

# Bo Wang

## List of Publications by Year in descending order

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235  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sound Speed Resonance of the Stochastic Gravitational-Wave Background. Physical Review Letters, 2021, 126, 071303.	7.8	22
2	Constraining Scalar-tensor Theories Using Neutron Star “Black Hole Gravitational Wave Events. Astrophysical Journal, 2021, 921, 149.	4.5	19
3	Comprehensive Analysis of the Tidal Effect in Gravitational Waves and Implication for Cosmology. Astrophysical Journal, Supplement Series, 2020, 250, 6.	7.7	18
4	Constraining Screened Modified Gravity with Spaceborne Gravitational-wave Detectors. Astrophysical Journal, 2020, 890, 163.	4.5	13
5	Second-order cosmological perturbations. I. Produced by scalar-scalar coupling in synchronous gauge. Physical Review D, 2017, 96, .	4.7	12
6	Second-order cosmological perturbations. II. Produced by scalar-tensor and tensor-tensor couplings. Physical Review D, 2017, 96, .	4.7	11
7	Adiabatic regularization of power spectrum and stress tensor of relic gravitational wave without low-frequency distortion. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 006-006.	5.4	9
8	Adiabatic regularization and Green’s function of a scalar field in de Sitter space: Positive energy spectrum and no trace anomaly. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	9
9	Second-order cosmological perturbations. III. Produced by scalar-scalar coupling during radiation-dominated stage. Physical Review D, 2018, 98, .	4.7	6
10	Second-order cosmological perturbations. IV. Produced by scalar-tensor and tensor-tensor couplings during the radiation dominated stage. Physical Review D, 2019, 99, .	4.7	6
11	A massless scalar field in Robertson-Walker spacetimes: Adiabatic regularization and Green’s function *. Chinese Physics C, 2020, 44, 095104.	3.7	6
12	Estimation of spectrum and parameters of relic gravitational waves using space-borne interferometers. Research in Astronomy and Astrophysics, 2019, 19, 024.	1.7	5