

# Jing-Fei Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,175  
citations

257450

24  
h-index

377865

34  
g-index

38  
all docs

38  
docs citations

38  
times ranked

518  
citing authors

#	ARTICLE	IF	CITATIONS
1	Can the $H_0$ tension be resolved in extensions to $\Lambda$ CDM cosmology?. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 054-054.	5.4	108
2	Parametrized post-Friedmann framework for interacting dark energy. Physical Review D, 2014, 90, .	4.7	63
3	Testing models of vacuum energy interacting with cold dark matter. Physical Review D, 2016, 93, .	4.7	61
4	Exploring the full parameter space for an interacting dark energy model with recent observations including redshift-space distortions: Application of the parametrized post-Friedmann approach. Physical Review D, 2014, 90, .	4.7	58
5	Search for sterile neutrinos in holographic dark energy cosmology: Reconciling Planck observation with the local measurement of the Hubble constant. Physical Review D, 2017, 96, .	4.7	56
6	Holographic Ricci dark energy: interacting model and cosmological constraints. European Physical Journal C, 2012, 72, 1.	3.9	46
7	Cosmological constraints on neutrinos after BICEP2. European Physical Journal C, 2014, 74, 1.	3.9	46
8	A search for sterile neutrinos with the latest cosmological observations. European Physical Journal C, 2017, 77, 1.	3.9	46
9	Improving cosmological parameter estimation with the future gravitational-wave standard siren observation from the Einstein Telescope. Physical Review D, 2019, 99, .	4.7	39
10	Redshift drift exploration for interacting dark energy. European Physical Journal C, 2015, 75, 1.	3.9	38
11	Cosmological parameter estimation with future gravitational wave standard siren observation from the Einstein Telescope. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 068-068.	5.4	37
12	Cosmological Model-independent Constraints on Spatial Curvature from Strong Gravitational Lensing and SN Ia Observations. Astrophysical Journal, 2020, 898, 100.	4.5	35
13	Neutrinos and dark energy after Planck and BICEP2: data consistency tests and cosmological parameter constraints. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 044-044.	5.4	34
14	Probing the sign-changeable interaction between dark energy and dark matter with current observations. Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	5.1	30
15	Cosmological Parameter Estimation for Dynamical Dark Energy Models with Future Fast Radio Burst Observations. Astrophysical Journal, 2020, 903, 83.	4.5	30
16	Forecast for cosmological parameter estimation with gravitational-wave standard sirens from the LISA-Taiji network. Science China: Physics, Mechanics and Astronomy, 2022, 65, 1.	5.1	30
17	Revisiting the holographic dark energy in a non-flat universe: alternative model and cosmological parameter constraints. European Physical Journal C, 2014, 74, 1.	3.9	29
18	Exploring neutrino mass and mass hierarchy in interacting dark energy models. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	28

#	ARTICLE	IF	CITATIONS
19	Searching for sterile neutrinos in dynamical dark energy cosmologies. <i>Science China: Physics, Mechanics and Astronomy</i> , 2018, 61, 1.	5.1	27
20	Models of vacuum energy interacting with cold dark matter: Constraints and comparison. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	26
21	Constraints on active and sterile neutrinos in an interacting dark energy cosmology. <i>Science China: Physics, Mechanics and Astronomy</i> , 2020, 63, 1.	5.1	26
22	Diagnosing holographic dark energy models with statefinder hierarchy. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	25
23	Prospect for constraining holographic dark energy with gravitational wave standard sirens from the Einstein Telescope. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	25
24	How can gravitational-wave standard sirens and 21-cm intensity mapping jointly provide a precise late-universe cosmological probe?. <i>Physical Review D</i> , 2021, 104, .	4.7	24
25	A global fit study on the new agegraphic dark energy model. <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	22
26	Comparing holographic dark energy models with statefinder. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	22
27	Redshift drift constraints on holographic dark energy. <i>Science China: Physics, Mechanics and Astronomy</i> , 2017, 60, 1.	5.1	20
28	Forecast for weighing neutrinos in cosmology with SKA. <i>Science China: Physics, Mechanics and Astronomy</i> , 2020, 63, 1.	5.1	20
29	Inflation model selection revisited after a 1.91% measurement of the Hubble constant. <i>Science China: Physics, Mechanics and Astronomy</i> , 2020, 63, 1.	5.1	20
30	Constraints on interacting dark energy models from time-delay cosmography with seven lensed quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 1433-1440.	4.4	19
31	Exploring interacting holographic dark energy in a perturbed universe with parameterized post-Friedmann approach. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	17
32	Reexploration of interacting holographic dark energy model: cases of interaction term excluding the Hubble parameter. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	14
33	Statefinder hierarchy exploration of the extended Ricci dark energy. <i>European Physical Journal C</i> , 2015, 75, 1.	3.9	13
34	Redshift drift constraints on $f(T)$ gravity. <i>Frontiers of Physics</i> , 2015, 10, 1.	5.0	12
35	Constraints on brane inflation after Planck 2015: Impacts of the latest local measurement of the Hubble constant. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	11
36	Holographic $\hat{\nu}(t)$ CDM model in a non-flat universe. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	9

#	ARTICLE	IF	CITATIONS
37	Cosmological Parameter Estimation Using Current and Future Observations of Strong Gravitational Lensing. <i>Universe</i> , 2022, 8, 254.	2.5	5
38	Real-time cosmology with SKA. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	4