

Kai Lin

List of Publications by Year in descending order

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87
papers

1,456
citations

304743

22
h-index

395702

33
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87
all docs

87
docs citations

87
times ranked

503
citing authors

#	ARTICLE	IF	CITATIONS
1	Shadow and deflection angle of rotating black holes in perfect fluid dark matter with a cosmological constant. <i>Physical Review D</i> , 2019, 99, .	4.7	111
2	Fermion tunneling from higher-dimensional black holes. <i>Physical Review D</i> , 2009, 79, .	4.7	97
3	Fermions tunneling of higher-dimensional Kerr–Anti-de Sitter black hole with one rotational parameter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 674, 127-130.	4.1	86
4	Quasinormal Modes of Hayward Regular Black Hole. <i>International Journal of Theoretical Physics</i> , 2013, 52, 3771-3778.	1.2	48
5	Dirac quasinormal modes in spherically symmetric regular black holes. <i>Physical Review D</i> , 2013, 88, .	4.7	46
6	A matrix method for quasinormal modes: Schwarzschild black holes in asymptotically flat and (anti-) de Sitter spacetimes. <i>Classical and Quantum Gravity</i> , 2017, 34, 095004.	4.0	40
7	Post-Newtonian approximations in the Hořava-Lifshitz gravity with extra U(1) symmetry. <i>Physical Review D</i> , 2014, 89, .	4.7	37
8	Waveforms of compact binary inspiral gravitational radiation in screened modified gravity. <i>Physical Review D</i> , 2018, 98, .	4.7	35
9	A simpler method for researching fermions tunneling from black holes. <i>Chinese Physics B</i> , 2011, 20, 110403.	1.4	32
10	Universal horizons and black holes in gravitational theories with broken Lorentz symmetry. <i>International Journal of Modern Physics D</i> , 2014, 23, 1443004.	2.1	32
11	Nonlinear electromagnetic quasinormal modes and Hawking radiation of a regular black hole with magnetic charge. <i>European Physical Journal C</i> , 2015, 75, 1.	3.9	30
12	Lifshitz spacetimes, solitons, and generalized BTZ black holes in quantum gravity at a Lifshitz point. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	28
13	Strong coupling in nonrelativistic general covariant theory of gravity. <i>Physical Review D</i> , 2011, 84, .	4.7	27
14	New look at black holes: Existence of universal horizons. <i>Physical Review D</i> , 2015, 91, .	4.7	27
15	High-dimensional Lifshitz-type spacetimes, universal horizons, and black holes in Hořava-Lifshitz gravity. <i>Physical Review D</i> , 2015, 91, .	4.7	27
16	Neutral regular black hole solution in generalized Rastall gravity *. <i>Chinese Physics C</i> , 2019, 43, 083106.	3.7	27
17	A matrix method for quasinormal modes: Kerr and Kerr–Sen black holes. <i>Modern Physics Letters A</i> , 2017, 32, 1750134.	1.2	26
18	Instability and phase transitions of a rotating black hole in the presence of perfect fluid dark matter. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	25

#	ARTICLE	IF	CITATIONS
19	Quantum tunnelling in charged black holes beyond the semi-classical approximation. Europhysics Letters, 2009, 86, 20006.	2.0	24
20	Fermion tunnels of higher-dimensional anti-de Sitter Schwarzschild black hole and its corrected entropy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 506-509.	4.1	24
21	Dynamical behavior and nonminimal derivative coupling scalar field of Reissner-Nordström black hole with a global monopole. General Relativity and Gravitation, 2011, 43, 1889-1899.	2.0	24
22	Detailed balance condition and ultraviolet stability of scalar field in Horava-Lifshitz gravity. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 006-006.	5.4	23
23	Gravitational waveforms, polarizations, response functions, and energy losses of triple systems in Einstein-aether theory. Physical Review D, 2019, 99, .	4.7	21
24	Cosmic evolution of dark energy in a generalized Rastall gravity. European Physical Journal C, 2020, 80, 1.	3.9	21
25	Quantum Tunneling from Apparent Horizon of Rainbow-FRW Universe. International Journal of Theoretical Physics, 2009, 48, 2061-2067.	1.2	19
26	Solar system tests and interpretation of gauge field and Newtonian prepotential in general covariant Hořava-Lifshitz gravity. Physical Review D, 2012, 86, .	4.7	19
27	Static post-Newtonian limits in nonprojectable Hořava-Lifshitz gravity with an extra U(1) symmetry. Physical Review D, 2013, 87, .	4.7	19
28	The effects of running gravitational coupling on rotating black holes. European Physical Journal C, 2018, 78, 1.	3.9	19
29	Higher dimensional power-Maxwell charged black holes in Einstein and Rastall gravity. General Relativity and Gravitation, 2019, 51, 1.	2.0	19
30	A New Instrumental Array in Sichuan, China, to Monitor Vibrations and Perturbations of the Lithosphere, Atmosphere, and Ionosphere. Surveys in Geophysics, 0, , 1.	4.6	19
31	The signal photon flux, background photons and shot noise in electromagnetic response of high-frequency relic gravitational waves. General Relativity and Gravitation, 2011, 43, 2209-2222.	2.0	18
32	The matrix method for black hole quasinormal modes. Chinese Physics C, 2019, 43, 035105.	3.7	18
33	Asymptotical quasinormal mode spectrum for piecewise approximate effective potential. Physical Review D, 2021, 103, .	4.7	18
34	Static electromagnetic fields and charged black holes in general covariant theory of Hořava-Lifshitz gravity. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 025-025.	5.4	16
35	Static and rotating universal horizons and black holes in gravitational theories with broken Lorentz invariance. Physical Review D, 2016, 93, .	4.7	16
36	Nighttime Ionosphere Perturbed by the Annular Solar Eclipse on June 21, 2020. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029419.	2.4	15

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37	Holographic superconductors in Hořava-Lifshitz gravity. International Journal of Modern Physics D, 2015, 24, 1550038.	2.1	14
38	A Maxwell-vector p-wave holographic superconductor in a particular background AdS black hole metric. Nuclear Physics B, 2018, 930, 255-269.	2.5	14
39	Charged Einstein-Äther black holes in n-dimensional spacetime. International Journal of Modern Physics D, 2019, 28, 1950049.	2.1	14
40	Spherically symmetric static black holes in Einstein-aether theory. Physical Review D, 2020, 102, .	4.7	14
41	No static regular black holes in Einstein-complex-scalar-Gauss-Bonnet gravity. Physical Review D, 2020, 102, .	4.7	14
42	Resident Waves in the Ionosphere Before the M6.1 Dali and M7.3 Qinghai Earthquakes of 21-22 May 2021. Earth and Space Science, 2022, 9, e2021EA002159.	2.6	14
43	Scalar quasinormal modes of anti-de Sitter static spacetime in Horava-Lifshitz gravity with $U(1)$ symmetry. Physical Review D, 2016, 94, .	4.7	13
44	Gravitational waveforms and radiation powers of the triple system PSR $J_{0337+1715}$ in modified theories of gravity. Physical Review D, 2019, 100, .	4.7	13
45	Scalar quasinormal modes of nonlinear charged black holes in Rastall gravity. Europhysics Letters, 2019, 128, 50006.	2.0	11
46	Gyroscope precession frequency analysis of a five-dimensional charged rotating Kaluza-Klein black hole. Chinese Physics C, 2020, 44, 065101.	3.7	11
47	A New Regular Black Hole. International Journal of Theoretical Physics, 2013, 52, 1013-1019.	1.2	10
48	Hawking Radiation of Black Hole in Einstein-Proca Theory. International Journal of Theoretical Physics, 2014, 53, 1710-1716.	1.2	10
49	New Electrically Charged Black Hole in Higher Derivative Gravity. Brazilian Journal of Physics, 2017, 47, 419-425.	1.4	10
50	Quasinormal modes for the Vaidya metric in asymptotically anti-de Sitter spacetime. Physical Review D, 2019, 100, .	4.7	10
51	Dirac quasinormal modes of power-Maxwell charged black holes in Rastall gravity. Modern Physics Letters A, 2020, 35, 2050193.	1.2	9
52	Fermion Tunnels of Cylindrical Symmetric Black Hole and the Corrected Entropy. International Journal of Theoretical Physics, 2009, 48, 2920-2927.	1.2	8
53	Electromagnetic Quasinormal Modes in Hořava-Lifshitz Gravity. International Journal of Theoretical Physics, 2011, 50, 48-55.	1.2	8
54	Holographic phase transition and quasinormal modes in Lovelock gravity. Physical Review D, 2014, 90, .	4.7	8

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55	No static black hole hairs in gravitational theories with broken Lorentz invariance. <i>Physical Review D</i> , 2017, 95, .	4.7	8
56	Exact Scalar Field Inflationary Solution in Rainbow Universe. <i>International Journal of Theoretical Physics</i> , 2008, 47, 2991-2996.	1.2	7
57	Holographic superconductors in a rotating spacetime. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	7
58	The LAI Coupling Associated with the M6 Luxian Earthquake in China on 16 September 2021. <i>Atmosphere</i> , 2021, 12, 1621.	2.3	7
59	Gravitational Perturbation of Garfinkle-Horowitz-Strominger Dilaton Black Hole and Quasinormal Modes. <i>International Journal of Theoretical Physics</i> , 2010, 49, 2786-2792.	1.2	6
60	Massive Scalar Quasinormal Modes of Higher Dimensional Small Dilatonic Black Hole. <i>International Journal of Theoretical Physics</i> , 2013, 52, 1370-1378.	1.2	6
61	Quasinormal modes for dynamical black holes. <i>Physical Review D</i> , 2021, 103, .	4.7	6
62	Fermions tunnelling from the rotating 5-D Myers-Perry black hole. <i>General Relativity and Gravitation</i> , 2009, 41, 1887-1893.	2.0	5
63	Lorentz Invariance Violation and Modified Hawking Fermions Tunneling Radiation. <i>Advances in High Energy Physics</i> , 2016, 2016, 1-7.	1.1	5
64	Gravitational Quasinormal Modes of Regular Phantom Black Hole. <i>Advances in High Energy Physics</i> , 2017, 2017, 1-19.	1.1	5
65	On nonlinearity in hydrodynamic response to the initial geometry in relativistic heavy-ion collisions. <i>European Physical Journal A</i> , 2020, 56, 1.	2.5	5
66	Quasinormal modes in two-photon autocorrelation and the geometric-optics approximation. <i>European Physical Journal C</i> , 2022, 82, 1.	3.9	5
67	Hawking Radiation from the Higher-Dimensional Schwarzschild de Sitter and Anti-de Sitter Black Holes via Covariant Anomaly. <i>International Journal of Theoretical Physics</i> , 2008, 47, 2533-2542.	1.2	4
68	Hawking Radiation from NUT Kerr Newman Kusuya Black Hole via Effective Action and Covariant Anomalies. <i>International Journal of Theoretical Physics</i> , 2010, 49, 927-935.	1.2	4
69	Absorption probability and dynamical evolution of scalar field with nonminimal derivative coupling in Garfinkle-Horowitz-Strominger dilaton spacetime. <i>Astrophysics and Space Science</i> , 2011, 333, 369-376.	1.4	4
70	A Model with Exact Inflationary Solution in Finsler Universe. <i>International Journal of Theoretical Physics</i> , 2009, 48, 1882-1886.	1.2	3
71	DIRAC QUASINORMAL MODES OF CHARGED BRANEWORLD BLACK HOLE. <i>Modern Physics Letters A</i> , 2010, 25, 3313-3321.	1.2	3
72	Holographic Superconductor of Regular Phantom Black Hole. <i>Brazilian Journal of Physics</i> , 2016, 46, 767-776.	1.4	3

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73	Analysis of s-wave, p-wave and d-wave holographic superconductors in Hořava-Lifshitz gravity. <i>Modern Physics Letters A</i> , 2018, 33, 1850147.	1.2	3
74	Hydrodynamic results on multiplicity fluctuations in heavy-ion collisions. <i>Physical Review C</i> , 2020, 101, .	2.9	3
75	Ellis drainhole solution in Einstein-Æther gravity and the axial gravitational quasinormal modes. <i>European Physical Journal C</i> , 2022, 82, .	3.9	3
76	Dynamical Effect of Electromagnetic Wave in Spherical Symmetrical Finsler Spacetime. <i>International Journal of Theoretical Physics</i> , 2013, 52, 3176-3181.	1.2	2
77	A Spherical Symmetrical Spacetime Solution in Finsler Gravity. <i>International Journal of Theoretical Physics</i> , 2014, 53, 1271-1275.	1.2	2
78	An Analytic Approximation for Researching Tunneling Rate from Black Hole in Proca Field. <i>International Journal of Theoretical Physics</i> , 2014, 53, 3035-3045.	1.2	2
79	Modified Fermions Tunneling Radiation from Nonstationary, Axially Symmetric Kerr Black Hole. <i>Advances in High Energy Physics</i> , 2019, 2019, 1-7.	1.1	2
80	Thermodynamical consistency of quasiparticle model at finite baryon density. <i>Physical Review C</i> , 2019, 100, .	2.9	2
81	Tail wavelets in merger of binary compact objects *. <i>Chinese Physics C</i> , 2020, 44, 071001.	3.7	2
82	Centrality Dependence of Multiplicity Fluctuations from a Hydrodynamical Approach. <i>Advances in High Energy Physics</i> , 2020, 2020, 1-7.	1.1	2
83	Fermions Tunneling from Higher-Dimensional Reissner-Nordström Black Hole: Semiclassical and Beyond Semiclassical Approximation. <i>Advances in High Energy Physics</i> , 2016, 2016, 1-6.	1.1	1
84	p-Wave holographic superconductor in scalar hairy black holes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 792, 219-227.	4.1	1
85	Quasinormal Modes of Spherical Symmetrical Black Hole with x-Matter. <i>International Journal of Theoretical Physics</i> , 2014, 53, 1435-1440.	1.2	0
86	Quasinormal Modes of the Planar Black Holes of a Particular Lovelock Theory. <i>Communications in Theoretical Physics</i> , 2018, 70, 689.	2.5	0
87	Nonequilibrium Black Hole Thermodynamics in Anti-de Sitter Spacetime. <i>Advances in High Energy Physics</i> , 2021, 2021, 1-5.	1.1	0