JosÃ© Fonseca

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7443679/publications.pdf

Version: 2024-02-01

27	925	516710 16	580821 25
papers	citations	h-index	g-index

27	27	27	983
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cosmology with Phase 1 of the Square Kilometre Array Red Book 2018: Technical specifications and performance forecasts. Publications of the Astronomical Society of Australia, 2020, 37, .	3.4	195
2	Fundamental physics with the Square Kilometre Array. Publications of the Astronomical Society of Australia, 2020, 37, .	3.4	179
3	HUNTING DOWN HORIZON-SCALE EFFECTS WITH MULTI-WAVELENGTH SURVEYS. Astrophysical Journal Letters, 2015, 812, L22.	8.3	100
4	Cosmology with intensity mapping techniques using atomic and molecular lines. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1948-1965.	4.4	54
5	Hâ€‰<scp>i</scp> intensity mapping with MeerKAT: calibration pipeline for multidish autocorrelation observations. Monthly Notices of the Royal Astronomical Society, 2021, 505, 3698-3721.	4.4	41
6	Simulated multitracer analyses with Hâ€‰<scp>i</scp> intensity mapping. Monthly Notices of the Royal Astronomical Society, 2019, 485, 5519-5531.	4.4	31
7	Primordial non-Gaussianity from mixed inflaton-curvaton perturbations. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 028-028.	5.4	30
8	SKAO Hâ€‰<scp>i</scp> intensity mapping: blind foreground subtraction challenge. Monthly Notices of the Royal Astronomical Society, 2021, 509, 2048-2074.	4.4	30
9	Large-scale perturbations from the waterfall field in hybrid inflation. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 012-012.	5.4	28
10	Probing the primordial Universe with MeerKAT and DES. Monthly Notices of the Royal Astronomical Society, 2017, 466, 2780-2786.	4.4	26
11	Synergies between intensity maps of hydrogen lines. Monthly Notices of the Royal Astronomical Society, 2018, 479, 3490-3497.	4.4	23
12	Optimized angular power spectra for spectroscopic galaxy surveys. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1251-1261.	4.4	21
13	Non-Gaussianity and gravitational waves from a quadratic and self-interacting curvaton. Physical Review D, 2011, 83, .	4.7	19
14	Non-Gaussianity constraints using future radio continuum surveys and the multitracer technique. Monthly Notices of the Royal Astronomical Society, 2020, 492, 1513-1522.	4.4	18
15	Constraints on the growth rate using the observed galaxy power spectrum. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 028-028.	5.4	16
16	Magnification and evolution biases in large-scale structure surveys. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 009.	5.4	16
17	zBEAMS: a unified solution for supernova cosmology with redshift uncertainties. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 036-036.	5.4	14
18	Multi-wavelength spectroscopic probes: prospects for primordial non-Gaussianity and relativistic effects. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 010.	5.4	14

#	Article	IF	Citations
19	Probing primordial non-Gaussianity with the power spectrum and bispectrum of future 21Âcm intensity maps. Physics of the Dark Universe, 2021, 32, 100821.	4.9	13
20	Constraining the growth rate by combining multiple future surveys. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 054-054.	5.4	13
21	Multi-wavelength spectroscopic probes: biases from neglecting light-cone effects. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 004.	5.4	11
22	Superparamagnetic polyacrylamide/magnetite composite gels. Journal of Dispersion Science and Technology, 0, , 1-9.	2.4	8
23	Measuring ultralarge scale effects in the presence of 21â€‰cm intensity mapping foregrounds. Monthly Notices of the Royal Astronomical Society, 2021, 504, 267-279.	4.4	8
24	Tilted ekpyrosis. Physical Review D, 2011, 84, .	4.7	5
25	A Large Sky Survey with MeerKAT. , 2018, , .		5
26	High-redshift cosmology with oxygen lines from HÎ± surveys. Monthly Notices of the Royal Astronomical Society, 2020, 495, 1340-1348.	4.4	4
27	Anti-symmetric clustering signals in the observed power spectrum. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 003.	5.4	3