Xiang-Hua Zhai

List of Publications by Year
in descending order

37 papers	574 citations	687363 13 h-index	610901 24 g-index
37 all docs	37 docs citations	37 times ranked	259 citing authors

#	Article	IF	Citations
1	Scalar Perturbations of Black Holes in the f(R)=R−2α$\sqrt{R}$ Model. Universe, 2022, 8, 47.	2.5	1
2	Realistic neutron star models in f(T) gravity. European Physical Journal C, 2022, 82, 1.	3.9	9
3	Off-shell ADT conserved quantities in Palatini gravity. Classical and Quantum Gravity, 2021, 38, 075002.	4.0	0
4	Spherically symmetric configuration in $f(Q)$ gravity. Physical Review D, 2021, 103, .	4.7	69
5	Artificial neural network spectral light curve template for type Ia supernovae and its cosmological constraints. Modern Physics Letters A, 2021, 36, 2150149.	1.2	0
6	Superradiant instability of a Kerr-like black hole in Einstein-bumblebee gravity. Physical Review D, 2021, 104, .	4.7	11
7	Solar system tests of a new class of f(z) theory. International Journal of Modern Physics D, 2020, 29, 2050060.	2.1	1
8	Generalized off-shell ADT conserved charges in the presence of matter Chern–Simons term. Classical and Quantum Gravity, 2020, 37, 085021.	4.0	1
9	Generalized quantum spring. Modern Physics Letters A, 2020, 35, 2050088.	1.2	0
10	Entropies and the first laws of black hole thermodynamics in Einstein-aether-Maxwell theory. Classical and Quantum Gravity, 2020, 37, 185015.	4.0	4
11	Multi-pole dark energy *. Chinese Physics C, 2020, 44, 105103.	3.7	3
12	Examining the weak cosmic censorship conjecture by gedanken experiments for an Einstein–Maxwell–Dilaton–Axion black hole. Modern Physics Letters A, 2020, 35, 2050335.	1.2	3
13	New proper tetrad for teleparallel gravity in curved spacetimes. Physical Review D, 2019, 99, .	4.7	6
14	Diagnostics for generalized power-law torsion–matter coupling f(T) model. International Journal of Modern Physics D, 2019, 28, 1950031.	2.1	1
15	Artificial neural network for constructing type Ia supernovae spectrum evolution model. Physical Review D, 2018, 97, .	4.7	4
16	Instability for massive scalar fields in Kerr-Newman spacetime. Physical Review D, 2018, 98, .	4.7	24
17	Spherical collapse and virialization in f(T) gravities. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 040-040.	5.4	8
18	Statefinder diagnostic for a generalized Proca model. Modern Physics Letters A, 2017, 32, 1750160.	1.2	0

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19	Massive charged Dirac fields around Reissner-Nordström black holes: Quasibound states and long-lived modes. Physical Review D, 2017, 96, .	4.7	14
20	Solar system tests for realistic f(T) models with non-minimal torsion–matter coupling. European Physical Journal C, 2017, 77, 1.	3.9	16
21	Action functional of the Cardassian universe. Physical Review D, 2017, 95, .	4.7	3
22	Scalar clouds around Kerr–Sen black holes. Classical and Quantum Gravity, 2017, 34, 155002.	4.0	26
23	Vaidya solution and its generalization in de Rham-Gabadadze-Tolley massive gravity. Physical Review D, 2016, 94, .	4.7	6
24	Towards realistic f(T) models with nonminimal torsion-matter coupling extension. Physical Review D, 2015, 92, .	4.7	13
25	CASIMIR EFFECT UNDER QUASI-PERIODIC BOUNDARY CONDITION INSPIRED BY NANOTUBES. Modern Physics Letters A, 2014, 29, 1450004.	1.2	9
26	Equivalence of zeta function technique and Abel–Plana formula in regularizing the Casimir energy of hyper-rectangular cavities. Modern Physics Letters A, 2014, 29, 1450181.	1.2	0
27	Some developments of the Casimir effect in p-cavity of (D + 1)-dimensional space–time. International Journal of Modern Physics A, 2014, 29, 1430068.	1.5	2
28	Schwarzschild solution as a result of thermodynamics. Physical Review D, 2014, 89, .	4.7	16
29	Alternative mechanism of avoiding the big rip or little rip for a scalar phantom field. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 706, 482-489.	4.1	21
30	Fermionic Casimir effect with helix boundary condition. European Physical Journal C, 2011, 71, 1.	3.9	11
31	THE CASIMIR FORCE OF QUANTUM SPRING IN THE (D+1)-DIMENSIONAL SPACETIME. Modern Physics Letters A, 2011, 26, 669-679.	1.2	18
32	CASIMIR PISTONS FOR MASSIVE SCALAR FIELDS. Modern Physics Letters A, 2009, 24, 393-400.	1.2	14
33	Casimir pistons with hybrid boundary conditions. Physical Review D, 2007, 76, .	4.7	72
34	VISCOUS GENERALIZED CHAPLYGIN GAS. International Journal of Modern Physics D, 2006, 15, 1151-1161.	2.1	76
35	ON THE QUINTESSENCE WITH ABELIAN AND NON-ABELIAN SYMMETRY. International Journal of Modern Physics A, 2003, 18, 5921-5930.	1.5	6
36	Rigorous proof of the attractive nature for the Casimir force of a p-odd hypercube. Journal of Physics A, 2001, 34, 11053-11057.	1.6	20

#	Article	IF	Citations
37	Attractive or repulsive nature of the Casimir force for rectangular cavity. Physical Review D, 1997, 56, 2155-2162.	4.7	86