

Yuichiro Tada

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,137
citations

430874

18
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

635
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflationary primordial black holes for the LIGO gravitational wave events and pulsar timing array experiments. <i>Physical Review D</i> , 2017, 95, .	4.7	175
2	Inflationary primordial black holes as all dark matter. <i>Physical Review D</i> , 2017, 96, .	4.7	151
3	Primordial black holes as dark matter in supergravity inflation models. <i>Physical Review D</i> , 2016, 94, .	4.7	108
4	Consistent generation of magnetic fields in axion inflation models. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 054-054.	5.4	95
5	Primordial black hole tower: Dark matter, earth-mass, and LIGO black holes. <i>Physical Review D</i> , 2019, 100, .	4.7	63
6	Primordial black holes as biased tracers. <i>Physical Review D</i> , 2015, 91, .	4.7	62
7	Revisiting constraints on small scale perturbations from big-bang nucleosynthesis. <i>Physical Review D</i> , 2016, 94, .	4.7	58
8	A new algorithm for calculating the curvature perturbations in stochastic inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 036-036.	5.4	54
9	Non-perturbative approach for curvature perturbations in stochastic $\hat{\mathcal{N}}$ -formalism. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 030-030.	5.4	46
10	Can massive primordial black holes be produced in mild waterfall hybrid inflation?. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 041-041.	5.4	42
11	Primordial black holes in peak theory with a non-Gaussian tail. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 053.	5.4	35
12	Induced gravitational waves as a cosmological probe of the sound speed during the QCD phase transition. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 048.	5.4	33
13	Does the detection of primordial gravitational waves exclude low energy inflation?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 778, 17-21.	4.1	32
14	A manifestly covariant theory of multifield stochastic inflation in phase space: solving the discretisation ambiguity in stochastic inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 048.	5.4	28
15	Simulation of primordial black holes with large negative non-Gaussianity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 012.	5.4	26
16	Squeezed bispectrum in the $\hat{\mathcal{N}}$ -formalism: local observer effect in field space. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 021-021.	5.4	24
17	Statistics of coarse-grained cosmological fields in stochastic inflation. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 021.	5.4	19
18	Inflationary stochastic anomalies. <i>Classical and Quantum Gravity</i> , 2019, 36, 07LT01.	4.0	18

#	ARTICLE	IF	CITATIONS
19	Minimal $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle k \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -inflation in light of the conformal metric-affine geometry. <i>Physical Review D</i> , 2021, 103, .	4.7	17
20	Anisotropic CMB distortions from non-Gaussian isocurvature perturbations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 013-013.	5.4	14
21	Revisiting non-Gaussianity in non-attractor inflation models in the light of the cosmological soft theorem. <i>Progress of Theoretical and Experimental Physics</i> , 0, , .	6.6	13
22	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="script"} \rangle O \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ primordial black holes and string axion dark matter. <i>Physical Review D</i> , 2017, 96, .	4.7	9
23	Stochastic inflation with an extremely large number of e-folds. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 800, 135097.	4.1	9
24	Local observer effect on the cosmological soft theorem. <i>Progress of Theoretical and Experimental Physics</i> , 2020, 2020, .	6.6	5
25	Escape from the swampland with a spectator field. <i>Physical Review D</i> , 2020, 101, .	4.7	1