

Diana LÃ³pez Nacir

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

636
citations

623734

14
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

667
citing authors

#	ARTICLE	IF	CITATIONS
1	Decoherence during inflation: The generation of classical inhomogeneities. <i>Physical Review D</i> , 2005, 72, .	4.7	105
2	Dissipative effects in the effective field theory of inflation. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	80
3	Ultralight Dark Matter Resonates with Binary Pulsars. <i>Physical Review Letters</i> , 2017, 118, 261102.	7.8	80
4	$\frac{1}{\sqrt{2}}$ Not $\frac{1}{\sqrt{2}}$ Testing the Simplest Inflationary Potential. <i>Physical Review Letters</i> , 2014, 112, 241303.	7.8	44
5	O(N) model in Euclidean de Sitter space: beyond the leading infrared approximation. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	40
6	Implications of the scalar tilt for the tensor-to-scalar ratio. <i>Physical Review D</i> , 2015, 92, .	4.7	36
7	$\frac{1}{\sqrt{2}}$ inflation at its endpoint. <i>Physical Review D</i> , 2014, 90, .	4.7	30
8	Long distance behavior of O(N)-model correlators in de Sitter space and the resummation of secular terms. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	29
9	Running of Newton's constant and noninteger powers of the \square -Alembertian. <i>Physical Review D</i> , 2007, 75, .	4.7	28
10	Secular effects of ultralight dark matter on binary pulsars. <i>Physical Review D</i> , 2020, 101, .	4.7	21
11	Counterterms in semiclassical Hawking-Lifshitz gravity. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	20
12	To the sphere and back again: de Sitter infrared correlators at NTLO in 1/N. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	15
13	Backreaction in trans-Planckian cosmology: Renormalization, trace anomaly, and self-consistent solutions. <i>Physical Review D</i> , 2007, 76, .	4.7	14
14	Pulsar timing array constraints on spin-2 ULDM. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 031-031.	5.4	14
15	Renormalized stress tensor for trans-Planckian cosmology. <i>Physical Review D</i> , 2005, 72, .	4.7	13
16	Vector fuzzy dark matter, fifth forces, and binary pulsars. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 044-044.	5.4	13
17	Binary pulsars as probes for spin-2 ultralight dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 053-053.	5.4	13
18	Hartree approximation in curved spacetimes revisited: The effective potential in de Sitter spacetime. <i>Physical Review D</i> , 2014, 89, .	4.7	12

#	ARTICLE	IF	CITATIONS
19	New counterterms induced by trans-Planckian physics in semiclassical gravity. <i>Physical Review D</i> , 2008, 78, .	4.7	7
20	Failures of homogeneous and isotropic cosmologies in extended quasidilaton massive gravity. <i>Physical Review D</i> , 2017, 96, .	4.7	7
21	Massless Interacting Scalar Fields in de Sitter space. <i>EPJ Web of Conferences</i> , 2016, 125, 05019.	0.3	6
22	Hartree approximation in curved spacetimes revisited. II. The semiclassical Einstein equations and de Sitter self-consistent solutions. <i>Physical Review D</i> , 2014, 89, .	4.7	5
23	Renormalization in theories with modified dispersion relations: Weak gravitational fields. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 672, 294-298.	4.1	3
24	Quantum backreaction of $O(N)$ -symmetric scalar fields and de Sitter spacetimes at the renormalization point: Renormalization schemes and the screening of the cosmological constant. <i>Physical Review D</i> , 2021, 103, .	4.7	1