

Ya-Peng Hu

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,446
citations

430874

18
h-index

361022

35
g-index

37
all docs

37
docs citations

37
times ranked

520
citing authors

#	ARTICLE	IF	CITATIONS
1	Hawking radiation of an apparent horizon in a FRW universe. Classical and Quantum Gravity, 2009, 26, 155018.	4.0	235
2	Corrected entropy-area relation and modified Friedmann equations. Journal of High Energy Physics, 2008, 2008, 090-090.	4.7	186
3	Thermodynamics of black holes in massive gravity. Physical Review D, 2015, 91, .	4.7	186
4	$P < \hat{r} > V < \mathcal{L} > \text{crit}$ in the extended phase space of black holes in massive gravity. Physical Review D, 2015, 91, .	4.7	178
5	Generalized Vaidya spacetime in Lovelock gravity and thermodynamics on the apparent horizon. Physical Review D, 2008, 78, .	4.7	116
6	Generalized Misner-Sharp energy in gravity. Physical Review D, 2009, 80, .	4.7	77
7	MASSIVE PARTICLES' HAWKING RADIATION VIA TUNNELING FROM THE G.H. DILATON BLACK HOLE. Modern Physics Letters A, 2006, 21, 2143-2149.	1.2	59
8	Holographic thermalization and generalized Vaidya-AdS solutions in massive gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 120-126.	4.1	38
9	INFORMATION LOSS IN BLACK HOLE EVAPORATION. Modern Physics Letters A, 2006, 21, 1865-1868.	1.2	35
10	Holographic charged fluid with anomalous current at finite cutoff surface in Einstein-Maxwell gravity. Journal of High Energy Physics, 2012, 2012, 1.	4.7	29
11	Misner-Sharp mass in n -dimensional Misner-Sharp mass $f(R)$ gravity. International Journal of Modern Physics D, 2011, 20, 1-10.	4.7	28
12	Misner-Sharp mass and the unified first law in massive gravity. Physical Review D, 2015, 92, .	4.7	26
13	The first order hydrodynamics via AdS/CFT correspondence in the Gauss-Bonnet gravity. Journal of High Energy Physics, 2011, 2011, 1.	4.7	25
14	Hawking evaporation of Einstein-Gauss-Bonnet AdS black holes in 4 dimensions. European Physical Journal C, 2021, 81, 1.	3.9	25
15	MASSIVE UNCHARGED AND CHARGED PARTICLES' TUNNELING FROM THE HOROWITZ-STROMINGER DILATON BLACK HOLE. International Journal of Modern Physics D, 2007, 16, 847-855.	2.1	24
16	Hydrodynamics with conserved current via AdS/CFT correspondence in the Maxwell-Gauss-Bonnet gravity. Physical Review D, 2011, 83, .	4.7	21
17	Holographic Josephson junction from massive gravity. Physical Review D, 2016, 93, .	4.7	21
18	$P < \hat{r} > V < \mathcal{L} > \text{crit}$ criticality in the extended phase space of black holes in Einstein-Horndeski gravity. Physical Review D, 2019, 100, .	4.7	20

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19	Generalized Vaidya solutions and Misner-Sharp mass for n -dimensional massive gravity. <i>Physical Review D</i> , 2017, 95, .	4.7	17
20	Hawking radiation from the cosmological horizon in a FRW universe. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 701, 269-274.	4.1	14
21	A NOTE ON THE HAWKING RADIATION CALCULATED BY THE QUASICLASSICAL TUNNELING METHOD. <i>Modern Physics Letters A</i> , 2010, 25, 295-308.	1.2	12
22	Perihelion Precession and Deflection of Light in the General Spherically Symmetric Spacetime. <i>Advances in High Energy Physics</i> , 2014, 2014, 1-7.	1.1	11
23	Divergence behavior of thermodynamic curvature scalar at critical point in the extended phase space of generic black holes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 822, 136661.	4.1	11
24	Chern-Simons effect on the dual hydrodynamics in the Maxwell-Gauss-Bonnet gravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 714, 324-330.	4.1	9
25	Bulk viscosity of dual fluid at finite cutoff surface via gravity/fluid correspondence in Einstein-Maxwell gravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 732, 298-304.	4.1	8
26	The effects of massive graviton on the equilibrium between the black hole and radiation gas in an isolated box. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 772, 553-558.	4.1	7
27	Hydrodynamics of a 5D Einstein-dilaton black hole solution and the corresponding BPS state. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	6
28	The holographic $p + ip$ solution failed to win the competition in dRGT massive gravity. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	6
29	Investigating strong gravitational lensing with black hole metrics modified with an additional term. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 822, 136683.	4.1	4
30	Tension term, interchange symmetry, and the analogy of energy and tension laws of the AdS soliton solution. <i>Journal of High Energy Physics</i> , 2009, 2009, 096-096.	4.7	3
31	Towards a sound massive cosmology. <i>Physics of the Dark Universe</i> , 2019, 23, 100257.	4.9	3
32	On the quantum mechanics for one photon. <i>Journal of Mathematical Physics</i> , 2006, 47, 052304.	1.1	2
33	SOME PROPERTIES OF ACCELERATING OBSERVERS IN THE SCHWARZSCHILD SPACE. <i>Modern Physics Letters A</i> , 2009, 24, 229-238.	1.2	2
34	Gravity/Fluid Correspondence and Its Application on Bulk Gravity with $U(1)$ Gauge Field. <i>Advances in High Energy Physics</i> , 2014, 2014, 1-8.	1.1	1
35	Theoretical Σ - Ω -D relations for shell-type galactic supernova remnants. <i>Journal of Astrophysics and Astronomy</i> , 2019, 40, 1.	1.0	1
36	Massive Particles' Tunneling Effect from An Arbitrarily Dimensional Schwarzschild Black Hole. <i>International Journal of Theoretical Physics</i> , 2006, 45, 1977-1982.	1.2	0

#	ARTICLE	IF	CITATIONS
37	Sonic velocity in holographic fluids and its applications. Chinese Physics C, 2019, 43, 013107.	3.7	0