

Javier Rubio

List of Publications by Year in descending order

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33
papers

1,680
citations

331670

21
h-index

414414

32
g-index

33
all docs

33
docs citations

33
times ranked

698
citing authors

#	ARTICLE	IF	CITATIONS
1	Preheating in the standard model with the Higgs inflaton coupled to gravity. Physical Review D, 2009, 79, .	4.7	280
2	Higgs-dilaton cosmology: From the early to the late Universe. Physical Review D, 2011, 84, .	4.7	168
3	Living beyond the edge: Higgs inflation and vacuum metastability. Physical Review D, 2015, 92, .	4.7	126
4	Higgs Inflation. Frontiers in Astronomy and Space Sciences, 2019, 5, .	2.8	113
5	Higgs-dilaton cosmology: An effective field theory approach. Physical Review D, 2013, 87, .	4.7	90
6	Preheating in Palatini Higgs inflation. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 021-021.	5.4	79
7	On the robustness of the primordial power spectrum in renormalized Higgs inflation. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 040-040.	5.4	72
8	Emergent scale symmetry: Connecting inflation and dark energy. Physical Review D, 2017, 96, .	4.7	70
9	Combined preheating on the lattice with applications to Higgs inflation. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 043-043.	5.4	65
10	Hidden inflaton dark matter. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 012-012.	5.4	64
11	On the geometrical interpretation of scale-invariant models of inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 761, 223-228.	4.1	56
12	Higgsâ€“Dilaton cosmology: Are there extra relativistic species?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 507-511.	4.1	41
13	Higgs-Dilaton cosmology: Universality versus criticality. Physical Review D, 2014, 90, .	4.7	37
14	Higgs-dilaton cosmology: An inflationâ€“dark-energy connection and forecasts for future galaxy surveys. Physical Review D, 2018, 97, .	4.7	37
15	Primordial black holes from fifth forces. Physical Review D, 2018, 97, .	4.7	34
16	UV freeze-in in Starobinsky inflation. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 021-021.	5.4	33
17	Dynamical analysis of R Impact of initial conditions and constraints from supernovae. Physical Review D, 2016, 94, .	4.7	32
18	Gravitational waves from global cosmic strings in quintessential inflation. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 034-034.	5.4	32

#	ARTICLE	IF	CITATIONS
19	Primordial dark matter halos from fifth forces. <i>Physical Review D</i> , 2019, 100, .	4.7	32
20	Boosting ultraviolet freeze-in in NO models. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 047-047.	5.4	28
21	Quintessential Affleck–Dine baryogenesis with non-minimal couplings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 784, 122-129.	4.1	24
22	Higgs inflation and vacuum stability. <i>Journal of Physics: Conference Series</i> , 2015, 631, 012032.	0.4	20
23	Quintessential Inflation: A Tale of Emergent and Broken Symmetries. <i>Galaxies</i> , 2022, 10, 22.	3.0	19
24	Instabilities in tensorial nonlocal gravity. <i>Physical Review D</i> , 2017, 95, .	4.7	17
25	Hubble-induced phase transitions: Walls are not forever. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 002-002.	5.4	17
26	Scale-invariant alternatives to general relativity. III. The inflation-dark energy connection. <i>Physical Review D</i> , 2019, 99, .	4.7	14
27	One residue to rule them all: Electroweak symmetry breaking, inflation and field-space geometry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 811, 135876.	4.1	14
28	Endlessly flat scalar potentials and $\hat{\mu}$ -attractors. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 761, 111-114.	4.1	13
29	Mimicking features in alternatives to inflation with interacting spectator fields. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 790, 263-269.	4.1	13
30	Hubble-induced phase transitions on the lattice with applications to Ricci reheating. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 002.	5.4	13
31	Higgs-Dilaton inflation in Einstein-Cartan gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 009.	5.4	12
32	Chiral gravitational waves and primordial black holes in UV-protected Natural Inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 009-009.	5.4	8
33	Scale symmetry, the Higgs and the Cosmos. , 2020, , .		7