

# 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	Massless preheating and electroweak vacuum metastability. <i>Physical Review D</i> , 2022, 105, .	4.7	5
2	Constrained superfields in dynamical background. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	4.7	2
3	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
4	Minimal supergravity inflation without slow gravitino. <i>Physical Review D</i> , 2021, 103, .	4.7	8
5	Gauge independence of induced gravitational waves. <i>Physical Review D</i> , 2020, 101, .	4.7	70
6	Gravitational wave production right after a primordial black hole evaporation. <i>Physical Review D</i> , 2020, 101, .	4.7	80
7	Trans-Planckian Censorship and single-field inflaton potential. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 008-008.	5.4	21
8	Swampland constraints on no-boundary quantum cosmology. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	6
9	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
10	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
11	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
12	Clustering of primordial black holes formed in a matter-dominated epoch. <i>Physical Review D</i> , 2019, 100, .	4.7	20
13	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
14	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
15	Unitarity constraint on the KÄhler curvature. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	6
16	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
17	Semianalytic calculation of gravitational wave spectrum nonlinearly induced from primordial curvature perturbations. <i>Physical Review D</i> , 2018, 97, .	4.7	295
18	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

#	ARTICLE	IF	CITATIONS
19	Reinterpretation of the Starobinsky model. Progress of Theoretical and Experimental Physics, 2016, 2016, 123E01.	6.6	15
20	Testing ATLAS Z+MET excess with LHC Run 2. Journal of High Energy Physics, 2016, 2016, 1.	4.7	2
21	Structure of Kähler potential for D-term inflationary attractor models. Journal of High Energy Physics, 2016, 2016, 1.	4.7	11
22	Generalized pole inflation: Hilltop, natural, and chaotic inflationary attractors. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 674-680.	4.1	40
23	On SUSY restoration in single-superfield inflationary models of supergravity. European Physical Journal C, 2016, 76, 1.	3.9	11
24	Nonthermal gravitino production after large field inflation. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19
25	Single-superfield helical-phase inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 752, 108-112.	4.1	10
26	Reheating processes after Starobinsky inflation in old-minimal supergravity. Journal of High Energy Physics, 2015, 2015, 1.	4.7	36
27	Generic scalar potentials for inflation in supergravity with a single chiral superfield. Journal of High Energy Physics, 2014, 2014, 1.	4.7	38
28	Inflation in supergravity with a single chiral superfield. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 272-277.	4.1	49
29	Complexified Starobinsky inflation in supergravity in the light of recent BICEP2 result. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 733, 305-308.	4.1	37
30	New actions for modified gravity and supergravity. Journal of High Energy Physics, 2013, 2013, 1.	4.7	8
31	Old-minimal supergravity models of inflation. Journal of High Energy Physics, 2013, 2013, 1.	4.7	36
32	Scalar decay into gravitinos in the presence of D-term supersymmetry breaking. Physical Review D, 2012, 86, .	4.7	1