

Zhongwen Feng

List of Publications by Year in descending order

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46
papers

530
citations

759233

12
h-index

677142

22
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48
all docs

48
docs citations

48
times ranked

251
citing authors

#	ARTICLE	IF	CITATIONS
1	Fermion tunneling from higher-dimensional black holes. <i>Physical Review D</i> , 2009, 79, .	4.7	97
2	Constraining the generalized uncertainty principle with the gravitational wave event GW150914. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 768, 81-85.	4.1	78
3	Thermodynamic phase transition of a black hole in rainbow gravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 772, 737-742.	4.1	73
4	A simpler method for researching fermions tunneling from black holes. <i>Chinese Physics B</i> , 2011, 20, 110403.	1.4	32
5	Modified fermion tunneling from higher-dimensional charged AdS black hole in massive gravity. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	26
6	Hawking radiation of vector particles via tunneling from 4-dimensional and 5-dimensional black holes. <i>Astrophysics and Space Science</i> , 2015, 359, 1.	1.4	21
7	Rainbow gravity corrections to the information flux of a black hole and the sparsity of Hawking radiation. <i>Annals of Physics</i> , 2020, 416, 168144.	2.8	21
8	Gravitational deflection of massive particles in Schwarzschild-de Sitter spacetime. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	16
9	Quantum tunneling from a high dimensional GÃ¶del black hole. <i>General Relativity and Gravitation</i> , 2016, 48, 1.	2.0	15
10	Holographic research on phase transitions for a five dimensional AdS black hole with conformally coupled scalar hair. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 764, 310-317.	4.1	14
11	The Effects of Minimal Length, Maximal Momentum, and Minimal Momentum in Entropic Force. <i>Advances in High Energy Physics</i> , 2016, 2016, 1-9.	1.1	13
12	Strong Gravitational Lensing in a Brane-World Black Hole. <i>International Journal of Theoretical Physics</i> , 2015, 54, 3103-3114.	1.2	12
13	The remnant and phase transition of a Finslerian black hole. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	12
14	Jouleâ€™s Thomson expansion of higher dimensional nonlinearly AdS black hole with power Maxwell invariant source. <i>Communications in Theoretical Physics</i> , 2021, 73, 065401.	2.5	11
15	Rainbow Gravity Corrections to the Entropic Force. <i>Advances in High Energy Physics</i> , 2018, 2018, 1-8.	1.1	8
16	Hawking temperature of Kerr anti-de-Sitter black hole affected by Lorentz symmetry violating*. <i>Communications in Theoretical Physics</i> , 2021, 73, 045402.	2.5	8
17	Deformed Hamilton-Jacobi Equations and the Tunneling Radiation of the Higher-Dimensional RN-(A)dS Black Hole. <i>International Journal of Theoretical Physics</i> , 2016, 55, 3079-3087.	1.2	6
18	Lorentz Invariance Violation and Modified Hawking Fermions Tunneling Radiation. <i>Advances in High Energy Physics</i> , 2016, 2016, 1-7.	1.1	5

#	ARTICLE	IF	CITATIONS
19	Higher-order generalized uncertainty principle corrections to the Jeans mass. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	5
20	Quantum corrections to the thermodynamics and phase transition of a black hole surrounded by a cavity in the extended phase space. <i>Communications in Theoretical Physics</i> , 0, , .	2.5	5
21	Dirac equation of spin particles and tunneling radiation from a Kinnersly black hole. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	4
22	Hawking Radiation of Massive Bosons via Tunneling from Black Strings. <i>International Journal of Theoretical Physics</i> , 2018, 57, 931-939.	1.2	4
23	Holographic Van der Waals phase transition of the higher-dimensional electrically charged hairy black hole. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	4
24	Strong Gravitational Lensing in the Einstein-Proca Theory. <i>International Journal of Theoretical Physics</i> , 2015, 54, 1245-1252.	1.2	3
25	The Tunneling Radiation from Non-Stationary Spherical Symmetry Black Holes and the Hamilton-Jacobi Equation. <i>International Journal of Theoretical Physics</i> , 2017, 56, 546-553.	1.2	3
26	The influence of entropy and neutrinos on the properties of protoneutron stars. <i>European Physical Journal A</i> , 2022, 58, 1.	2.5	3
27	Remnants by fermions' tunneling from a Hořava-Lifshitz black hole. <i>Modern Physics Letters A</i> , 2015, 30, 1550016.	1.2	2
28	A New General Tortoise Coordinate Transformation and Quantum Tunneling Effect of the Non-Stationary Higher Dimensional Vaidya-de Sitter Black Hole. <i>International Journal of Theoretical Physics</i> , 2015, 54, 604-613.	1.2	2
29	Modified tunneling radiation of the scalar particles and Dirac particles from a five-dimensional black hole. <i>Modern Physics Letters A</i> , 2016, 31, 1650022.	1.2	2
30	Wilson loop's phase transition probed by non-local observable. <i>Nuclear Physics B</i> , 2018, 929, 58-68.	2.5	2
31	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
32	Vector Particles Tunneling From a New Class of Dilaton Black Holes. <i>International Journal of Theoretical Physics</i> , 2019, 58, 143-149.	1.2	2
33	The Fermion Tunneling from a Slowly Varying Charged Black Hole. <i>International Journal of Theoretical Physics</i> , 2019, 58, 1028-1035.	1.2	2
34	Kerr-Schild form of the exact metric for a constantly moving Kerr black hole and null gravitational deflection. <i>International Journal of Modern Physics D</i> , 2021, 30, 2150067.	2.1	2
35	Periastron precession due to a Janis-Newman-Winicour wormhole in the weak field limit. <i>Modern Physics Letters A</i> , 2021, 36, 2150164.	1.2	2
36	Hawking radiation of Reissner-Nordström-de Sitter black hole with a global monopole derived from modified Hamilton-Jacobi equation. <i>Canadian Journal of Physics</i> , 2021, 99, 451-454.	1.1	2

#	ARTICLE	IF	CITATIONS
37	Higher-order generalized uncertainty principle applied to gravitational baryogenesis. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 022.	5.4	2
38	New forms and thermodynamics of the neutral rotating squashed black hole in five-dimensional vacuum Einstein gravity theory. General Relativity and Gravitation, 2016, 48, 1.	2.0	1
39	GUP Corrected Fermion Tunnelling from 2 + 1 Dimensional Black String. International Journal of Theoretical Physics, 2016, 55, 495-499.	1.2	1
40	Quasinormal Modes of Massless Scalar Field Perturbation in Reissner-Nordström-de Sitter Quintessence Spacetime. International Journal of Theoretical Physics, 2016, 55, 367-379.	1.2	1
41	Quantum tunneling from a high dimensional G�del black hole. , 2016, 48, 1.		1
42	The Tunneling Radiation from Non-Stationary Spherical Symmetry Black Holes and the Hamilton-Jacobi Equation. , 2017, 56, 546.		1
43	Research on the semiclassical theory and Hawking tunneling radiation of nonstationary Kerr black hole. International Journal of Modern Physics A, 2020, 35, 2050193.	1.5	1
44	Impacts of Generalized Uncertainty Principle on the Black Hole Thermodynamics and Phase Transition in a Cavity. Frontiers in Physics, 0, 10, .	2.1	1
45	Study on the Influence of Lorentz Dispersion Relation on Fermions Tunneling Radiation of Kerr-TAUB-NUT Black Hole. International Journal of Theoretical Physics, 2020, 59, 3015-3022.	1.2	0
46	Thermal Correction to the Kinnersley Black Hole in a Lorentz-Violating Dirac Field Theory. Frontiers in Physics, 2021, 9, .	2.1	0