

# Luke A Barnes

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2402571/publications.pdf>

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	The one-way speed of light and the Milne universe. Publications of the Astronomical Society of Australia, 2021, 38, .	3.4	2
2	Big Bang Nucleosynthesis Initial Conditions: Revisiting Wagoner et al. (1967). Research Notes of the AAS, 2021, 5, 106.	0.7	0
3	Under an iron sky: On the entropy at the start of the Universe. Publications of the Astronomical Society of Australia, 2021, 38, .	3.4	1
4	The impact of dark energy on galaxy formation. What does the future of our Universe hold?. Monthly Notices of the Royal Astronomical Society, 2018, 477, 3744-3759.	4.4	10
5	Bellâ€™s Spaceships: The Views from Bow and Stern. Publications of the Astronomical Society of Australia, 2018, 35, .	3.4	1
6	Fine-tuning in the context of Bayesian theory testing. European Journal for Philosophy of Science, 2018, 8, 253-269.	1.1	5
7	Galaxy formation efficiency and the multiverse explanation of the cosmological constant with EAGLE simulations. Monthly Notices of the Royal Astronomical Society, 2018, 477, 3727-3743.	4.4	14
8	Producing the deuteron in stars: anthropic limits on fundamental constants. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 036-036.	5.4	9
9	Primordial nucleosynthesis in the $\Lambda$ CDM cosmology: pouring cold water on the simmering Universe. Monthly Notices of the Royal Astronomical Society, 2016, 460, 291-296.	4.4	16
10	Good God!. Inference, 2016, 2, .	0.0	0
11	Binding the diproton in stars: anthropic limits on the strength of gravity. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 050-050.	5.4	11
12	The SAMI Galaxy Survey: instrument specification and target selection. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2857-2879.	4.4	370
13	The SAMI Galaxy Survey: cubism and covariance, putting round pegs into square holes. Monthly Notices of the Royal Astronomical Society, 2015, 446, 1551-1566.	4.4	95
14	The SAMI Galaxy Survey: Early Data Release. Monthly Notices of the Royal Astronomical Society, 2015, 446, 1567-1583.	4.4	132
15	Ly- $\alpha$ and Mg II as Probes of Galaxies and Their Environment. Publications of the Astronomical Society of the Pacific, 2014, 126, 969-1009.	3.1	23
16	The bias of DLAs at $z \sim 2.3$ : evidence for very strong stellar feedback in shallow potential wells. Monthly Notices of the Royal Astronomical Society, 2014, 440, 2313-2321.	4.4	38
17	THE COLORS OF CENTRAL AND SATELLITE GALAXIES IN zCOSMOS OUT TO $z \approx 0.8$ AND IMPLICATIONS FOR QUENCHING. Astrophysical Journal, 2013, 769, 24.	4.5	48
18	THE zCOSMOS 20k GROUP CATALOG. Astrophysical Journal, 2012, 753, 121.	4.5	88

#	ARTICLE	IF	CITATIONS
19	The Fine-Tuning of the Universe for Intelligent Life. Publications of the Astronomical Society of Australia, 2012, 29, 529-564.	3.4	54
20	THE RADIAL AND AZIMUTHAL PROFILES OF Mg II ABSORPTION AROUND 0.5 <math>z</math> <math>0.9</math> zCOSMOS GALAXIES OF DIFFERENT COLORS, MASSES, AND ENVIRONMENTS. Astrophysical Journal, 2011, 743, 10.	4.5	245
21	Galactic winds and extended Ly $\alpha$ emission from the host galaxies of high column density quasi-stellar object absorption systems. Monthly Notices of the Royal Astronomical Society, 2011, 416, 1723-1738.	4.4	55
22	MASS AND ENVIRONMENT AS DRIVERS OF GALAXY EVOLUTION IN SDSS AND zCOSMOS AND THE ORIGIN OF THE SCHECHTER FUNCTION. Astrophysical Journal, 2010, 721, 193-221.	4.5	1,485
23	A joint model for the emission and absorption properties of damped Ly $\alpha$ absorption systems. Monthly Notices of the Royal Astronomical Society, 2009, 397, 511-519.	4.4	36
24	Cosmological radar ranging in an expanding universe <sup>...</sup> . Monthly Notices of the Royal Astronomical Society, 2008, 388, 960-964.	4.4	8
25	Expanding Space: the Root of all Evil?. Publications of the Astronomical Society of Australia, 2007, 24, 95-102.	3.4	26
26	Joining the Hubble flow: implications for expanding space. Monthly Notices of the Royal Astronomical Society, 2006, 373, 382-390.	4.4	24
27	The Influence of Evolving Dark Energy on Cosmology. Publications of the Astronomical Society of Australia, 2005, 22, 315-325.	3.4	11
28	Faint extended Ly $\alpha$ emission due to star formation at the centre of high column density QSO absorption systems. Monthly Notices of the Royal Astronomical Society, 0, 403, 870-885.	4.4	51
29	Testing the Multiverse: Bayes, Fine-Tuning and Typicality. , 0, , 447-466.		3