

Nathan Bourne

List of Publications by Year in descending order

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98
papers

5,099
citations

66343

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98798

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docs citations

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times ranked

4059
citing authors

#	ARTICLE	IF	CITATIONS
1	The East Asian Observatory SCUBA-2 Survey of the COSMOS Field: Unveiling 1147 Bright Sub-millimeter Sources across 2.6 Square Degrees. <i>Astrophysical Journal</i> , 2019, 880, 43.	4.5	52
2	ALMA observations of massive molecular gas reservoirs in dusty early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 4617-4629.	4.4	9
3	Multi-wavelength Properties of Radio- and Machine-learning-identified Counterparts to Submillimeter Sources in S2COSMOS. <i>Astrophysical Journal</i> , 2019, 886, 48.	4.5	21
4	The fate of the interstellar medium in early-type galaxies. <i>Astronomy and Astrophysics</i> , 2019, 632, A43.	5.1	16
5	The relationship between dust and $[C\alpha]$ at $z \gtrsim 1$ and beyond. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3135-3161.	4.4	25
6	LOFAR/H-ATLAS: the low-frequency radio luminosity–star formation rate relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 3010-3028.	4.4	93
7	Galaxy And Mass Assembly: the G02 field, Herschel–ATLAS target selection and data release 3. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 3875-3888.	4.4	176
8	The Herschel Bright Sources (HerBS): sample definition and SCUBA-2 observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 1751-1773.	4.4	40
9	Galaxy And Mass Assembly (GAMA): The mechanisms for quiescent galaxy formation at $z \lesssim 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 1168-1185.	4.4	51
10	The <i>Herschel</i> -ATLAS Data Release 2. Paper II. Catalogs of Far-infrared and Submillimeter Sources in the Fields at the South and North Galactic Poles. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 30.	7.7	33
11	The causes of the red sequence, the blue cloud, the green valley, and the green mountain. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1183-1194.	4.4	28
12	The VANDELS survey: dust attenuation in star-forming galaxies at $z = 3-4$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 3218-3232.	4.4	33
13	Dust attenuation in $z \lesssim 3$ star-forming galaxies from deep ALMA observations of the Hubble Ultra Deep Field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 3991-4006.	4.4	88
14	Obscured star formation in bright $z \sim 7$ Lyman-break galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 1631-1644.	4.4	59
15	JINGLE, a JCMT legacy survey of dust and gas for galaxy evolution studies – I. Survey overview and first results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 3497-3519.	4.4	30
16	GAMA/H-ATLAS: the local dust mass function and cosmic density as a function of galaxy type – a benchmark for models of galaxy evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 1077-1099.	4.4	28
17	The new galaxy evolution paradigm revealed by the Herschel surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 3507-3524.	4.4	39
18	ALMA observations of lensed Herschel sources: testing the dark matter halo paradigm. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4939-4952.	4.4	16

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19	GAMA/G10-COSMOS/3D-HST: the 0A_{z} cosmic star formation history, stellar-mass, and dust-mass densities. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2891-2935.	4.4	150
20	The SCUBA-2 Cosmology Legacy Survey: The EGS deep field â€“ II. Morphological transformation and multiwavelength properties of faint submillimetre galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 475, 5585-5602.	4.4	35
21	A direct calibration of the IRXâ€™ ² relation in Lyman-break Galaxies at $z = 3$ â€™5. Monthly Notices of the Royal Astronomical Society, 2018, 479, 4355-4366.	4.4	36
22	The second Herschelâ€™ATLAS Data Release â€“ III. Optical and near-infrared counterparts in the North Galactic Plane field. Monthly Notices of the Royal Astronomical Society, 2018, 476, 961-978.	4.4	12
23	The Interstellar Medium in High-redshift Submillimeter Galaxies as Probed by Infrared Spectroscopy^{â€™}. Astrophysical Journal, 2017, 837, 12.	4.5	30
24	The<i>Herschel</i>-ATLAS: a sample of 500Â1/4m-selected lensed galaxies over 600Âdeg². Monthly Notices of the Royal Astronomical Society, 2017, 465, 3558-3580.	4.4	96
25	<i>Herschel</i>-ATLAS: revealing dust build-up and decline across gas, dust and stellar mass selected samples â€“ I. Scaling relations. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4680-4705.	4.4	47
26	H-ATLAS/GAMA: magnification bias tomography. Astrophysical constraints above â€™1/41 arcmin. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 024-024.	5.4	20
27	VALES I: the molecular gas content in star-forming dusty H-ATLAS galaxies up to $z = 0.35$. Monthly Notices of the Royal Astronomical Society, 2017, 470, 3775-3805.	4.4	27
28	Galaxy And Mass Assembly: the 1.4ÂGHz SFR indicator, $SFR \propto M_{\text{sub}^*}$ relation and predictions for ASKAPâ€™GAMA. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2312-2324.	4.4	58
29	Far-infrared emission in luminous quasars accompanied by nuclear outflows. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2314-2319.	4.4	9
30	Galaxy And Mass Assembly: the evolution of the cosmic spectral energy distribution from $z = 1$ to $z = 0$. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1342-1359.	4.4	15
31	The Herschelâ€™ATLAS Data Release 2, Paper I. Submillimeter and Far-infrared Images of the South and North Galactic Poles: The Largest Herschel Survey of the Extragalactic Sky. Astrophysical Journal, Supplement Series, 2017, 233, 26.	7.7	37
32	An Imperfectly Passive Nature: Bright Submillimeter Emission from Dust-obscured Star Formation in the $z = 3.717$ â€™Passiveâ€™ System, ZF 20115. Astrophysical Journal Letters, 2017, 844, L10.	8.3	35
33	SCUBA-2 Ultra Deep Imaging EAO Survey (STUDIES): Faint-end Counts at 450Â1/4m. Astrophysical Journal, 2017, 850, 37.	4.5	40
34	The mean star formation rates of unobscured QSOs: searching for evidence of suppressed or enhanced star formation. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2221-2240.	4.4	71
35	VALES â€“ III. The calibration between the dust continuum and interstellar gas content of star-forming galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 468, L103-L107.	3.3	34
36	The SCUBA-2 Cosmology Legacy Survey: the nature of bright submm galaxies from 2Âdeg ² of 850-Â1/4m imaging. Monthly Notices of the Royal Astronomical Society, 2017, 469, 492-515.	4.4	77

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37	TOWARD A TOMOGRAPHIC ANALYSIS OF THE CROSS-CORRELATION BETWEEN PLANCK CMB LENSING AND H-ATLAS GALAXIES. <i>Astrophysical Journal</i> , 2016, 825, 24.	4.5	35
38	CHANDRA COUNTERPARTS OF CANDELS GOODS-S SOURCES. <i>Astrophysical Journal</i> , 2016, 823, 95.	4.5	44
39	The faint end of the 250 μ m luminosity function at $z < 0.5$. <i>Astronomy and Astrophysics</i> , 2016, 592, L5.	5.1	7
40	T-PHOT version 2.0: Improved algorithms for background subtraction, local convolution, kernel registration, and new options. <i>Astronomy and Astrophysics</i> , 2016, 595, A97.	5.1	63
41	IDENTIFICATION OF $z \sim 3$ Herschel 500 μ m SOURCES USING COLOR DECONFUSION. <i>Astrophysical Journal Supplement Series</i> , 2016, 222, 4.	7.7	16
42	H-ATLAS: the far-infrared properties of galaxies in and around the Coma cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 582-602.	4.4	6
43	The SAMI Galaxy Survey: extraplanar gas, galactic winds and their association with star formation history. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1257-1278.	4.4	70
44	The SCUBA-2 Cosmology Legacy Survey: galaxies in the deep 850 μ m survey, and the star-forming α -main sequence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 4321-4344.	4.4	50
45	The <i>Herschel</i> -ATLAS Data Release 1 α II. Multi-wavelength counterparts to submillimetre sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 1714-1734.	4.4	76
46	The <i>Herschel</i> -ATLAS data release 1 α I. Maps, catalogues and number counts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 3146-3179.	4.4	149
47	H-ATLAS: a candidate high redshift cluster/protocluster of star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 1719-1733.	4.4	25
48	GAMA/H-ATLAS: a meta-analysis of SFR indicators α comprehensive measures of the SFR α M α relation and cosmic star formation history at $z < 0.4$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 458-485.	4.4	113
49	GAMA/H-ATLAS: common star formation rate indicators and their dependence on galaxy physical parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 1898-1916.	4.4	14
50	LOFAR/H-ATLAS: a deep low-frequency survey of the <i>Herschel</i> -ATLAS North Galactic Pole field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 1910-1936.	4.4	106
51	H-ATLAS/GAMA: the nature and characteristics of optically red galaxies detected at submillimetre wavelengths. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 2221-2259.	4.4	18
52	Galaxy And Mass Assembly: accurate panchromatic photometry from optical priors using λ bar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 765-801.	4.4	138
53	Galaxy And Mass Assembly (GAMA): Panchromatic Data Release (far-UV α far-IR) and the low- z energy budget. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 3911-3942.	4.4	140
54	INFRARED COLOR SELECTION OF MASSIVE GALAXIES AT $z > 3$. <i>Astrophysical Journal</i> , 2016, 816, 84.	4.5	57

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55	<i>Herschel</i> -ATLAS: the connection between star formation and AGN activity in radio-loud and radio-quiet active galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 3776-3794.	4.4	58
56	Molecular and atomic gas in dust lane early-type galaxies – I. Low star formation efficiencies in minor merger remnants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 3503-3516.	4.4	56
57	Cold dust emission from X-ray AGN in the SCUBA-2 Cosmology Legacy Survey: dependence on luminosity, obscuration and AGN activity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 419-438.	4.4	11
58	Galaxy And Mass Assembly (GAMA): the effect of close interactions on star formation in galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 616-636.	4.4	75
59	The SCUBA-2 Cosmology Legacy Survey: the submillimetre properties of Lyman-break galaxies at $z \sim 3$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 1293-1304.	4.4	43
60	Dust energy balance study of two edge-on spiral galaxies in the <i>Herschel</i> -ATLAS survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 1728-1739.	4.4	28
61	H-ATLAS/GAMA: quantifying the morphological evolution of the galaxy population using cosmic calorimetry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 3489-3507.	4.4	16
62	<i>Herschel</i> -ATLAS: the surprising diversity of dust-selected galaxies in the local submillimetre Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 397-430.	4.4	55
63	H-ATLAS/GAMA and HeViCS – dusty early-type galaxies in different environments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 3815-3835.	4.4	15
64	Far-infrared observations of an unbiased sample of gamma-ray burst host galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 1494-1503.	4.4	11
65	A multiwavelength exploration of the $[C\alpha]/IR$ ratio in H-ATLAS/GAMA galaxies out to $z \sim 0.2$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 2498-2513.	4.4	24
66	CROSS-CORRELATION BETWEEN THE CMB LENSING POTENTIAL MEASURED BY <i>PLANCK</i> AND HIGH- z SUBMILLIMETER GALAXIES DETECTED BY THE <i>HERSCHEL</i> -ATLAS SURVEY. <i>Astrophysical Journal</i> , 2015, 802, 64.	4.5	61
67	T-PHOT: A new code for PSF-matched, prior-based, multiwavelength extragalactic deconvolution photometry. <i>Astronomy and Astrophysics</i> , 2015, 582, A15.	5.1	128
68	<i>Herschel</i> -ATLAS/GAMA: How does the far-IR luminosity function depend on galaxy group properties?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 2253-2270.	4.4	8
69	<i>Herschel</i> – ATLAS/GAMA: SDSS cross-correlation induced by weak lensing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 2680-2690.	4.4	21
70	<i>Herschel</i> – ATLAS: properties of dusty massive galaxies at low and high redshifts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 1017-1039.	4.4	53
71	Colour matters: the effects of lensing on the positional offsets between optical and submillimetre galaxies in <i>Herschel</i> – ATLAS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 1884-1892.	4.4	14
72	<i>Herschel</i> – ATLAS: modelling the first strong gravitational lenses. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 2013-2025.	4.4	49

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73	LENS MODELS OF <i>HERSCHEL</i> -SELECTED GALAXIES FROM HIGH-RESOLUTION NEAR-IR OBSERVATIONS. <i>Astrophysical Journal</i> , 2014, 797, 138.	4.5	40
74	Herschel-ATLAS ⁺ : far-infrared properties of radio-loud and radio-quiet quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 1181-1196.	4.4	37
75	The temperature dependence of the far-infrared ⁺ radio correlation in the Herschel-ATLAS ⁺ <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 2232-2243.	4.4	36
76	Herschel ⁺ -ATLAS/GAMA: the environmental density of far-infrared bright galaxies at $z \lesssim 0.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 771-786.	4.4	12
77	Herschel ⁺ -ATLAS: correlations between dust and gas in local submm-selected galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 479-502.	4.4	28
78	GRAVITATIONAL LENS MODELS BASED ON SUBMILLIMETER ARRAY IMAGING OF <i>HERSCHEL</i> -SELECTED STRONGLY LENSED SUB-MILLIMETER GALAXIES AT $z > 1.5$. <i>Astrophysical Journal</i> , 2013, 779, 25.	4.5	163
79	<i>HERSCHEL</i> -ATLAS: A BINARY <i>H₂LIRG</i> PINPOINTING A CLUSTER OF STARBURSTING PROTOELLIPTICALS. <i>Astrophysical Journal</i> , 2013, 772, 137.	4.5	144
80	Isothermal dust models of Herschel-ATLAS ⁺ galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 2435-2453.	4.4	44
81	H-ATLAS: estimating redshifts of Herschel sources from sub-mm fluxes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 2753-2763.	4.4	45
82	GAMA/H-ATLAS: linking the properties of submm detected and undetected early-type galaxies ⁺ l. $z \lesssim 0.06$ sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 431, 1929-1946.	4.4	29
83	Herschel-ATLAS/GAMA: What determines the far-infrared properties of radio galaxies? ⁺ <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 609-625.	4.4	14
84	Far-infrared spectroscopy of a lensed starburst: a blind redshift from <i>Herschel</i> . <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013, 436, L99-L103.	3.3	26
85	GAMA/H-ATLAS: THE DUST OPACITY ⁺ STELLAR MASS SURFACE DENSITY RELATION FOR SPIRAL GALAXIES. <i>Astrophysical Journal</i> , 2013, 766, 59.	4.5	41
86	A Herschel ⁺ -ATLAS study of dusty spheroids: probing the minor-merger process in the local Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 1463-1468.	4.4	15
87	THE INFRARED PROPERTIES OF SOURCES MATCHED IN THE <i>WISE</i> ALL-SKY AND <i>HERSCHEL</i> ATLAS SURVEYS. <i>Astrophysical Journal Letters</i> , 2012, 750, L18.	8.3	11
88	Galaxy And Mass Assembly (GAMA): the 0.013 μm < z < 0.1 cosmic spectral energy distribution from 0.1 μm to 1 mm. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 3244-3264.	4.4	91
89	<i>Herschel</i> -ATLAS: multi-wavelength SEDs and physical properties of 250 $\hat{1}/4\text{m}$ selected galaxies at $z < 0.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 703-727.	4.4	124
90	Herschel ⁺ -ATLAS/GAMA: dusty early-type galaxies and passive spirals. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 2545-2578.	4.4	104

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91	Herschel-ATLAS/GAMA: a census of dust in optically selected galaxies from stacking at submillimetre wavelengths. Monthly Notices of the Royal Astronomical Society, 2012, 421, 3027-3059.	4.4	77
92	Herschel-ATLAS: VISTA VIKING near-infrared counterparts in the Phase 1 GAMA 9-h data. Monthly Notices of the Royal Astronomical Society, 2012, 423, 2407-2424.	4.4	31
93	Evolution of the far-infrared-radio correlation and infrared spectral energy distributions of massive galaxies over $z = 0-2$. Monthly Notices of the Royal Astronomical Society, 2011, 410, 1155-1173.	4.4	75
94	Which haloes host Herschel-ATLAS galaxies in the local Universe?. Monthly Notices of the Royal Astronomical Society, 2011, 412, 2277-2285.	4.4	15
95	Herschel-ATLAS: rapid evolution of dust in galaxies over the last 5 billion years. Monthly Notices of the Royal Astronomical Society, 2011, 417, 1510-1533.	4.4	198
96	Herschel-ATLAS: the far-infrared-radio correlation at $z < 0.5$ Monthly Notices of the Royal Astronomical Society, 2010, 409, 92-101.	4.4	71
97	History and present status of fisheries for marine fishes and invertebrates in the Strait of Georgia, British Columbia. Canadian Journal of Fisheries and Aquatic Sciences, 1983, 40, 1095-1119.	1.4	15
98	The VANDELS ESO public spectroscopic survey. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	79