

Hiroki Matsui

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

264
citations

933447

10
h-index

996975

15
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16
all docs

16
docs citations

16
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	Lorentzian path integral for quantum tunneling and WKB approximation for wave-function. European Physical Journal C, 2022, 82, 1.	3.9	7
2	QCD axion window and false vacuum Higgs inflation. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
3	Quantum spacetime instability and breakdown of semiclassical gravity. Physical Review D, 2020, 101, .	4.7	10
4	Swampland constraints on no-boundary quantum cosmology. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
5	Revisiting regularization with Kaluza-Klein states and Casimir vacuum energy from extra dimensional spaces. Physical Review D, 2019, 100, .	4.7	3
6	Iso曲率 perturbations of dark energy and dark matter from the Swampland conjecture. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 387-392.	4.1	15
7	Non-singular bouncing cosmology with positive spatial curvature and flat scalar potential. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 152-159.	4.1	18
8	Eternal inflation and swampland conjectures. Physical Review D, 2019, 99, .	4.7	58
9	Trans-Planckian quantum corrections and inflationary vacuum fluctuations of non-minimally coupled scalar fields. Modern Physics Letters A, 2019, 34, 1950275.	1.2	0
10	Instability of de Sitter spacetime induced by quantum conformal anomaly. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 003-003.	5.4	10
11	Electroweak vacuum instability and renormalized vacuum field fluctuations in Friedmann-Lemaître-Robertson-Walker background. Physical Review D, 2018, 98, .	4.7	11
12	Electroweak vacuum collapse induced by vacuum fluctuations of the Higgs field around evaporating black holes. Physical Review D, 2018, 98, .	4.7	26
13	Electroweak vacuum instability and renormalized Higgs field vacuum fluctuations in the inflationary universe. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 011-011.	5.4	16
14	Cosmological constant problem and renormalized vacuum energy density in curved background. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 006-006.	5.4	16
15	Higgs vacuum metastability in primordial inflation, preheating, and reheating. Physical Review D, 2016, 94, .	4.7	49
16	Higgs sector extension of the neutrino minimal standard model with thermal freeze-in production mechanism. Physical Review D, 2015, 92, .	4.7	6