

Hao Xu

List of Publications by Year in descending order

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16
papers

401
citations

933447

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940533

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16
all docs

16
docs citations

16
times ranked

158
citing authors

#	ARTICLE	IF	CITATIONS
1	Extended phase space thermodynamics for third-order Lovelock black holes in diverse dimensions. European Physical Journal C, 2014, 74, 1.	3.9	102
2	Gauss-Bonnet coupling constant as a free thermodynamical variable and the associated criticality. European Physical Journal C, 2014, 74, 1.	3.9	97
3	Black hole thermodynamics and heat engines in conformal gravity. International Journal of Modern Physics D, 2017, 26, 1750151.	2.1	39
4	Hawking evaporation of Einstein-Gauss-Bonnet AdS black holes in $4\leq d \leq 5$ dimensions. European Physical Journal C, 2021, 81, 1.	3.9	25
5	Thermodynamics and holographic entanglement entropy for spherical black holes in 5D Gauss-Bonnet gravity. Journal of High Energy Physics, 2016, 2016, 1.	4.7	22
6	Maxwell's equal area law for Lovelock thermodynamics. International Journal of Modern Physics D, 2017, 26, 1750037.	2.1	19
7	Black hole evaporation in conformal (Weyl) gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 97-103.	4.1	17
8	Hawking evaporation of black holes in massive gravity. European Physical Journal C, 2020, 80, 1.	3.9	15
9	Cosmic censorship and the evolution of d -dimensional charged evaporating black holes. Physical Review D, 2020, 101, .	4.7	14
10	Black hole evaporation in Lovelock gravity with diverse dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 794, 77-82.	4.1	13
11	Black hole evaporation in Hořava-Lifshitz gravity. European Physical Journal C, 2020, 80, 1.	3.9	12
12	Unruh quantum Otto heat engine with level degeneracy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135201.	4.1	11
13	On the thermodynamic phase structure of conformal gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 36-42.	4.1	6
14	Entanglement growth during Van der Waals like phase transition. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 517-522.	4.1	4
15	Landauer's principle in qubit-cavity quantum-field-theory interaction in vacuum and thermal states. Physical Review A, 2022, 105, .	2.5	4
16	Entropy production and correlation spreading in the interaction between particle detector and thermal baths. European Physical Journal Plus, 2022, 137, .	2.6	1