

Luke A Barnes

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,906
citations

567281

15
h-index

552781

26
g-index

32
all docs

32
docs citations

32
times ranked

2990
citing authors

#	ARTICLE	IF	CITATIONS
1	MASS AND ENVIRONMENT AS DRIVERS OF GALAXY EVOLUTION IN SDSS AND zCOSMOS AND THE ORIGIN OF THE SCHECHTER FUNCTION. <i>Astrophysical Journal</i> , 2010, 721, 193-221.	4.5	1,485
2	The SAMI Galaxy Survey: instrument specification and target selection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 2857-2879.	4.4	370
3	THE RADIAL AND AZIMUTHAL PROFILES OF Mg II ABSORPTION AROUND 0.5 z 0.9 zCOSMOS GALAXIES OF DIFFERENT COLORS, MASSES, AND ENVIRONMENTS. <i>Astrophysical Journal</i> , 2011, 743, 10.	4.5	245
4	The SAMI Galaxy Survey: Early Data Release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 1567-1583.	4.4	132
5	The SAMI Galaxy Survey: cubism and covariance, putting round pegs into square holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 1551-1566.	4.4	95
6	THE zCOSMOS 20k GROUP CATALOG. <i>Astrophysical Journal</i> , 2012, 753, 121.	4.5	88
7	Galactic winds and extended Ly α emission from the host galaxies of high column density quasi-stellar object absorption systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 416, 1723-1738.	4.4	55
8	The Fine-Tuning of the Universe for Intelligent Life. <i>Publications of the Astronomical Society of Australia</i> , 2012, 29, 529-564.	3.4	54
9	Faint extended Ly α emission due to star formation at the centre of high column density QSO absorption systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 403, 870-885.	4.4	51
10	THE COLORS OF CENTRAL AND SATELLITE GALAXIES IN zCOSMOS OUT TO z OF 0.8 AND IMPLICATIONS FOR QUENCHING. <i>Astrophysical Journal</i> , 2013, 769, 24.	4.5	48
11	The bias of DLAs at $z \sim 2.3$: evidence for very strong stellar feedback in shallow potential wells. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 2313-2321.	4.4	38
12	A joint model for the emission and absorption properties of damped Ly α absorption systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 397, 511-519.	4.4	36
13	Expanding Space: the Root of all Evil?. <i>Publications of the Astronomical Society of Australia</i> , 2007, 24, 95-102.	3.4	26
14	Joining the Hubble flow: implications for expanding space. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 373, 382-390.	4.4	24
15	Ly α and Mg II as Probes of Galaxies and Their Environment. <i>Publications of the Astronomical Society of the Pacific</i> , 2014, 126, 969-1009.	3.1	23
16	Primordial nucleosynthesis in the $R_{\text{h}} = ct$ cosmology: pouring cold water on the simmering Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 291-296.	4.4	16
17	Galaxy formation efficiency and the multiverse explanation of the cosmological constant with EAGLE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 3727-3743.	4.4	14
18	The Influence of Evolving Dark Energy on Cosmology. <i>Publications of the Astronomical Society of Australia</i> , 2005, 22, 315-325.	3.4	11

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19	Binding the diproton in stars: anthropic limits on the strength of gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 050-050.	5.4	11
20	The impact of dark energy on galaxy formation. What does the future of our Universe hold?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 3744-3759.	4.4	10
21	Producing the deuteron in stars: anthropic limits on fundamental constants. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 036-036.	5.4	9
22	Cosmological radar ranging in an expanding universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 388, 960-964.	4.4	8
23	Fine-tuning in the context of Bayesian theory testing. <i>European Journal for Philosophy of Science</i> , 2018, 8, 253-269.	1.1	5
24	Testing the Multiverse: Bayes, Fine-Tuning and Typicality. , 0, , 447-466.		3
25	The one-way speed of light and the Milne universe. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	3.4	2
26	Bell's Spaceships: The Views from Bow and Stern. <i>Publications of the Astronomical Society of Australia</i> , 2018, 35, .	3.4	1
27	Under an iron sky: On the entropy at the start of the Universe. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, .	3.4	1
28	Big Bang Nucleosynthesis Initial Conditions: Revisiting Wagoner et al. (1967). <i>Research Notes of the AAS</i> , 2021, 5, 106.	0.7	0
29	Good God!. <i>Inference</i> , 2016, 2, .	0.0	0