

# 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	Constraints on modified Chaplygin gas from recent observations and a comparison of its status with other models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 662, 87-91.	1.5	104
2	Observational constraints on holographic dark energy with varying gravitational constant. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 031-031.	1.9	101
3	Cosmology in symmetric teleparallel gravity and its dynamical system. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	69
4	Revisiting generalized Chaplygin gas as a unified dark matter and dark energy model. <i>European Physical Journal C</i> , 2012, 72, 1.	1.4	68
5	Constraints on kinematic models from the latest observational data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 699, 246-250.	1.5	61
6	Holographic dark energy in Brans-Dicke theory. <i>European Physical Journal C</i> , 2009, 60, 135-140.	1.4	59
7	Observational constraint on generalized Chaplygin gas model. <i>European Physical Journal C</i> , 2009, 63, 349-354.	1.4	55
8	Dynamical dark energy after Planck CMB final release and $H_0$ tension. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 5845-5858.	1.6	46
9	Area spectrum of near-extremal SdS black holes via the new interpretation of quasinormal modes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 676, 177-179.	1.5	44
10	Combined constraints on modified Chaplygin gas model from cosmological observed data: Markov Chain Monte Carlo approach. <i>General Relativity and Gravitation</i> , 2011, 43, 819-832.	0.7	43
11	Generalized holographic and Ricci dark energy models. <i>European Physical Journal C</i> , 2009, 64, 89.	1.4	42
12	Cosmology with a variable generalized Chaplygin gas. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 680, 404-410.	1.5	41
13	Cosmological constraints on generalized Chaplygin gas model: Markov Chain Monte Carlo approach. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 025-025.	1.9	36
14	Challenging bulk viscous unified scenarios with cosmological observations. <i>Physical Review D</i> , 2019, 100, .	1.6	34
15	Constraints on kinematic model from recent cosmic observations: SN Ia, BAO and observational Hubble data. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 031-031.	1.9	32
16	THE MODIFIED CHAPLYGIN GAS AS A UNIFIED DARK SECTOR MODEL. <i>Modern Physics Letters A</i> , 2007, 22, 783-790.	0.5	31
17	COSMIC CONSTRAINTS ON DECELERATION PARAMETER WITH Sne Ia AND CMB. <i>Modern Physics Letters A</i> , 2009, 24, 369-376.	0.5	30
18	Constraints on accelerating universe using ESSENCE and Gold supernovae data combined with other cosmological probes. <i>European Physical Journal C</i> , 2008, 58, 311-324.	1.4	22

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19	The influence of free quintessence on gravitational frequency shift and deflection of light with 4D momentum. <i>European Physical Journal C</i> , 2009, 59, 107-116.	1.4	21
20	Cosmic constraint on massive neutrinos in viable $f(R)$ gravity with producing $\Lambda$ CDM background expansion. <i>European Physical Journal C</i> , 2016, 76, 1.	1.4	21
21	GEOMETRICAL DIAGNOSTIC FOR THE GENERALIZED CHAPLYGIN GAS MODEL. <i>International Journal of Modern Physics D</i> , 2009, 18, 1741-1748.	0.9	18
22	Cosmological constraints on the generalized holographic dark energy. <i>European Physical Journal C</i> , 2011, 71, 1.	1.4	18
23	Does accelerating universe indicate Brans-Dicke theory?. <i>European Physical Journal Plus</i> , 2011, 126, 1.	1.2	18
24	A more general interacting model of holographic dark energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 688, 263-268.	1.5	17
25	Solar system constraints on asymptotically flat IR modified Hoava gravity through light deflection. <i>General Relativity and Gravitation</i> , 2011, 43, 1401-1415.	0.7	15
26	Reduced modified Chaplygin gas cosmology. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	15
27	Cosmology in Poincaré gauge gravity with a pseudoscalar torsion. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	15
28	An accelerated universe from Brans-Dicke theory in the Einstein frame. <i>European Physical Journal Plus</i> , 2012, 127, 1.	1.2	11
29	Extended Chaplygin gas as a unified fluid of dark components in varying gravitational constant theory. <i>Physical Review D</i> , 2014, 89, .	1.6	11
30	COSMIC CONSTRAINTS ON HOLOGRAPHIC DARK ENERGY IN BRANS-DICKE THEORY VIA MARKOV-CHAIN MONTE-CARLO METHOD. <i>Modern Physics Letters A</i> , 2010, 25, 1441-1454.	0.5	10
31	CONSTRAINTS ON VARIABLE CHAPLYGIN GAS MODEL FROM TYPE IA SUPERNOVAE AND BARYON ACOUSTIC OSCILLATIONS. <i>Modern Physics Letters A</i> , 2010, 25, 737-747.	0.5	10
32	The generalized Brans-Dicke theory and its cosmology. <i>European Physical Journal Plus</i> , 2019, 134, 1.	1.2	10
33	Linearized modified gravity theories and gravitational waves physics in the GBD theory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 795, 129-134.	1.5	9
34	TIME VARIABLE COSMOLOGICAL CONSTANT OF HOLOGRAPHIC ORIGIN WITH INTERACTION IN BRANS-DICKE THEORY. <i>International Journal of Modern Physics D</i> , 2012, 21, 1250005.	0.9	8
35	CONSTRAINTS ON TRANSITION REDSHIFT AND DECELERATION PARAMETER FROM RECENT OBSERVATIONS. <i>Modern Physics Letters A</i> , 2008, 23, 2067-2076.	0.5	7
36	Matter sourced anisotropic stress for dark energy. <i>Physical Review D</i> , 2014, 90, .	1.6	7

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37	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
38	Investigate the interaction between dark matter and dark energy. Results in Physics, 2012, 2, 14-21.	2.0	6
39	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
40	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
41	Cosmological implications of the dark matter equation of state. International Journal of Modern Physics D, 2017, 26, 1750013.	0.9	6
42	Dynamical system approach for the modified Brans-Dicke theory. International Journal of Modern Physics D, 2019, 28, 1950132.	0.9	6
43	Quantum tunneling of Park black hole in IR modified Ho $\check{\mathrm{r}}$ gravity with cosmological constant. General Relativity and Gravitation, 2012, 44, 3139-3162.	0.7	5
44	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
45	THE EVOLUTION OF GENERALIZED CHAPLYGIN GAS. Modern Physics Letters A, 2006, 21, 1233-1239.	0.5	4
46	An interacting dark energy model in a non-flat universe. General Relativity and Gravitation, 2013, 45, 2023-2037.	0.7	4
47	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
48	Self-gravitational interaction $\mathrm{inz}=4\mathrm{Ho}^{\mathrm{A}}\mathrm{ava}$ -Lifshitz gravity. Physical Review D, 2013, 87, .	1.6	4
49	CONSTRAINT ON THE KINEMATICAL AND DYNAMICAL MODEL FROM THE LATEST OBSERVATIONAL DATA. Modern Physics Letters A, 2010, 25, 3033-3046.	0.5	3
50	Black Hole Entropy of IR Modified Ho $\mathrm{A}^{\mathrm{TM}}$ ava-Lifshitz Gravity in Quantum Statistics Perspective. International Journal of Theoretical Physics, 2011, 50, 1978-1989.	0.5	3
51	VALIDITY OF THE THERMODYNAMICAL PROPERTIES OF THE DARK ENERGY MODEL WITH THE EQUATION OF STATE: $w = w_0 + w_1 \hat{A} \cdot z(1 + z)/(1 + z^2)$ . Modern Physics Letters A, 2011, 26, 885-892.	0.5	3
52	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
53	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
54	EVOLUTION OF VARIABLE MODIFIED CHAPLYGIN GAS MODEL. Modern Physics Letters A, 2009, 24, 683-691.	0.5	2

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55	Revisiting the vacuum energy scenario from the renormalization group method of the QFT theory. European Physical Journal Plus, 2014, 129, 1.	1.2	2
56	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
57	Self-gravitation interaction of IR deformed Hořava-Lifshitz gravity via new Hamilton-Jacobi method. Modern Physics Letters A, 2014, 29, 1450084.	0.5	1
58	Cosmological Friedmann equation in infrared modified Hořava-Lifshitz gravity via generalized Misner-Sharp mass. Modern Physics Letters A, 2016, 31, 1650123.	0.5	1
59	An analytic cosmology solution of Poincaré gauge gravity. International Journal of Geometric Methods in Modern Physics, 2016, 13, 1650096.	0.8	0
60	Thermodynamics of apparent horizon and Friedmann equations in big bounce universe. General Relativity and Gravitation, 2016, 48, 1.	0.7	0