

Takahiro Terada

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,324
citations

394421

19
h-index

395702

33
g-index

33
all docs

33
docs citations

33
times ranked

663
citing authors

#	ARTICLE	IF	CITATIONS
1	Semianalytic calculation of gravitational wave spectrum nonlinearly induced from primordial curvature perturbations. <i>Physical Review D</i> , 2018, 97, .	4.7	295
2	Solar-mass primordial black holes explain NANOGrav hint of gravitational waves. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 813, 136040.	4.1	124
3	Prospective constraints on the primordial black hole abundance from the stochastic gravitational-wave backgrounds produced by coalescing events and curvature perturbations. <i>Physical Review D</i> , 2019, 99, .	4.7	108
4	Enhancement of gravitational waves induced by scalar perturbations due to a sudden transition from an early matter era to the radiation era. <i>Physical Review D</i> , 2019, 100, .	4.7	85
5	Gravitational wave production right after a primordial black hole evaporation. <i>Physical Review D</i> , 2020, 101, .	4.7	80
6	Gauge independence of induced gravitational waves. <i>Physical Review D</i> , 2020, 101, .	4.7	70
7	Gravitational waves induced by scalar perturbations during a gradual transition from an early matter era to the radiation era. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 071-071.	5.4	67
8	Inflation in supergravity with a single chiral superfield. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 736, 272-277.	4.1	49
9	Generalized pole inflation: Hilltop, natural, and chaotic inflationary attractors. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 760, 674-680.	4.1	40
10	Generic scalar potentials for inflation in supergravity with a single chiral superfield. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	38
11	Complexified Starobinsky inflation in supergravity in the light of recent BICEP2 result. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 733, 305-308.	4.1	37
12	Primordial black hole dark matter and LIGO/Virgo merger rate from inflation with running spectral indices: formation in the matter- and/or radiation-dominated universe. <i>Classical and Quantum Gravity</i> , 2018, 35, 235017.	4.0	37
13	Old-minimal supergravity models of inflation. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	36
14	Reheating processes after Starobinsky inflation in old-minimal supergravity. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	36
15	Gravitino problem in minimal supergravity inflation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 767, 392-397.	4.1	22
16	Trans-Planckian Censorship and single-field inflaton potential. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 008-008.	5.4	21
17	Clustering of primordial black holes formed in a matter-dominated epoch. <i>Physical Review D</i> , 2019, 100, .	4.7	20
18	Nonthermal gravitino production after large field inflation. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	19

#	ARTICLE	IF	CITATIONS
19	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
20	Reinterpretation of the Starobinsky model. <i>Progress of Theoretical and Experimental Physics</i> , 2016, 2016, 123E01.	6.6	15
21	Structure of Kähler potential for D-term inflationary attractor models. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	11
22	On SUSY restoration in single-superfield inflationary models of supergravity. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	11
23	Single-superfield helical-phase inflation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 752, 108-112.	4.1	10
24	Gravitino problem in inflation driven by inflaton-polonyi Kähler coupling. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 777, 270-274.	4.1	9
25	New actions for modified gravity and supergravity. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	8
26	Minimal supergravity inflation without slow gravitino. <i>Physical Review D</i> , 2021, 103, .	4.7	8
27	Unitarity constraint on the Kähler curvature. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	6
28	Swampland constraints on no-boundary quantum cosmology. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	6
29	Massless preheating and electroweak vacuum metastability. <i>Physical Review D</i> , 2022, 105, .	4.7	5
30	Testing ATLAS Z+MET excess with LHC Run 2. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	2
31	Constrained superfields in dynamical background. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	4.7	2
32	Scalar decay into gravitinos in the presence of D-term supersymmetry breaking. <i>Physical Review D</i> , 2012, 86, .	4.7	1