

Francisco Torrenti

List of Publications by Year in descending order

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