

Shao-Jiang Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9278139/publications.pdf>

Version: 2024-02-01

32
papers

1,356
citations

516710

16
h-index

414414

32
g-index

32
all docs

32
docs citations

32
times ranked

914
citing authors

#	ARTICLE	IF	CITATIONS
1	Cosmology intertwined: A review of the particle physics, astrophysics, and cosmology associated with the cosmological tensions and anomalies. <i>Journal of High Energy Astrophysics</i> , 2022, 34, 49-211.	6.7	350
2	Action growth for AdS black holes. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	146
3	The gravitational-wave physics. <i>National Science Review</i> , 2017, 4, 687-706.	9.5	111
4	Resonant multiple peaks in the induced gravitational waves. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 013-013.	5.4	73
5	Pulsar timing array constraints on the induced gravitational waves. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 059-059.	5.4	72
6	Action growth of charged black holes with a single horizon. <i>Physical Review D</i> , 2017, 95, .	4.7	58
7	The Gravitational-wave physics II: Progress. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	54
8	Probing cosmic anisotropy with gravitational waves as standard sirens. <i>Physical Review D</i> , 2018, 97, .	4.7	53
9	The gravitational waves from the first-order phase transition with a dimension-six operator. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 004-004.	5.4	50
10	Chameleon dark energy can resolve the Hubble tension. <i>Physical Review D</i> , 2021, 103, .	4.7	47
11	Primordial black hole production during first-order phase transitions. <i>Physical Review D</i> , 2022, 105, .	4.7	43
12	Reheating phase diagram for single-field slow-roll inflationary models. <i>Physical Review D</i> , 2015, 92, .	4.7	42
13	No-go guide for the Hubble tension: Late-time solutions. <i>Physical Review D</i> , 2022, 105, .	4.7	33
14	Electroweak relaxation of cosmological hierarchy. <i>Physical Review D</i> , 2019, 99, .	4.7	32
15	Effective picture of bubble expansion. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 096.	5.4	31
16	Gravitational wave as probe of superfluid dark matter. <i>Physical Review D</i> , 2018, 97, .	4.7	25
17	Sensitivity of primordial black hole abundance on the reheating phase. <i>Physical Review D</i> , 2018, 98, .	4.7	14
18	Do the observational data favor a local void?. <i>Physical Review D</i> , 2021, 103, .	4.7	14

#	ARTICLE	IF	CITATIONS
19	Mass bound for primordial black hole from trans-Planckian censorship conjecture. <i>Physical Review D</i> , 2020, 101, .	4.7	13
20	A refined trans-Planckian censorship conjecture. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	13
21	Paper-boat relaxion. <i>Physical Review D</i> , 2019, 99, .	4.7	11
22	Revisit on holographic complexity in two-dimensional gravity. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	11
23	Higgs inflation in Gauss-Bonnet braneworld. <i>Physical Review D</i> , 2015, 92, .	4.7	9
24	Energy budget of cosmological first-order phase transition in FLRWbackground. <i>Science China: Physics, Mechanics and Astronomy</i> , 2018, 61, 1.	5.1	8
25	Probing cosmic anisotropy with GW/FRB as upgraded standard sirens. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 016-016.	5.4	8
26	Constraints on non-minimal coupling from quantum cosmology. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 025-025.	5.4	8
27	Dark matter superfluid and DBI dark energy. <i>Physical Review D</i> , 2016, 93, .	4.7	7
28	Smoothing the redshift distributions of random samples for the baryon acoustic oscillations: applications to the SDSS-III BOSS DR12 and QPM mock samples. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2869-2876.	4.4	6
29	Occurrence of semiclassical vacuum decay. <i>Physical Review D</i> , 2019, 100, .	4.7	5
30	GWs from S-stars Revolving Around SMBH at Sgr A*. <i>Communications in Theoretical Physics</i> , 2018, 70, 735.	2.5	4
31	Higgs chameleon. <i>Physical Review D</i> , 2021, 103, .	4.7	4
32	Testing weakest force with coldest spot. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	1