Marcos A Garcia Garcia

List of Publications by Year
in descending order

37 papers	1,152 citations	331670 21 h-index	377865 34 g-index
37 all docs	37 docs citations	37 times ranked	551 citing authors

#	Article	IF	Citations
1	Reheating and post-inflationary production of dark matter. Physical Review D, 2020, 101, .	4.7	80
2	Enhancement of the dark matter abundance before reheating: Applications to gravitino dark matter. Physical Review D, 2017, 96, .	4.7	79
3	Calculations of inflaton decays and reheating: with applications to no-scale inflation models. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 050-050.	5.4	75
4	Post-inflationary gravitino production revisited. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 008-008.	5.4	74
5	Prethermalization production of dark matter. Physical Review D, 2018, 98, .	4.7	66
6	Inflaton oscillations and post-inflationary reheating. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 012.	5.4	61
7	How warm are non-thermal relics? Lyman-Î± bounds on out-of-equilibrium dark matter. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 101.	5.4	57
8	Resurrecting quadratic inflation in no-scale supergravity in light of BICEP2. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 037-037.	5.4	51
9	Gravitational wave emission from collisions of compact scalar solitons. Physical Review D, 2019, 99, .	4.7	50
10	The moduli and gravitino (non)-problems in models with strongly stabilized moduli. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 022-022.	5.4	49
11	Phenomenological aspects of no-scale inflation models. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 003-003.	5.4	39
12	Two-field analysis of no-scale supergravity inflation. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 010-010.	5.4	38
13	Starobinsky-like inflation, supercosmology and neutrino masses in no-scale flipped SU(5). Journal of Cosmology and Astroparticle Physics, 2017, 2017, 006-006.	5.4	31
14	Building models of inflation in no-scale supergravity. International Journal of Modern Physics D, 2020, 29, 2030011.	2.1	29
15	BICEP/ Keck constraints on attractor models of inflation and reheating. Physical Review D, 2022, 105, .	4.7	28
16	Affleck-Dine baryogenesis and inflation in supergravity with strongly stabilized moduli. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 007-007.	5.4	27
17	A no-scale inflationary model to fit them all. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 044-044.	5.4	27
18	Starobinsky-like inflation and neutrino masses in a no-scale SO(10) model. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 018-018.	5.4	26

#	Article	IF	Citations
19	No-scale inflation. Classical and Quantum Gravity, 2016, 33, 094001.	4.0	25
20	Proton decay: flipped vs. unflipped SU(5). Journal of High Energy Physics, 2020, 2020, 1.	4.7	25
21	Freeze-in from preheating. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 016.	5.4	23
22	Cosmology with a master coupling in flipped SU(5)Ã—U(1): The Î»6 universe. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134864.	4.1	21
23	Symmetry breaking and reheating after inflation in no-scale flipped SU(5). Journal of Cosmology and Astroparticle Physics, 2019, 2019, 009-009.	5.4	21
24	Case for decaying spin- 3/2 dark matter. Physical Review D, 2020, 102, .	4.7	21
25	Full<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi><mml:mi>T</mml:mi></mml:math>-even photon sector of the standard model extension at finite temperature. Physical Review D, 2015, 92, .	4.7	19
26	Superstring-inspired particle cosmology: inflation, neutrino masses, leptogenesis, dark matter & the SUSY scale. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 035-035.	5.4	18
27	Multifield stochastic particle production: beyond a maximum entropy ansatz. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 015-015.	5.4	14
28	Curvature perturbations from stochastic particle production during inflation. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 039-039.	5.4	13
29	Slow and safe gravitinos. Physical Review D, 2021, 103, .	4.7	13
30	THE QUANTUM H₃ INTEGRABLE SYSTEM. International Journal of Modern Physics A, 2010, 25, 5567-5594.	1.5	11
31	Stochastic particle production in a de Sitter background. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 012-012.	5.4	11
32	A non-perturbative approach to the scalar Casimir effect with Lorentz symmetry violation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135567.	4.1	11
33	On the realization of WIMPflation. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 061.	5.4	7
34	THE QUANTUM H₄ INTEGRABLE SYSTEM. Modern Physics Letters A, 2011, 26, 433-447.	1.2	6
35	SUTHERLAND-TYPE TRIGONOMETRIC MODELS, TRIGONOMETRIC INVARIANTS AND MULTIVARIABLE POLYNOMIALS II: E₇ CASE. Modern Physics Letters A, 2009, 24, 1995-2004.	1.2	3
36	SUTHERLAND-TYPE TRIGONOMETRIC MODELS, TRIGONOMETRIC INVARIANTS AND MULTIVARIATE POLYNOMIALS III: E8 CASE. International Journal of Modern Physics A, 2011, 26, 1399-1437.	1.5	3

#	Article	IF	Citations
37	Reheating and dark matter production. Astronomische Nachrichten, 2021, 342, 416-422.	1.2	0