Qing Gao

List of Publications by Year
in descending order

26 papers	682 citations	567281 15 h-index	580821 25 g-index
26 all docs	26 docs citations	26 times ranked	314 citing authors

#	Article	IF	Citations
1	The TianQin project: Current progress on science and technology. Progress of Theoretical and Experimental Physics, 2021, 2021, .	6.6	129
2	Primordial black holes and scalar-induced secondary gravitational waves from inflationary models with a noncanonical kinetic term. Physical Review D, 2021, 103, .	4.7	46
3	The upper bound on the tensor-to-scalar ratio consistent with quantum gravity. Communications in Theoretical Physics, 2021, 73, 075402.	2.5	0
4	Primordial black holes and secondary gravitational waves from chaotic inflation. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	23
5	Primordial black holes and secondary gravitational waves from natural inflation. Nuclear Physics B, 2021, 969, 115480.	2.5	32
6	Primordial black holes and secondary gravitational waves from k and G inflation. Physical Review D, 2020, 101, .	4.7	79
7	Full analytical formulas for frequency response of space-based gravitational wave detectors. Physical Review D, 2020, 101, .	4.7	14
8	On the Constant-Roll Inflation with Large and Small $\hat{I}\cdot H$. Universe, 2019, 5, 215.	2.5	17
9	Frequency response of time-delay interferometry for space-based gravitational wave antenna. Physical Review D, 2019, 100, .	4.7	18
10	Reconstruction of extended inflationary potentials for attractors. European Physical Journal Plus, 2018, 133, 1.	2.6	14
11	The observational constraint on constant-roll inflation. Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	5.1	17
12	Constant-roll tachyon inflation and observational constraints. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 005-005.	5.4	41
13	The polarizations of gravitational waves. Chinese Science Bulletin, 2018, 63, 801-815.	0.7	2
14	Reconstruction of constant slow-roll inflation. Science China: Physics, Mechanics and Astronomy, 2017, 60, 1.	5.1	26
15	The reconstruction of inflationary potentials. Monthly Notices of the Royal Astronomical Society, 2016, 459, 4029-4037.	4.4	36
16	Inflationary models with non-minimally derivative coupling. Classical and Quantum Gravity, 2016, 33, 205001.	4.0	43
17	Modified Lyth bound and implications of BICEP2 results. Physical Review D, 2015, 91, .	4.7	21
18	The phase-space analysis of scalar fields with non-minimally derivative coupling. European Physical Journal C, 2015, 75, 1.	3.9	18

#	Article	IF	Citations
19	Inflation with non-minimally derivative coupling. International Journal of Modern Physics A, 2015, 30, 1545004.	1.5	13
20	The tension on the cosmological parameters from different observational data. Classical and Quantum Gravity, 2014, 31, 105007.	4.0	14
21	On the effect of the degeneracy among dark energy parameters. European Physical Journal C, 2014, 74, 1.	3.9	9
22	Simple single field inflation models and the running of spectral index. Science China: Physics, Mechanics and Astronomy, 2014, 57, 1442-1448.	5.1	12
23	The challenge for single field inflation with BICEP2 result. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 734, 41-43.	4.1	34
24	CONSTRAINTS ON THAWING SCALAR FIELD MODELS FROM FUNDAMENTAL CONSTANTS. International Journal of Modern Physics D, 2013, 22, 1350035.	2.1	6
25	The effect of different observational data on the constraints of cosmological parameters. Monthly Notices of the Royal Astronomical Society, 2013, 430, 3142-3154.	4.4	12
26	THE EFFECT OF DIFFERENT OBSERVATIONAL DATA IN CONSTRAINING COSMOLOGICAL PARAMETERS. International Journal of Modern Physics Conference Series, 2012, 10, 85-94.	0.7	6