Jianbo Lu

List of Publications by Year in descending order

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Version: 2024-02-01

60 papers	1,244 citations	361045 20 h-index	377514 34 g-index
61 all docs	61 docs citations	61 times ranked	566 citing authors

#	Article	IF	Citations
1	Dynamical dark energy after Planck CMB final release and H0 tension. Monthly Notices of the Royal Astronomical Society, 2021, 501, 5845-5858.	1.6	46
2	Linearized physics and gravitational-waves polarizations in the Palatini formalism of GBD theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135985.	1.5	7
3	Cosmology in symmetric teleparallel gravity and its dynamical system. European Physical Journal C, 2019, 79, 1.	1.4	69
4	Linearized modified gravity theories and gravitational waves physics in the GBD theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 129-134.	1.5	9
5	The generalized Brans-Dicke theory and its cosmology. European Physical Journal Plus, 2019, 134, 1.	1.2	10
6	Dynamical system approach for the modified Bransâ€“Dicke theory. International Journal of Modern Physics D, 2019, 28, 1950132.	0.9	6
7	Challenging bulk viscous unified scenarios with cosmological observations. Physical Review D, 2019, 100, .	1.6	34
8	Cosmological implications of the dark matter equation of state. International Journal of Modern Physics D, 2017, 26, 1750013.	0.9	6
9	Cosmic constraint on massive neutrinos in viable f(R) gravity with producing $$Lambda $$ Î› CDM background expansion. European Physical Journal C, 2016, 76, 1.	1.4	21
10	An analytic cosmology solution of PoincarÃ© gauge gravity. International Journal of Geometric Methods in Modern Physics, 2016, 13, 1650096.	0.8	0
11	Thermodynamics of apparent horizon and Friedmann equations in big bounce universe. General Relativity and Gravitation, 2016, 48, 1.	0.7	0
12	Cosmological Friedmann equation in infrared modified HoÅ™avaâ€“Lifshitz gravity via generalized Misnerâ€“Sharp mass. Modern Physics Letters A, 2016, 31, 1650123.	0.5	1
13	Cosmology in PoincarÃ© gauge gravity with a pseudoscalar torsion. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15
14	Cosmic constraint on the unified model of dark sectors with or without a cosmic string fluid in the varying gravitational constant theory. European Physical Journal C, 2015, 75, 1.	1.4	6
15	Reduced modified Chaplygin gas cosmology. Journal of High Energy Physics, 2015, 2015, 1.	1.6	15
16	Cosmological constraints and cosmic growth factor for ghost dark energy models in varying G G theories. Astrophysics and Space Science, 2015, 360, 1.	0.5	6
17	Matter sourced anisotropic stress for dark energy. Physical Review D, 2014, 90, .	1.6	7
18	Comparing the VGCG model as the unification of dark sectors with observations. Science China: Physics, Mechanics and Astronomy, 2014, 57, 796-800.	2.0	5

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19	Revisiting the vacuum energy scenario from the renormalization group method of the QFT theory. European Physical Journal Plus, 2014, 129, 1.	1.2	2
20	Extended Chaplygin gas as a unified fluid of dark components in varying gravitational constant theory. Physical Review D, 2014, 89, .	1.6	11
21	Self-gravitation interaction of IR deformed HoÅ™avaâ€“Lifshitz gravity via new Hamiltonâ€“Jacobi method. Modern Physics Letters A, 2014, 29, 1450084.	0.5	1
22	An interacting dark energy model in a non-flat universe. General Relativity and Gravitation, 2013, 45, 2023-2037.	0.7	4
23	STUDY ON A UNIFIED MODEL OF DARK MATTER AND DARK ENERGY FROM DBI THEORY. International Journal of Modern Physics D, 2013, 22, 1350059.	0.9	4
24	Self-gravitational interaction inz=4HoÅ™ava-Lifshitz gravity. Physical Review D, 2013, 87, .	1.6	4
25	SPECTRA OF BLACK HOLE IN DE SITTER SPACETIME WITH HIGHLY DAMPED QUASINORMAL MODES: HIGH OVERTONE CASE. Modern Physics Letters A, 2012, 27, 1250123.	0.5	3
26	TIME VARIABLE COSMOLOGICAL CONSTANT OF HOLOGRAPHIC ORIGIN WITH INTERACTION IN BRANSâ€“DICKE THEORY. International Journal of Modern Physics D, 2012, 21, 1250005.	0.9	8
27	An accelerated universe from Brans-Dicke theory in the Einstein frame. European Physical Journal Plus, 2012, 127, 1.	1.2	11
28	Quantum tunneling of Park black hole in IR modified Ho $$check{mathrm{r}}$$ ava gravity with cosmological constant. General Relativity and Gravitation, 2012, 44, 3139-3162.	0.7	5
29	Revisiting generalized Chaplygin gas as a unified dark matter and dark energy model. European Physical Journal C, 2012, 72, 1.	1.4	68
30	Thermodynamic behavior for generalized f(R) gravity with arbitrary coupling between matter and geometry. Science China: Physics, Mechanics and Astronomy, 2012, 55, 2331-2337.	2.0	1
31	Measuring accelerating universe with high-redshift GRBs data and other cosmological probes. Science China: Physics, Mechanics and Astronomy, 2012, 55, 1713-1719.	2.0	3
32	Investigate the interaction between dark matter and dark energy. Results in Physics, 2012, 2, 14-21.	2.0	6
33	Cosmological constraints on the generalized holographic dark energy. European Physical Journal C, 2011, 71, 1.	1.4	18
34	Does accelerating universe indicate Brans-Dicke theory?. European Physical Journal Plus, 2011, 126, 1.	1.2	18
35	Combined constraints on modified Chaplygin gas model from cosmological observed data: Markov Chain Monte Carlo approach. General Relativity and Gravitation, 2011, 43, 819-832.	0.7	43
36	Solar system constraints on asymptotically flat IR modified HoÅ™ava gravity through light deflection. General Relativity and Gravitation, 2011, 43, 1401-1415.	0.7	15

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37	Black Hole Entropy of IR Modified HoÅ™ava-Lifshitz Gravity in Quantum Statistics Perspective. International Journal of Theoretical Physics, 2011, 50, 1978-1989.	0.5	3
38	Constraints on kinematic models from the latest observational data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 246-250.	1.5	61
39	VALIDITY OF THE THERMODYNAMICAL PROPERTIES OF THE DARK ENERGY MODEL WITH THE EQUATION OF STATE: w = w0 + w1 Â· z(1 + z)/(1 + z2). Modern Physics Letters A, 2011, 26, 885-892.	0.5	3
40	A more general interacting model of holographic dark energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 688, 263-268.	1.5	17
41	COSMIC CONSTRAINTS ON HOLOGRAPHIC DARK ENERGY IN BRANSâ€“DICKE THEORY VIA MARKOV-CHAIN MONTE-CARLO METHOD. Modern Physics Letters A, 2010, 25, 1441-1454.	0.5	10
42	CONSTRAINTS ON VARIABLE CHAPLYGIN GAS MODEL FROM TYPE IA SUPERNOVAE AND BARYON ACOUSTIC OSCILLATIONS. Modern Physics Letters A, 2010, 25, 737-747.	0.5	10
43	CONSTRAINT ON THE KINEMATICAL AND DYNAMICAL MODEL FROM THE LATEST OBSERVATIONAL DATA. Modern Physics Letters A, 2010, 25, 3033-3046.	0.5	3
44	Observational constraints on holographic dark energy with varying gravitational constant. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 031-031.	1.9	101
45	Cosmological constraints on generalized Chaplygin gas model: Markov Chain Monte Carlo approach. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 025-025.	1.9	36
46	EVOLUTION OF VARIABLE MODIFIED CHAPLYGIN GAS MODEL. Modern Physics Letters A, 2009, 24, 683-691.	0.5	2
47	COSMIC CONSTRAINTS ON DECELERATION PARAMETER WITH Sne Ia AND CMB. Modern Physics Letters A, 2009, 24, 369-376.	0.5	30
48	GEOMETRICAL DIAGNOSTIC FOR THE GENERALIZED CHAPLYGIN GAS MODEL. International Journal of Modern Physics D, 2009, 18, 1741-1748.	0.9	18
49	Constraints on kinematic model from recent cosmic observations: SN Ia, BAO and observational Hubble data. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 031-031.	1.9	32
50	Area spectrum of near-extremal SdS black holes via the new interpretation of quasinormal modes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 676, 177-179.	1.5	44
51	Cosmology with a variable generalized Chaplygin gas. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 404-410.	1.5	41
52	The influence of free quintessence on gravitational frequency shift and deflection of light with 4D momentum. European Physical Journal C, 2009, 59, 107-116.	1.4	21
53	Holographic dark energy in Bransâ€“Dicke theory. European Physical Journal C, 2009, 60, 135-140.	1.4	59
54	Observational constraint on generalized Chaplygin gas model. European Physical Journal C, 2009, 63, 349-354.	1.4	55

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55	Generalized holographic and Ricci dark energy models. European Physical Journal C, 2009, 64, 89.	1.4	42
56	Constraints on modified Chaplygin gas from recent observations and a comparison of its status with other models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 662, 87-91.	1.5	104
57	Constraints on accelerating universe using ESSENCE and Gold supernovae data combined with other cosmological probes. European Physical Journal C, 2008, 58, 311-324.	1.4	22
58	CONSTRAINTS ON TRANSITION REDSHIFT AND DECELERATION PARAMETER FROM RECENT OBSERVATIONS. Modern Physics Letters A, 2008, 23, 2067-2076.	0.5	7
59	THE MODIFIED CHAPLYGIN GAS AS A UNIFIED DARK SECTOR MODEL. Modern Physics Letters A, 2007, 22, 783-790.	0.5	31
60	THE EVOLUTION OF GENERALIZED CHAPLYGIN GAS. Modern Physics Letters A, 2006, 21, 1233-1239.	0.5	4