

Hao Wei

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

3,625
citations

147801
31
h-index

128289
60
g-index

72
all docs

72
docs citations

72
times ranked

970
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast radio burst distributions consistent with the first CHIME/FRB catalog. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 040.	5.4	10
2	Effect of redshift distributions of fast radio bursts on cosmological constraints. <i>Physical Review D</i> , 2021, 103, .	4.7	8
3	Inverse chameleon mechanism and mass limits for compact stars. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 011.	5.4	1
4	Neutron star as a mirror for gravitational waves. <i>Astrophysics and Space Science</i> , 2020, 365, 1.	1.4	1
5	Lemaître-Tolman-Bondi static universe in Rastall-like gravity. <i>Nuclear Physics B</i> , 2020, 960, 115179.	2.5	3
6	The possible electromagnetic counterparts of the first high-probability NSBH merger LIGO/Virgo S190814bv. <i>Communications in Theoretical Physics</i> , 2020, 72, 065401.	2.5	4
7	Reconstructing the fraction of baryons in the intergalactic medium with fast radio bursts via Gaussian processes. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 023-023.	5.4	12
8	Cosmic anisotropy and fast radio bursts. <i>Classical and Quantum Gravity</i> , 2020, 37, 185022.	4.0	12
9	Cosmological time crystals from Einstein-cubic gravities. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	1
10	Observational constraints on growth index with cosmography. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	13
11	Emergent universe scenario, bouncing universes, and cyclic universes in degenerate massive gravity. <i>Physical Review D</i> , 2019, 99, .	4.7	5
12	Non-parametric reconstruction of growth index via Gaussian processes. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	12
13	Holographic entanglement entropy and Van der Waals transitions in Einstein-Maxwell-dilaton theory. <i>Physical Review D</i> , 2019, 99, .	4.7	4
14	\mathcal{P} criticality in gauged supergravities. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	7
15	Gödel metrics with chronology protection in Horndeski gravities. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 780, 196-199.	4.1	9
16	Model-independent constraints on Lorentz invariance violation via the cosmographic approach. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 776, 284-294.	4.1	29
17	Null signal for the cosmic anisotropy in the Pantheon supernovae data. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	40
18	Testing the cosmic anisotropy with supernovae data: Hemisphere comparison and dipole fitting. <i>Physical Review D</i> , 2018, 97, .	4.7	22

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19	Phonon-phonon dynamics and hydrodynamics of fivefold and tenfold symmetry quasicrystals. <i>Acta Mechanica</i> , 2017, 228, 1363-1372.	2.1	2
20	Stability of the Einstein static universe in Eddington-inspired Born-Infeld theory. <i>Physical Review D</i> , 2017, 96, .	4.7	23
21	Observational Constraints on Varying Alpha in Λ CDM Cosmology. <i>Communications in Theoretical Physics</i> , 2017, 68, 632.	2.5	7
22	Cosmological constant, fine structure constant and beyond. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	21
23	Gödel universe from string theory. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	10
24	Solutions for hydrodynamics of 5- and 10-fold symmetry quasicrystals. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2016, 37, 1393-1404.	3.6	11
25	Dyonic (A)dS black holes in Einstein-Born-Infeld theory in diverse dimensions. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	28
26	Stability of differentially rotating disks in $f(T)$ theory. <i>General Relativity and Gravitation</i> , 2016, 48, 1.	2.0	1
27	New generalizations of cosmography inspired by the Padé approximant. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	22
28	Exact cosmological solutions of $f(R)$ theories via Hojman symmetry. <i>Nuclear Physics B</i> , 2016, 903, 132-149.	2.5	9
29	Post-Newtonian approximation of teleparallel gravity coupled with a scalar field. <i>Nuclear Physics B</i> , 2015, 894, 422-438.	2.5	28
30	$f(T)$ Non-linear Massive Gravity and the Cosmic Acceleration*. <i>Communications in Theoretical Physics</i> , 2015, 63, 701-708.	2.5	11
31	Age problem in Lemaître-Tolman-Bondi void models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 742, 149-159.	4.1	16
32	Hojman symmetry in $f(T)$ theory. <i>Astrophysics and Space Science</i> , 2015, 360, 1.	1.4	7
33	Cosmological models and gamma-ray bursts calibrated by using Padé method. <i>General Relativity and Gravitation</i> , 2015, 47, 1.	2.0	52
34	Cosmological applications of Padé approximant. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 045-045.	5.4	53
35	Cosmological evolution of Einstein-Aether models with power-law-like potential. <i>General Relativity and Gravitation</i> , 2014, 46, 1.	2.0	13
36	Indistinguishability of warm dark matter, modified gravity, and coupled cold dark matter. <i>Physical Review D</i> , 2013, 88, .	4.7	15

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37	Cosmological constraints on variable warm dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 271-276.	4.1	22
38	Pilgrim dark energy. Classical and Quantum Gravity, 2012, 29, 175008.	4.0	82
39	Constraining $f(T)$ theories with the varying gravitational constant. European Physical Journal C, 2012, 72, 1.	3.9	45
40	Quasi-rip: A new type of rip model without cosmic doomsday. Physical Review D, 2012, 86, .	4.7	27
41	Noether symmetry in $f(T)$ theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 298-304.	4.1	125
42	Dynamics of teleparallel dark energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 430-436.	4.1	110
43	Cosmological evolution of quintessence and phantom with a new type of interaction in dark sector. Nuclear Physics B, 2011, 845, 381-392.	2.5	73
44	theories and varying fine structure constant. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 703, 74-80.	4.1	98
45	Spinor dark energy and cosmological coincidence problem. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 307-311.	4.1	67
46	Dark energy cosmology with the alternative cosmic microwave background data. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 022-022.	5.4	11
47	Cosmological Constraints on the Sign-Changeable Interactions. Communications in Theoretical Physics, 2011, 56, 972-980.	2.5	68
48	Tension in the recent Type Ia supernovae datasets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 687, 286-293.	4.1	35
49	Revisiting the cosmological constraints on the interacting dark energy models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 691, 173-182.	4.1	30
50	Cosmological constraints on the modified entropic force model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 692, 167-175.	4.1	53
51	Observational constraints on cosmological models with the updated long gamma-ray bursts. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 020-020.	5.4	114
52	Varying alpha driven by the Dirac-Born-Infeld scalar field. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 682, 98-104.	4.1	15
53	Interacting agegraphic dark energy. European Physical Journal C, 2009, 59, 99-105.	3.9	149
54	Cosmological models and latest observational data. European Physical Journal C, 2009, 60, 449-455.	3.9	24

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55	Relaxing the cosmological constraints on Λ unparticle Λ dark Λ component. European Physical Journal C, 2009, 62, 579-586.	3.9	11
56	Reconstructing the cosmic expansion history up to redshift $z=6.29$ with the calibrated gamma-ray bursts. European Physical Journal C, 2009, 63, 139-147.	3.9	43
57	Modified holographic dark energy. Nuclear Physics B, 2009, 819, 210-224.	2.5	32
58	A new model of agegraphic dark energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 660, 113-117.	4.1	448
59	Cosmological constraints on new agegraphic dark energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 663, 1-6.	4.1	164
60	Growth index of DGP model and current growth rate data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 664, 1-6.	4.1	66
61	How to distinguish dark energy and modified gravity?. Physical Review D, 2008, 78, .	4.7	44
62	Cheng's Weyl vector field and its cosmological application. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 015-015.	5.4	32
63	Dynamics of quintom and hessence energies in loop quantum cosmology. Physical Review D, 2007, 76, .	4.7	47
64	Age problem in the holographic dark energy model. Physical Review D, 2007, 76, .	4.7	94
65	Reconstruction of hessence dark energy and the latest type Ia supernovae gold dataset. Physical Review D, 2007, 75, .	4.7	78
66	Interacting energy components and observational $H(z)$ statefinder diagnosis. Nuclear Physics B, 2007, 787, 139-147.	4.1	39
67	Statefinder diagnosis and $w(z)$ analysis for the agegraphic dark energy models without and with interaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 655, 1-6.	4.1	125
68	Observational data and cosmological models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 644, 7-15.	4.1	104
69	Interacting vectorlike dark energy, the first and second cosmological coincidence problems. Physical Review D, 2006, 73, .	4.7	129
70	Hessence: a new view of quintom dark energy. Classical and Quantum Gravity, 2005, 22, 3189-3202.	4.0	273
71	K-chameleon and the coincidence problem. Physical Review D, 2005, 71, .	4.7	80
72	Cosmological evolution of ω_{hessence} dark energy and avoidance of the big rip. Physical Review D, 2005, 72, .	4.7	146