

Francisco Torrenti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8083098/publications.pdf>

Version: 2024-02-01

16
papers

605
citations

687363

13
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

250
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges and opportunities of gravitational-wave searches at MHz to GHz frequencies. Living Reviews in Relativity, 2021, 24, 1.	26.7	105
2	Adiabatic regularization and particle creation for spin one-half fields. Physical Review D, 2014, 89, .	4.7	77
3	Adiabatic regularization for spin- 1 fields. Physical Review D, 2013, 88, .	4.7	66
4	Decay of the standard model Higgs field after inflation. Physical Review D, 2015, 92, .	4.7	66
5	Gravitational wave production from preheating: parameter dependence. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 057-057.	5.4	55
6	Parametric resonance in the early Universe—a fitting analysis. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 001-001.	5.4	47
7	Renormalized stress-energy tensor for spin- 2 fields in expanding universes. Physical Review D, 2014, 90, .	4.7	40
8	Gravitational wave production from the decay of the standard model Higgs field after inflation. Physical Review D, 2016, 93, .	4.7	32
9	The art of simulating the early universe. Part I. Integration techniques and canonical cases. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 035.	5.4	30
10	Higgs field-curvature coupling and postinflationary vacuum instability. Physical Review D, 2018, 98, .	4.7	25
11	Energy distribution and equation of state of the early Universe: Matching the end of inflation and the onset of radiation domination. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135888.	4.1	21
12	Adiabatic regularization with a Yukawa interaction. Physical Review D, 2017, 95, .	4.7	17
13	Properties of oscillons in hilltop potentials: energies, shapes, and lifetimes. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 002-002.	5.4	14
14	Characterizing the postinflationary reheating history: Single daughter field with quadratic-quadratic interaction. Physical Review D, 2022, 105, .	4.7	8
15	Adiabatic renormalization of the stress-energy tensor for spin-1/2 fields.. Journal of Physics: Conference Series, 2015, 600, 012029.	0.4	2
16	Adiabatic regularization with a Yukawa interaction. , 2022, , .		0