

Philip Best

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

3,086
citations

201674

27
h-index

345221

36
g-index

40
all docs

40
docs citations

40
times ranked

3003
citing authors

#	ARTICLE	IF	CITATIONS
1	The LOFAR Two-metre Sky Survey. <i>Astronomy and Astrophysics</i> , 2022, 659, A1.	5.1	169
2	Deep sub-arcsecond wide-field imaging of the Lockman Hole field at 144 MHz. <i>Nature Astronomy</i> , 2022, 6, 350-356.	10.1	21
3	Accretion mode versus radio morphology in the LOFAR Deep Fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 3250-3271.	4.4	22
4	Resolving a dusty, star-forming SHIZELS galaxy at $z = 2.2$ with HST, ALMA, and SINFONI on kiloparsec scales. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 2622-2638.	4.4	21
5	The LOFAR Two-meter Sky Survey: Deep Fields Data Release 1. <i>Astronomy and Astrophysics</i> , 2021, 648, A3.	5.1	57
6	Low-frequency monitoring of flare star binary CR Draconis: long-term electron-cyclotron maser emission. <i>Astronomy and Astrophysics</i> , 2021, 648, A13.	5.1	24
7	The LOFAR Two-meter Sky Survey: Deep Fields Data Release 1. <i>Astronomy and Astrophysics</i> , 2021, 648, A1.	5.1	131
8	The radio loudness of SDSS quasars from the LOFAR Two-metre Sky Survey: ubiquitous jet activity and constraints on star formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 5888-5907.	4.4	28
9	MIGHTEE: total intensity radio continuum imaging and the COSMOS/XMM-LSS Early Science fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 2150-2168.	4.4	39
10	The population of M dwarfs observed at low radio frequencies. <i>Nature Astronomy</i> , 2021, 5, 1233-1239.	10.1	37
11	The e-MERGE Survey (e-MERLIN Galaxy Evolution Survey): overview and survey description. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 1188-1208.	4.4	23
12	A kpc-scale-resolved study of unobscured and obscured star formation activity in normal galaxies at $z = 1.5$ and 2.2 from ALMA and HiZELS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5241-5256.	4.4	12
13	Revisiting the Fanaroff-Riley dichotomy and radio-galaxy morphology with the LOFAR Two-Metre Sky Survey (LoTSS). <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 2701-2721.	4.4	125
14	The energetics of starburst-driven outflows at $z \sim 1$ from KMOS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 381-393.	4.4	23
15	Morphological classification of radio galaxies: capsule networks versus convolutional neural networks. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 1729-1744.	4.4	37
16	The LOFAR Two-metre Sky Survey. <i>Astronomy and Astrophysics</i> , 2019, 622, A1.	5.1	369
17	Dust attenuation in $z \sim 3$ 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
18	The SCUBA-2 Cosmology Legacy Survey: 850 μ m maps, catalogues and number counts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 1789-1806.	4.4	216

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19	A deep ALMA image of the Hubble Ultra Deep Field. Monthly Notices of the Royal Astronomical Society, 2017, 466, 861-883.	4.4	274
20	The CALYMHA survey: Ly α luminosity function and global escape fraction of Ly α photons at $z=2.23$. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1242-1258.	4.4	78
21	The LOFAR window on star-forming galaxies and AGNs – curved radio SEDs and IR-radio correlation at $z \leq 2.5$. Monthly Notices of the Royal Astronomical Society, 2017, 469, 3468-3488.	4.4	96
22	The H α luminosity-dependent clustering of star-forming galaxies from $z=0.8$ to $z=2.2$ with HiZELS. Monthly Notices of the Royal Astronomical Society, 2017, 469, 2913-2932.	4.4	29
23	Bootes-HiZELS: an optical to near-infrared survey of emission-line galaxies at $z=0.4-4.7$. Monthly Notices of the Royal Astronomical Society, 2017, 471, 629-649.	4.4	38
24	The production and escape of Lyman-Continuum radiation from star-forming galaxies at $z \leq 2$ and their redshift evolution. Monthly Notices of the Royal Astronomical Society, 2017, 465, 3637-3655.	4.4	77
25	LOFAR FACET CALIBRATION. Astrophysical Journal, Supplement Series, 2016, 223, 2.	7.7	184
26	FR II radio galaxies at low frequencies – I. Morphology, magnetic field strength and energetics. Monthly Notices of the Royal Astronomical Society, 2016, 458, 4443-4455.	4.4	47
27	The CALYMHA survey: Ly α escape fraction and its dependence on galaxy properties at $z=2.23$. Monthly Notices of the Royal Astronomical Society, 2016, 458, 449-467.	4.4	77
28	A plethora of diffuse steep spectrum radio sources in Abell 2034 revealed by LOFAR. Monthly Notices of the Royal Astronomical Society, 2016, 459, 277-290.	4.4	46
29	Effect of the interactions and environment on nuclear activity. Monthly Notices of the Royal Astronomical Society, 2013, 430, 638-651.	4.4	107
30	Radio Continuum Surveys with Square Kilometre Array Pathfinders. Publications of the Astronomical Society of Australia, 2013, 30, .	3.4	72
31	The relation between morphology, accretion modes and environmental factors in local radio AGN. Monthly Notices of the Royal Astronomical Society, 2013, 430, 3086-3101.	4.4	80
32	The clustering of H α emitters at $z=2.23$ from HiZELS. Monthly Notices of the Royal Astronomical Society, 2012, 426, 679-689.	4.4	77
33	The properties of the star-forming interstellar medium at $z=0.84-2.23$ from HiZELS: mapping the internal dynamics and metallicity gradients in high-redshift disc galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 426, 935-950.	4.4	139
34	Deep multi-frequency radio imaging in the Lockman Hole – II. The spectral index of submillimetre galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2010, 401, L53-L57.	3.3	85
35	Evolution of AGN Space Densities and the Fanaroff-Riley Dichotomy. Proceedings of the International Astronomical Union, 2009, 5, 109-109.	0.0	0
36	On the evolution of the black-hole/spheroid mass ratio. Astronomische Nachrichten, 2006, 327, 213-216.	1.2	4

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37	The SCUBA Half-Degree Extragalactic Survey – I. Survey motivation, design and data processing. Monthly Notices of the Royal Astronomical Society, 2005, 363, 563-580.	4.4	74
38	The nuclear properties and extended morphologies of powerful radio galaxies: the roles of host galaxy and environment. Monthly Notices of the Royal Astronomical Society, 0, , stx007.	4.4	40
39	Radio observations of the double-relic galaxy cluster Abell 1240. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	12
40	Low-frequency observations of the Giant Radio Galaxy NGC 6251. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	8