: before the onset of mass quenching?. Monthly Notices of the Royal Astronomical Society, 2014, 440, 2810-2842.	4.4	168
6	The galaxy luminosity function atzâ‰ƒ 6and evidence for rapid evolution in the bright end fromzâ‰ƒ 7to5. Monthly Notices of the Royal Astronomical Society, 2015, 452, 1817-1840.	4.4	148
7	The UV continua and inferred stellar populations of galaxies at z â‰ƒ 7â€“9 revealed by the Hubble Ultra-Deep Field 2012 campaign. Monthly Notices of the Royal Astronomical Society, 2013, 432, 3520-3533.	4.4	143
8	THE 2012 HUBBLE ULTRA DEEP FIELD (UDF12): OBSERVATIONAL OVERVIEW. Astrophysical Journal, Supplement Series, 2013, 209, 3.	7.7	132
9	A lack of evolution in the very bright end of the galaxy luminosity function from z â‰ƒ 8 to 10. Monthly Notices of the Royal Astronomical Society, 2020, 493, 2059-2084.	4.4	126
10	Unveiling the nature of brightz â‰ƒ 7galaxies with theHubble Space Telescope. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3612-3635.	4.4	118
11	The VANDELS ESO public spectroscopic survey: Observations and first data release. Astronomy and Astrophysics, 2018, 616, A174.	5.1	93
12	Dust attenuation in 2 < z < 3 star-forming galaxies from deep ALMA observations of the Hubble Ultra Deep Field. Monthly Notices of the Royal Astronomical Society, 2018, 476, 3991-4006.	4.4	88
13	The massâ€“metallicityâ€“star formation rate relation at $oldsymbol {z gtrsim 2}$ with 3D Hubble Space Telescope. Monthly Notices of the Royal Astronomical Society, 2014, 440, 2300-2312.	4.4	83
14	The VANDELS ESO public spectroscopic survey. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	79
15	The SCUBA-2 Cosmology Legacy Survey: the nature of bright submm galaxies from 2Âdeg2 of 850-Î¼m imaging. Monthly Notices of the Royal Astronomical Society, 2017, 469, 492-515.	4.4	77
16	Discovery of brightzâ‰ƒ 7 galaxies in the UltraVISTA survey. Monthly Notices of the Royal Astronomical Society, 2012, 426, 2772-2788.	4.4	74
17	Normal, dust-obscured galaxies in the epoch of reionization. Nature, 2021, 597, 489-492.	27.8	71
18	The bulgeâ€“disc decomposed evolution of massive galaxies at 1 < z < 3 in CANDELS. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1001-1033.	4.4	60

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19	The ALMA REBELS survey: the dust content of z âˆ¼ 7 Lyman break galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 512, 989-1002.	4.4	60
20	Obscured star formation in bright z â‰ƒ 7 Lyman-break galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1631-1644.	4.4	59
21	The colour distribution of galaxies at redshift five. Monthly Notices of the Royal Astronomical Society, 2014, 440, 3714-3725.	4.4	57
22	The LOFAR Two-meter Sky Survey: Deep Fields Data Release 1. Astronomy and Astrophysics, 2021, 648, A3.	5.1	57
23	The LOFAR Two-meter Sky Survey: Deep Fields Data Release 1. Astronomy and Astrophysics, 2021, 648, A4.	5.1	55
24	The ALMA REBELS Survey: cosmic dust temperature evolution out to z âˆ¼ 7. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3122-3135.	4.4	51
25	No evidence for Population III stars or a direct collapse black hole in the zÂ=Â6.6 Lymanâ€‰Î± emitter â€˜CR7â€™. Monthly Notices of the Royal Astronomical Society, 2017, 469, 448-458.	4.4	46
26	The ALMA REBELS Survey: dust continuum detections at z > 6.5. Monthly Notices of the Royal Astronomical Society, 2022, 515, 3126-3143.	4.4	46
27	MIGHTEE-HI: The Hâ€I emission project of the MeerKAT MIGHTEE survey. Astronomy and Astrophysics, 2021, 646, A35.	5.1	45
28	The ALMA REBELS Survey. Epoch of Reionization giants: Properties of dusty galaxies at z â‰ˆ 7. Monthly Notices of the Royal Astronomical Society, 2022, 512, 58-72.	4.4	44
29	The decomposed bulge and disc sizeâ€“mass relations of massive galaxies at 1Â<ÂzÂ<Â3 in CANDELS. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1660-1673.	4.4	42
30	The rest-frame UV luminosity function at z â‰ƒ 4: a significant contribution of AGNs to the bright end of the galaxy population. Monthly Notices of the Royal Astronomical Society, 2020, 494, 1771-1783.	4.4	42
31	SPLASH-SXDF Multi-wavelength Photometric Catalog. Astrophysical Journal, Supplement Series, 2018, 235, 36.	7.7	36
32	The multiwavelength properties of red QSOs: Evidence for dusty winds as the origin of QSO reddening. Astronomy and Astrophysics, 2021, 649, A102.	5.1	29
33	The discovery of rest-frame UV colour gradients and a diversity of dust morphologies in bright z â‰ƒ 7 Lyman-break galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 510, 5088-5101.	4.4	28
34	MIGHTEE: are giant radio galaxies more common than we thought?. Monthly Notices of the Royal Astronomical Society, 2021, 501, 3833-3845.	4.4	24
35	MIGHTEE-Hâ€‰<scp>i</scp>: the baryonic Tullyâ€“Fisher relation over the last billion years. Monthly Notices of the Royal Astronomical Society, 2021, 508, 1195-1205.	4.4	21
36	Changing physical conditions in star-forming galaxies between redshifts 0Â<Â<i>z</i>Â<Â4: [OÂiii]/HÂÎ² evolution. Monthly Notices of the Royal Astronomical Society, 2016, 460, 3002-3013.	4.4	20

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37	Characterizing the evolvingK-band luminosity function using the UltraVISTA, CANDELS and HUDF surveys. Monthly Notices of the Royal Astronomical Society, 2017, 465, 672-687.	4.4	19
38	Deep Extragalactic VIsible Legacy Survey (DEVILS): consistent multiwavelength photometry for the DEVILS regions (COSMOS, XMMLSS,Âand ECDFS). Monthly Notices of the Royal Astronomical Society, 2021, 506, 256-287.	4.4	19
39	Evolution of the galaxy stellar mass function: evidence for an increasing M* from z = 2 to the present day. Monthly Notices of the Royal Astronomical Society, 2021, 506, 4933-4951.	4.4	19
40	The rapid transition from star formation to AGN-dominated rest-frame ultraviolet light at z â‰ƒ 4. Monthly Notices of the Royal Astronomical Society, 2021, 502, 662-677.	4.4	17
41	The environment and host haloes of the brightest zÂâ¼Â6 Lyman-break galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 477, 3760-3774.	4.4	12
42	Augmenting machine learning photometric redshifts with Gaussian mixture models. Monthly Notices of the Royal Astronomical Society, 2020, 498, 5498-5510.	4.4	11
43	MIGHTEE â€“ Hâ€‰<scp>i</scp>. The relation between the Hâ€‰<scp>i</scp> gas in galaxies and the cosmic web. Monthly Notices of the Royal Astronomical Society, 2022, 513, 2168-2177.	4.4	9
44	Hybrid photometric redshifts for sources in the COSMOS and XMM-LSS fields. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3719-3733.	4.4	8
45	A deep radio view of the evolution of the cosmic star formation rate density from a stellar-mass-selected sample in VLA-COSMOS. Monthly Notices of the Royal Astronomical Society, 2021, 509, 4291-4307.	4.4	7
46	The XXL Survey. Astronomy and Astrophysics, 2020, 642, A124.	5.1	6
47	MIGHTEE-HI: discovery of an Hâ€‰<scp>i</scp>-rich galaxy group at zÂ= 0.044 with MeerKAT. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2753-2765.	4.4	4
48	Looking at the Distant Universe with the MeerKAT Array: Discovery of a Luminous OH Megamaser at z > 0.5. Astrophysical Journal Letters, 2022, 931, L7.	8.3	2
49	Discovery of bright z ~ 7 galaxies in the UltraVISTA survey. Proceedings of the International Astronomical Union, 2012, 8, 22-22.	0.0	0