Hao Wei

List of Publications by Year
in descending order

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72	3,625	147801	128289
papers	citations	31 h-index	60 g-index

72	72	72	970
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Hessence: a new view of quintom dark energy. Classical and Quantum Gravity, 2005, 22, 3189-3202.	4.0	273
3	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
4	Interacting agegraphic dark energy. European Physical Journal C, 2009, 59, 99-105.	3.9	149
5	Cosmological evolution of â€œhessenceâ€•dark energy and avoidance of the big rip. Physical Review D, 2005, 72, .	4.7	146
6	Interacting vectorlike dark energy, the first and second cosmological coincidence problems. Physical Review D, 2006, 73, .	4.7	129
7	Statefinder diagnostic and wâ€ <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mi>w</mml:mi><mml:mo>â€²</mml:mo></mml:msup></mml:math> analysis for the agegraphic dark energy models without and with interaction. Physics Letters, Section	4.1	125
8	Noether symmetry in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>f</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>T</mml:mi><mml:mo stretchy="false">)</mml:mo></mml:math> theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 298-304.	4.1	125
9	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
10	Dynamics of teleparallel dark energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 430-436.	4.1	110
11	Observational data and cosmological models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 644, 7-15.	4.1	104
12	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>f</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>T</mml:mi><mml:mo stretchy="false">)</mml:mo></mml:math> theories and varying fine structure constant. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 703, 74-80.	4.1	98
13	Age problem in the holographic dark energy model. Physical Review D, 2007, 76, .	4.7	94
14	Pilgrim dark energy. Classical and Quantum Gravity, 2012, 29, 175008.	4.0	82
15	K-chameleon and the coincidence problem. Physical Review D, 2005, 71, .	4.7	80
16	Reconstruction of hessence dark energy and the latest typeÂIa supernovae gold dataset. Physical Review D, 2007, 75, .	4.7	78
17	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
18	Cosmological Constraints on the Sign-Changeable Interactions. Communications in Theoretical Physics, 2011, 56, 972-980.	2.5	68

#	Article	IF	Citations
19	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
20	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
21	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
22	Cosmological applications of PadÃ© approximant. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 045-045.	5.4	53
23	Cosmological models and gamma-ray bursts calibrated by using PadÃ© method. General Relativity and Gravitation, 2015, 47, 1.	2.0	52
24	Dynamics of quintom and hessence energies in loop quantum cosmology. Physical Review D, 2007, 76, .	4.7	47
25	Constraining f(T) theories with the varying gravitational constant. European Physical Journal C, 2012, 72, 1.	3.9	45
26	How to distinguish dark energy and modified gravity?. Physical Review D, 2008, 78, .	4.7	44
27	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
28	Null signal for the cosmic anisotropy in the Pantheon supernovaeÂdata. European Physical Journal C, 2018, 78, 1.	3.9	40
29	Interacting energy components and observational <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>H</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>z</mml:mi><mml:mo stretchy="false">)</mml:mo></mml:math> data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 654, 139-147.	4.1	39
30	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
31	Chengâ€“Weyl vector field and its cosmological application. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 015-015.	5.4	32
32	Modified holographic dark energy. Nuclear Physics B, 2009, 819, 210-224.	2.5	32
33	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
34	Model-independent constraints on Lorentz invariance violation via the cosmographic approach. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 284-294.	4.1	29
35	Post-Newtonian approximation of teleparallel gravity coupled with a scalar field. Nuclear Physics B, 2015, 894, 422-438.	2.5	28
36	Dyonic (A)dS black holes in Einstein-Born-Infeld theory in diverse dimensions. Journal of High Energy Physics, 2016, 2016, 1.	4.7	28

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37	Quasi-rip: A new type of rip model without cosmic doomsday. Physical Review D, 2012, 86, .	4.7	27
38	Cosmological models and latest observational data. European Physical Journal C, 2009, 60, 449-455.	3.9	24
39	Stability of the Einstein static universe in Eddington-inspired Born-Infeld theory. Physical Review D, 2017, 96, .	4.7	23
40	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
41	New generalizations of cosmography inspired by the PadÃ© approximant. European Physical Journal C, 2016, 76, 1.	3.9	22
42	Testing the cosmic anisotropy with supernovae data: Hemisphere comparison and dipole fitting. Physical Review D, 2018, 97, .	4.7	22
43	Cosmological constant, fine structure constant and beyond. European Physical Journal C, 2017, 77, 1.	3.9	21
44	Age problem in LemaÃ®treâ€“Tolmanâ€“Bondi void models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 149-159.	4.1	16
45	Varying alpha driven by the Diracâ€“Bornâ€“Infeld scalar field. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 682, 98-104.	4.1	15
46	Indistinguishability of warm dark matter, modified gravity, and coupled cold dark matter. Physical Review D, 2013, 88, .	4.7	15
47	Cosmological evolution of Einstein-Aether models withÂpower-law-like potential. General Relativity and Gravitation, 2014, 46, 1.	2.0	13
48	Observational constraints on growth index with cosmography. European Physical Journal C, 2019, 79, 1.	3.9	13
49	Non-parametric reconstruction of growth index via Gaussian processes. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	12
50	Reconstructing the fraction of baryons in the intergalactic medium with fast radio bursts via Gaussian processes. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 023-023.	5.4	12
51	Cosmic anisotropy and fast radio bursts. Classical and Quantum Gravity, 2020, 37, 185022.	4.0	12
52	Relaxing the cosmological constraints onÂunparticleÂdarkÂcomponent. European Physical Journal C, 2009, 62, 579-586.	3.9	11
53	Dark energy cosmology with the alternative cosmic microwave background data. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 022-022.	5.4	11
54	f (T) Non-linear Massive Gravity and the Cosmic Acceleration*. Communications in Theoretical Physics, 2015, 63, 701-708.	2.5	11

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55	Solutions for hydrodynamics of 5- and 10-fold symmetry quasicrystals. Applied Mathematics and Mechanics (English Edition), 2016, 37, 1393-1404.	3.6	11
56	GÃ¶del universe from string theory. European Physical Journal C, 2017, 77, 1.	3.9	10
57	Fast radio burst distributions consistent with the first CHIME/FRB catalog. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 040.	5.4	10
58	Exact cosmological solutions of f (R) theories via Hojman symmetry. Nuclear Physics B, 2016, 903, 132-149.	2.5	9
59	GÃ¶del metrics with chronology protection in Horndeski gravities. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 196-199.	4.1	9
60	Effect of redshift distributions of fast radio bursts on cosmological constraints. Physical Review D, 2021, 103, .	4.7	8
61	Hojman symmetry in f (T) $f(T)$ theory. Astrophysics and Space Science, 2015, 360, 1.	1.4	7
62	Observational Constraints on Varying Alpha in Î›(Î±) CDM Cosmology. Communications in Theoretical Physics, 2017, 68, 632.	2.5	7
63	$$mathcal{P}$$ P â€“ v criticality in gauged supergravities. European Physical Journal C, 2019, 79, 1.	3.9	7
64	Emergent universe scenario, bouncing universes, and cyclic universes in degenerate massive gravity. Physical Review D, 2019, 99, .	4.7	5
65	Holographic entanglement entropy and Van der Waals transitions in Einstein-Maxwell-dilaton theory. Physical Review D, 2019, 99, .	4.7	4
66	The possible electromagnetic counterparts of the first high-probability NSBH merger LIGO/Virgo S190814bv. Communications in Theoretical Physics, 2020, 72, 065401.	2.5	4
67	LemaÃ®tre-Tolman-Bondi static universe in Rastall-like gravity. Nuclear Physics B, 2020, 960, 115179.	2.5	3
68	Phononâ€“phason dynamics and hydrodynamics of fivefold and tenfold symmetry quasicrystals. Acta Mechanica, 2017, 228, 1363-1372.	2.1	2
69	Stability of differentially rotating disks in f(T) theory. General Relativity and Gravitation, 2016, 48, 1.	2.0	1
70	Neutron star as a mirror for gravitational waves. Astrophysics and Space Science, 2020, 365, 1.	1.4	1
71	Inverse chameleon mechanism and mass limits for compact stars. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 011.	5.4	1
72	Cosmological time crystals from Einstein-cubic gravities. European Physical Journal C, 2020, 80, 1.	3.9	1