

Guillermo Ballesteros

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,353
citations

331670

21
h-index

501196

28
g-index

28
all docs

28
docs citations

28
times ranked

1359
citing authors

#	ARTICLE	IF	CITATIONS
1	Large power spectrum and primordial black holes in the effective theory of inflation. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	4.7	15
2	How warm are non-thermal relics? Lyman- α bounds on out-of-equilibrium dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 101.	5.4	57
3	Revisiting isocurvature bounds in models unifying the axion with the inflaton. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 036.	5.4	6
4	X-ray and gamma-ray limits on the primordial black hole abundance from Hawking radiation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 808, 135624.	4.1	40
5	Stochastic inflationary dynamics beyond slow-roll and consequences for primordial black hole formation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 043-043.	5.4	35
6	Detuning primordial black hole dark matter with early matter domination and axion monodromy. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 014-014.	5.4	32
7	Primordial black holes as dark matter and gravitational waves from single-field polynomial inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 025-025.	5.4	64
8	The H_0 tension: $\hat{\Gamma}^G_N$ vs. $\hat{\Gamma}^N_{eff}$. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 024-024.	5.4	50
9	Black hole formation from a general quadratic action for inflationary primordial fluctuations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 016-016.	5.4	74
10	Several Problems in Particle Physics and Cosmology Solved in One SMASH. <i>Frontiers in Astronomy and Space Sciences</i> , 2019, 6, .	2.8	14
11	Primordial black hole dark matter from single field inflation. <i>Physical Review D</i> , 2018, 97, .	4.7	209
12	On the merger rate of primordial black holes: effects of nearest neighbours distribution and clustering. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 043-043.	5.4	77
13	Unifying Inflation with the Axion, Dark Matter, Baryogenesis, and the Seesaw Mechanism. <i>Physical Review Letters</i> , 2017, 118, 071802.	7.8	126
14	Standard Model axion seesaw Higgs portal inflation. Five problems of particle physics and cosmology solved in one stroke. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 001-001.	5.4	122
15	Exceptional composite dark matter. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	32
16	Massive and modified gravity as self-gravitating media. <i>Physical Review D</i> , 2016, 94, .	4.7	23
17	Thermodynamics of perfect fluids from scalar field theory. <i>Physical Review D</i> , 2016, 94, .	4.7	20
18	Radiative plateau inflation. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	23

#	ARTICLE	IF	CITATIONS
19	Large tensor-to-scalar ratio and running of the scalar spectral index with instep inflation. Physical Review D, 2015, 91, .	4.7	13
20	The effective theory of fluids at NLO and implications for dark energy. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 001-001.	5.4	21
21	Higgs portal valleys, stability and inflation. Journal of High Energy Physics, 2015, 2015, 1.	4.7	13
22	Effects of modified gravity on B -mode polarization. Physical Review D, 2014, 90, .	4.7	64
23	The effective field theory of multi-component fluids. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 007-007.	5.4	16
24	Effective perfect fluids in cosmology. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 001-001.	5.4	29
25	Nonlinear cosmological consistency relations and effective matter stresses. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 038-038.	5.4	23
26	Non-linear dark energy clustering. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 014-014.	5.4	26
27	Dark energy with non-adiabatic sound speed: initial conditions and detectability. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 014-014.	5.4	71
28	Parameterizing the effect of dark energy perturbations on the growth of structures. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 668, 171-176.	4.1	58