

Celia del Carmen Escamilla Rivera

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,467
citations

516710

16
h-index

315739

38
g-index

52
all docs

52
docs citations

52
times ranked

674
citing authors

#	ARTICLE	IF	CITATIONS
1	A new parameterized interacting holographic dark energy. European Physical Journal Plus, 2022, 137, 1.	2.6	5
2	Dynamical dark energy models in the light of gravitational-wave transient catalogues. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 060.	5.4	7
3	Neural networks and standard cosmography with newly calibrated high redshift GRB observations. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 016.	5.4	6
4	Constraining cosmological extra dimensions with gravitational wave standard sirens: From theory to current and future multimessenger observations. Physical Review D, 2022, 105, .	4.7	12
5	Cosmology intertwined: A review of the particle physics, astrophysics, and cosmology associated with the cosmological tensions and anomalies. Journal of High Energy Astrophysics, 2022, 34, 49-211.	6.7	350
6	Impact of H_0 priors on $f(T)$ late time cosmology. European Physical Journal Plus, 2022, 137, .	2.6	14
7	Scalar field dark matter with two components: Combined approach from particle physics and cosmology. Physical Review D, 2022, 105, .	4.7	5
8	Cosmological piecewise functions to treat the local Hubble tension. European Physical Journal Plus, 2022, 137, .	2.6	3
9	Late-time and Big Bang Nucleosynthesis constraints for generic modified gravity surveys. European Physical Journal Plus, 2021, 136, 1.	2.6	7
10	Constraining extra dimensions on cosmological scales with LISA future gravitational wave siren data. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 005-005.	5.4	12
11	Observational constraints on complex quintessence with attractive self-interaction. Monthly Notices of the Royal Astronomical Society, 2021, 503, 4008-4015.	4.4	4
12	Dynamical complexity of the teleparallel gravity cosmology. Physical Review D, 2021, 103, .	4.7	16
13	Quantum signatures from Hoavaâ€“Lifshitz cosmography. Classical and Quantum Gravity, 2021, 38, 115009.	4.0	5
14	The Possibility of a Non-Lagrangian Theory of Gravity. Universe, 2021, 7, 230.	2.5	0
15	On negative mass cosmology in General Relativity. Astronomy and Astrophysics, 2021, 651, L13.	5.1	5
16	Improving data-driven model-independent reconstructions and updated constraints on dark energy models from Horndeski cosmology. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 048.	5.4	13
17	Snowmass2021 - Letter of interest cosmology intertwined II: The hubble constant tension. Astroparticle Physics, 2021, 131, 102605.	4.3	228
18	Cosmology intertwined III: $f(R)$ and $S(f)$. Astroparticle Physics, 2021, 131, 102604.	4.3	182

#	ARTICLE	IF	CITATIONS
19	Precision cosmology in modified and extended theories of gravity: An insightful test. <i>Astronomische Nachrichten</i> , 2021, 342, 63-68.	1.2	1
20	Performance of non-parametric reconstruction techniques in the late-time universe. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 016.	5.4	21
21	$f(T, B)$ Cosmography for High Redshifts. <i>Universe</i> , 2021, 7, 441.	2.5	9
22	Stability analysis for cosmological models in $f(T, \hat{A}B)$ gravity. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	42
23	Gravitational waves in braneworlds after multi-messenger events. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	6
24	Is a Bose-Einstein condensate a good candidate for dark matter? A test with galaxy rotation curves. <i>International Journal of Modern Physics D</i> , 2020, 29, 2050063.	2.1	7
25	Bayesian Deep Learning for Dark Energy. , 2020, , .		1
26	A deep learning approach to cosmological dark energy models. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 008-008.	5.4	57
27	Cosmological viable models in $f(T, B)$ theory as solutions to the H_0 tension. <i>Classical and Quantum Gravity</i> , 2020, 37, 165002.	4.0	63
28	Inverse Cosmography: testing the effectiveness of cosmographic polynomials using machine learning. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 007-007.	5.4	13
29	Generic slow-roll and non-gaussianity parameters in $f(R)$ theories. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 028-028.	5.4	19
30	Dynamical cosmologies in Eddington-inspired-Born-Infeld theory. <i>International Journal of Modern Physics D</i> , 2019, 28, 1950167.	2.1	0
31	Unveiling cosmography from the dark energy equation of state. <i>International Journal of Modern Physics D</i> , 2019, 28, 1950154.	2.1	35
32	New parametrized equation of state for dark energy surveys. <i>Physical Review D</i> , 2018, 98, .	4.7	28
33	Stability analysis of a Bose-Einstein condensate trapped in a generic potential. <i>European Physical Journal D</i> , 2018, 72, 1.	1.3	0
34	Cosmological analysis of a Dvali-Gabadadze-Porrati stable model with $H(z)$ observations. <i>Revista Mexicana De Física</i> , 2018, 64, 584-589.	0.4	4
35	The final state of gravitational collapse in Eddington-inspired Born-Infeld theory. <i>Annalen Der Physik</i> , 2017, 529, 1600415.	2.4	12
36	Modified uncertainty principle from the free expansion of a Bose-Einstein condensate. <i>Modern Physics Letters A</i> , 2017, 32, 1750007.	1.2	7

#	ARTICLE	IF	CITATIONS
37	Scalar field as a Bose-Einstein condensate in a Schwarzschild-de Sitter spacetime. International Journal of Modern Physics D, 2017, 26, 1750032.	2.1	4
38	Nonparametric Reconstruction of the Om Diagnostic to Test Λ CDM. Galaxies, 2016, 4, 76.	3.0	11
39	Status on Bidimensional Dark Energy Parameterizations Using SNe Ia JLA and BAO Datasets. Galaxies, 2016, 4, 8.	3.0	22
40	Linear and non-linear perturbations in dark energy models. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 010-010.	5.4	12
41	DBI Galileon inflation in the light of Planck 2015. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 063-063.	5.4	14
42	THE RISE OF A TENSOR INSTABILITY IN EDDINGTON-INSPIRED GRAVITY. , 2015, , .		0
43	THE CLOSED STRING TACHYON AND ITS RELATIONSHIP WITH THE EVOLUTION OF THE UNIVERSE. , 2015, , .		0
44	Scalar field as a Bose-Einstein condensate?. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 034-034.	5.4	14
45	Nonparametric reconstruction of the cosmic expansion with local regression smoothing and simulation extrapolation. Physical Review D, 2014, 89, .	4.7	35
46	Interacting closed string tachyon with modified Chaplygin gas and its stability. Physical Review D, 2013, 88, .	4.7	17
47	BAO Cosmography. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 005-005.	5.4	21
48	Closed string tachyon: inflation and cosmological collapse. Classical and Quantum Gravity, 2013, 30, 035005.	4.0	12
49	Tensor instability in the Eddington-inspired Born-Infeld theory of gravity. Physical Review D, 2012, 85, .	4.7	77
50	Tension between SNeIa and BAO: current status and future forecasts. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 003-003.	5.4	18
51	What local supersymmetry can do for cosmology?. , 2010, , .		2
52	Supersymmetric classical cosmology. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 011-011.	5.4	9