Joel Meyers

List of Publications by Year
in descending order

31 papers	1,364 citations	623734 14 h-index	454955 30 g-index
31 all docs	31 docs citations	31 times ranked	1443 citing authors

#	Article	IF	Citations
1	Reconstructing cosmic polarization rotation with ResUNet-CMB. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 030.	5.4	6
2	Gravitational wave timing array. Physical Review D, 2022, 105, .	4.7	9
3	The benefits of CMB delensing. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 020.	5.4	20
4	Mapping the Universe in hydrogen deuteride. Physical Review D, 2022, 105, .	4.7	4
5	Cosmology with Rayleigh scattering of the cosmic microwave background. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 060-060.	5.4	7
6	Optimal filters for the moving lens effect. Physical Review D, 2021, 103, .	4.7	14
7	Searching for gravitational waves with strongly lensed repeating fast radio bursts. Physical Review D, 2021, 103, .	4.7	11
8	Reconstructing patchy reionization with deep learning. Physical Review D, 2021, 104, .	4.7	11
9	Prospects and limitations for constraining light relics with primordial abundance measurements. Physical Review D, 2020, 101, .	4.7	4
10	Transverse Velocities with the Moving Lens Effect. Physical Review Letters, 2019, 123, 061301.	7.8	29
11	Dark Matter Interactions, Helium, and the Cosmic Microwave Background. Physical Review Letters, 2019, 122, 041301.	7.8	18
12	Aspects of dark matter annihilation in cosmology. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 025-025.	5.4	9
13	Cosmic variance mitigation in measurements of the integrated Sachs-Wolfe effect. Physical Review D, 2019, 99, .	4.7	3
14	The Simons Observatory: science goals and forecasts. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 056-056.	5.4	741
15	Effect of reheating on predictions following multiple-field inflation. Physical Review D, 2018, 97, .	4.7	9
16	Lensing reconstruction from line intensity maps: the impact of gravitational nonlinearity. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 046-046.	5.4	30
17	Beyond CMB cosmic variance limits on reionization with the polarized Sunyaev-Zelâ€™dovich effect. Physical Review D, 2018, 97, .	4.7	19
18	CCAT-Prime: science with an ultra-widefield submillimeter observatory on Cerro Chajnantor. , 2018, , .		24

#	Article	IF	Citations
19	Single-field inflation and the local ansatz: Distinguishability and consistency. Physical Review D, 2017, 95, .	4.7	6
20	Establishing the origin of CMB <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi></mml:math> -mode polarization. Physical Review D, 2017, 96, .	4.7	3
21	CMB delensing beyond theBmodes. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 005-005.	5.4	45
22	Reconstructing CMB fluctuations and the mean reionization optical depth. Physical Review D, 2017, 95, .	4.7	8
23	Reconstructing the primary CMB dipole. Physical Review D, 2017, 96, .	4.7	14
24	CMBB-mode non-Gaussianity. Physical Review D, 2016, 93, .	4.7	35
25	Phases of new physics in the CMB. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 007-007.	5.4	112
26	Multiwavelength constraints on the inflationary consistency relation. Physical Review D, 2015, 91, .	4.7	28
27	Monthly modulation in dark matter direct-detection experiments. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 006-006.	5.4	2
28	Perturbative reheating after multiple-field inflation: The impact on primordial observables. Physical Review D, 2014, 89, .	4.7	32
29	Adiabaticity and the fate of non-Gaussianities: The trispectrum and beyond. Physical Review D, 2011, 84, .	4.7	17
30	Non-Gaussianities in multifield inflation: Superhorizon evolution, adiabaticity, and the fate of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>f</mml:mi><mml:mi>NL</mml:mi></mml:msub></mml:math>. Physical Review D, 2011, 83, .	4.7	34
31	Dark radiation emerging after big bang nucleosynthesis?. Physical Review D, 2011, 83, .	4.7	60