

Philip Best

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/38992/publications.pdf>

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> , 2019, 622, A1.	5.1	369
2	A deep ALMA image of the Hubble Ultra Deep Field. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 861-883.	4.4	274
3	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
4	LOFAR FACET CALIBRATION. <i>Astrophysical Journal, Supplement Series</i> , 2016, 223, 2.	7.7	184
5	The LOFAR Two-metre Sky Survey. <i>Astronomy and Astrophysics</i> , 2022, 659, A1.	5.1	169
6	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. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 935-950.	4.4	139
7	The LOFAR Two-meter Sky Survey: Deep Fields Data Release 1. <i>Astronomy and Astrophysics</i> , 2021, 648, A1.	5.1	131
8	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
9	Effect of the interactions and environment on nuclear activity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 638-651.	4.4	107
10	The LOFAR window on star-forming galaxies and AGNs – curved radio SEDs and IR-radio correlation at $z=2.5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 3468-3488.	4.4	96
11	Dust attenuation in $z=2-3$ 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
12	Deep multi-frequency radio imaging in the Lockman Hole II. The spectral index of submillimetre galaxies. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2010, 401, L53-L57.	3.3	85
13	The relation between morphology, accretion modes and environmental factors in local radio AGN. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 3086-3101.	4.4	80
14	The CALYMHA survey: Ly α luminosity function and global escape fraction of Ly α photons at $z=2.23$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 1242-1258.	4.4	78
15	The clustering of H α emitters at $z=2.23$ from HiZELS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 679-689.	4.4	77
16	The CALYMHA survey: Ly α escape fraction and its dependence on galaxy properties at $z=2.23$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 449-467.	4.4	77
17	The production and escape of Lyman-Continuum radiation from star-forming galaxies at $z=2$ and their redshift evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 3637-3655.	4.4	77
18	The SCUBA Half-Degree Extragalactic Survey – I. Survey motivation, design and data processing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 363, 563-580.	4.4	74

#	ARTICLE	IF	CITATIONS
19	Radio Continuum Surveys with Square Kilometre Array Pathfinders. Publications of the Astronomical Society of Australia, 2013, 30, .	3.4	72
20	The LOFAR Two-meter Sky Survey: Deep Fields Data Release 1. Astronomy and Astrophysics, 2021, 648, A3.	5.1	57
21	FR II radio galaxies at low frequencies â€“ I. Morphology, magnetic field strength and energetics. Monthly Notices of the Royal Astronomical Society, 2016, 458, 4443-4455.	4.4	47
22	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
23	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
24	MIGHTEE: total intensity radio continuum imaging and the COSMOS/XMM-LSS Early Science fields. Monthly Notices of the Royal Astronomical Society, 2021, 509, 2150-2168.	4.4	39
25	BoÃ“tes-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
26	Morphological classification of radio galaxies: capsule networks versus convolutional neural networks. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1729-1744.	4.4	37
27	The population of M dwarfs observed at low radio frequencies. Nature Astronomy, 2021, 5, 1233-1239.	10.1	37
28	The $H\alpha$ 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
29	The radio loudness of SDSS quasars from the LOFAR Two-metre Sky Survey: ubiquitous jet activity and constraints on star formation. Monthly Notices of the Royal Astronomical Society, 2021, 506, 5888-5907.	4.4	28
30	Low-frequency monitoring of flare star binary CR Draconis: long-term electron-cyclotron maser emission. Astronomy and Astrophysics, 2021, 648, A13.	5.1	24
31	The energetics of starburst-driven outflows at $z=0-1$ from KMOS. Monthly Notices of the Royal Astronomical Society, 2019, 487, 381-393.	4.4	23
32	The e-MERGE Survey (e-MERLIN Galaxy Evolution Survey): overview and survey description. Monthly Notices of the Royal Astronomical Society, 2020, 495, 1188-1208.	4.4	23
33	Accretion mode versus radio morphology in the LOFAR Deep Fields. Monthly Notices of the Royal Astronomical Society, 2022, 511, 3250-3271.	4.4	22
34	Resolving a dusty, star-forming SHiZELS galaxy at $z = 2.2$ with <i>HST</i> , ALMA, and SINFONI on kiloparsec scales. Monthly Notices of the Royal Astronomical Society, 2021, 503, 2622-2638.	4.4	21
35	Deep sub-arcsecond wide-field imaging of the Lockman Hole field at 144 MHz. Nature Astronomy, 2022, 6, 350-356.	10.1	21
36	Radio observations of the double-relic galaxy cluster Abell 1240. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	12

#	ARTICLE	IF	CITATIONS
37	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. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5241-5256.	4.4	12
38	Low-frequency observations of the Giant Radio Galaxy NGC 6251. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	8
39	On the evolution of the black-hole/spheroid mass ratio. Astronomische Nachrichten, 2006, 327, 213-216.	1.2	4
40	Evolution of AGN Space Densities and the Fanaroff-Riley Dichotomy. Proceedings of the International Astronomical Union, 2009, 5, 109-109.	0.0	0