

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
g-index

16
all docs

16
docs citations

16
times ranked

248
citing authors

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