

Xing Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

391
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

335
citing authors

#	ARTICLE	IF	CITATIONS
1	YBC: a stellar bolometric corrections database with variable extinction coefficients. <i>Astronomy and Astrophysics</i> , 2019, 632, A105.	5.1	80
2	Testing Brans-Dicke gravity using the Einstein telescope. <i>Physical Review D</i> , 2017, 95, .	4.7	51
3	Gravitational radiation from compact binary systems in screened modified gravity. <i>Physical Review D</i> , 2017, 95, .	4.7	45
4	Constraining $f(R)$ gravity in solar system, cosmology and binary pulsar systems. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 777, 286-293.	4.1	43
5	Waveforms of compact binary inspiral gravitational radiation in screened modified gravity. <i>Physical Review D</i> , 2018, 98, .	4.7	35
6	Post-Newtonian parameters and cosmological constant of screened modified gravity. <i>Physical Review D</i> , 2016, 93, .	4.7	27
7	Gravitational waveforms, polarizations, response functions, and energy losses of triple systems in Einstein-aether theory. <i>Physical Review D</i> , 2019, 99, .	4.7	21
8	Constraining Scalar-tensor Theories Using Neutron Star "Black Hole Gravitational Wave Events. <i>Astrophysical Journal</i> , 2021, 921, 149.	4.5	19
9	Constraints of General Screened Modified Gravities from Comprehensive Analysis of Binary Pulsars. <i>Astrophysical Journal</i> , 2019, 874, 121.	4.5	17
10	Angular momentum loss for eccentric compact binary in screened modified gravity. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 019-019.	5.4	15
11	Gravitational waveforms and radiation powers of the triple system PSR $J0337+1715$ in modified theories of gravity. <i>Physical Review D</i> , 2019, 100, .	4.7	13
12	Constraining Screened Modified Gravity with Spaceborne Gravitational-wave Detectors. <i>Astrophysical Journal</i> , 2020, 890, 163.	4.5	13
13	Constraining the scalar-tensor gravity theories with and without screening mechanisms by combined observations. <i>Physical Review D</i> , 2019, 100, .	4.7	11
14	Tests of gravitational scalar polarization and constraints of chameleon pulsars. <i>Physical Review D</i> , 2022, 106, .	4.7	1