

# Lukas Hollenstein

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3505092/publications.pdf>

Version: 2024-02-01

18  
papers

1,977  
citations

566801

15  
h-index

940134

16  
g-index

18  
all docs

18  
docs citations

18  
times ranked

2039  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cosmology and Fundamental Physics with the Euclid Satellite. Living Reviews in Relativity, 2013, 16, 6.	8.2	683
2	Cosmology and fundamental physics with the Euclid satellite. Living Reviews in Relativity, 2018, 21, 2.	8.2	602
3	Can slow roll inflation induce relevant helical magnetic fields?. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 037-037.	1.9	121
4	Stability of the Einstein static universe in $f(R)$ theories. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 037-037.	1.6	118
5	Exact solutions of $f(R)$ theories. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 078-078.	1.6	118
6	Dark matter distribution function from non-extensive statistical mechanics. New Astronomy, 2005, 10, 379-384.	0.8	63
7	Theoretical priors on modified growth parametrisations. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 018-018.	1.9	62
8	Resonant magnetic fields from inflation. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 009-009.	1.9	44
9	Constraints on early dark energy from CMB lensing and weak lensing tomography. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 012-012.	1.9	43
10	Early dark energy from zero-point quantum fluctuations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 102-107.	1.5	33
11	Challenges for creating magnetic fields by cosmic defects. Physical Review D, 2008, 77, .	1.6	25
12	Zero-point quantum fluctuations in cosmology. Physical Review D, 2012, 85, .	1.6	25
13	Nonlinear cosmological consistency relations and effective matter stresses. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 038-038.	1.9	23
14	The traces of anisotropic dark energy in light of Planck. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 032-032.	1.9	19
15	Generation of helical magnetic fields from inflation. Journal of Physics: Conference Series, 2014, 484, 012062.	0.3	17
16	Cosmological Ohm's law and dynamics of non-minimal electromagnetism. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 013-013.	1.9	7
17	STABILITY OF THE EINSTEIN STATIC UNIVERSE IN MODIFIED THEORIES OF GRAVITY. , 2012, , .		3
18	SimLack: Simulation-based Optimization and Scheduling of Generic Powder Coating Lines. SNE Simulation Notes Europe, 2019, 29, 127-132.	0.2	0