

Lukas Hollenstein

List of Publications by Year in descending order

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18
papers

1,977
citations

567281

15
h-index

940533

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.	26.7	683
2	Cosmology and fundamental physics with the Euclid satellite. Living Reviews in Relativity, 2018, 21, 2.	26.7	602
3	Can slow roll inflation induce relevant helical magnetic fields?. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 037-037.	5.4	121
4	Stability of the Einstein static universe in $f(R)$ theories. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 037-037.	4.7	118
5	Exact solutions of $f(R)$ theories. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 037-037.	4.7	118
6	Dark matter distribution function from non-extensive statistical mechanics. <i>New Astronomy</i> , 2005, 10, 379-384.	1.8	63
7	Theoretical priors on modified growth parametrisations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 018-018.	5.4	62
8	Resonant magnetic fields from inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 009-009.	5.4	44
9	Constraints on early dark energy from CMB lensing and weak lensing tomography. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 012-012.	5.4	43
10	Early dark energy from zero-point quantum fluctuations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 704, 102-107.	4.1	33
11	Challenges for creating magnetic fields by cosmic defects. <i>Physical Review D</i> , 2008, 77, .	4.7	25
12	Zero-point quantum fluctuations in cosmology. <i>Physical Review D</i> , 2012, 85, .	4.7	25
13	Nonlinear cosmological consistency relations and effective matter stresses. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 038-038.	5.4	23
14	The traces of anisotropic dark energy in light of Planck. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 032-032.	5.4	19
15	Generation of helical magnetic fields from inflation. <i>Journal of Physics: Conference Series</i> , 2014, 484, 012062.	0.4	17
16	Cosmological Ohm's law and dynamics of non-minimal electromagnetism. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 013-013.	5.4	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. <i>SNE Simulation Notes Europe</i> , 2019, 29, 127-132.	0.3	0