Antony Lewis

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/443935/publications.pdf

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25 papers	5,675 citations	471509 17 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	3004 citing authors

#	Article	IF	Citations
1	Simons Observatory: Constraining inflationary gravitational waves with multitracer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi></mml:math> -mode delensing. Physical Review D, 2022, 105, .	4.7	13
2	Lensed CMB power spectrum biases from masking extragalactic sources. Physical Review D, 2021, 103, .	4.7	7
3	Quadratic estimators for CMB weak lensing. Physical Review D, 2021, 103, .	4.7	28
4	Cobaya: code for Bayesian analysis of hierarchical physical models. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 057.	5.4	173
5	Instrumental systematics biases in CMB lensing reconstruction: A simulation-based assessment. Physical Review D, 2021, 103, .	4.7	8
6	The Simons Observatory: science goals and forecasts. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 056-056.	5.4	741
7	CMB lensing reconstruction biases in cross-correlation with large-scale structure probes. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 057-057.	5.4	42
8	Optimal filtering for CMB lensing reconstruction. Physical Review D, 2019, 100, .	4.7	12
9	Maximum a posteriori CMB lensing reconstruction. Physical Review D, 2017, 96, .	4.7	63
10	Full covariance of CMB and lensing reconstruction power spectra. Physical Review D, 2017, 95, .	4.7	51
11	Effect of lensing non-Gaussianity on the CMB power spectra. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 003-003.	5.4	23
12	Impact of post-Born lensing on the CMB. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 047-047.	5.4	82
13	Impact of polarization on the intrinsic cosmic microwave background bispectrum. Physical Review D, 2014, 90, .	4.7	22
14	CMB lensing reconstruction using cut sky polarization maps and pureBmodes. Physical Review D, 2014, 90, .	4.7	10
15	Joint analysis of CMB temperature and lensing-reconstruction power spectra. Physical Review D, 2013, 88, .	4.7	49
16	Constraining primordial magnetism. Physical Review D, 2012, 86, .	4.7	84
17	Recovering 3D clustering information with angular correlations. Monthly Notices of the Royal Astronomical Society, 2012, 427, 1891-1902.	4.4	69
18	Improving CMB non-Gaussianity estimators using tracers of local structure. Physical Review D, 2011, 83, .	4.7	6

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19	The shape of the CMB lensing bispectrum. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 018-018.	5.4	143
20	Weak lensing of the CMB. General Relativity and Gravitation, 2010, 42, 2197-2218.	2.0	81
21	Asymmetric beams and CMB statistical anisotropy. Physical Review D, 2010, 81, .	4.7	86
22	Lensed CMB power spectra from all-sky correlation functions. Physical Review D, 2005, 71, .	4.7	130
23	Electron Scattering without Spin Sums. International Journal of Theoretical Physics, 2001, 40, 363-376.	1.2	3
24	Quadratic Lagrangians and Topology in Gauge Theory Gravity. General Relativity and Gravitation, 2000, 32, 161-174.	2.0	4
25	Efficient Computation of Cosmic Microwave Background Anisotropies in Closed Friedmannâ€Robertsonâ€Walker Models. Astrophysical Journal, 2000, 538, 473-476.	4.5	3,745