

Diana LÃ³pez Nacir

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9287309/publications.pdf>

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	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
2	Pulsar timing array constraints on spin-2 ULDM. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 031-031.	5.4	14
3	Secular effects of ultralight dark matter on binary pulsars. <i>Physical Review D</i> , 2020, 101, .	4.7	21
4	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
5	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
6	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
7	Vector fuzzy dark matter, fifth forces, and binary pulsars. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 044-044.	5.4	13
8	Ultralight Dark Matter Resonates with Binary Pulsars. <i>Physical Review Letters</i> , 2017, 118, 261102.	7.8	80
9	Failures of homogeneous and isotropic cosmologies in extended quasidilaton massive gravity. <i>Physical Review D</i> , 2017, 96, .	4.7	7
10	Massless Interacting Scalar Fields in de Sitter space. <i>EPJ Web of Conferences</i> , 2016, 125, 05019.	0.3	6
11	$O(N)$ model in Euclidean de Sitter space: beyond the leading infrared approximation. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	40
12	Implications of the scalar tilt for the tensor-to-scalar ratio. <i>Physical Review D</i> , 2015, 92, .	4.7	36
13	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:msup} \langle \text{mml:mi} \rangle \dot{\phi} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle \text{inflation at its endpoint. } \text{Physical Review D, 2014, 90, .}$	4.7	30
14	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
15	Hartree approximation in curved spacetimes revisited: The effective potential in de Sitter spacetime. <i>Physical Review D</i> , 2014, 89, .	4.7	12
16	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:msup} \langle \text{mml:mi} \rangle \dot{\phi} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle \text{or Not} \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:msup} \langle \text{mml:mi} \rangle \dot{\phi} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle \text{: Testing the Simplest Inflationary Potential. } \text{Physical Review Letters, 2014, 112, 241303.}$	7.8	44
17	Dissipative effects in the effective field theory of inflation. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	80
18	Counterterms in semiclassical Hořava-Lifshitz gravity. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	20

#	ARTICLE	IF	CITATIONS
19	Renormalization in theories with modified dispersion relations: Weak gravitational fields. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 672, 294-298.	4.1	3
20	New counterterms induced by trans-Planckian physics in semiclassical gravity. Physical Review D, 2008, 78, .	4.7	7
21	Running of Newton's constant and noninteger powers of the d'Alembertian. Physical Review D, 2007, 75, .	4.7	28
22	Backreaction in trans-Planckian cosmology: Renormalization, trace anomaly, and self-consistent solutions. Physical Review D, 2007, 76, .	4.7	14
23	Decoherence during inflation: The generation of classical inhomogeneities. Physical Review D, 2005, 72, .	4.7	105
24	Renormalized stress tensor for trans-Planckian cosmology. Physical Review D, 2005, 72, .	4.7	13