

# Hao Xu

## List of Publications by Year in descending order

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16  
papers

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citations

933447

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h-index

940533

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docs citations

16  
times ranked

158  
citing authors

#	ARTICLE	IF	CITATIONS
1	Landauer's principle in qubit-cavity quantum-field-theory interaction in vacuum and thermal states. Physical Review A, 2022, 105, .	2.5	4
2	Entropy production and correlation spreading in the interaction between particle detector and thermal baths. European Physical Journal Plus, 2022, 137, .	2.6	1
3	Hawking evaporation of Einstein-Gauss-Bonnet AdS black holes in $d$ dimensions. European Physical Journal C, 2021, 81, 1.	3.9	25
4	Black hole evaporation in Hořava-Lifshitz gravity. European Physical Journal C, 2020, 80, 1.	3.9	12
5	Cosmic censorship and the evolution of $d$ -dimensional charged evaporating black holes. Physical Review D, 2020, 101, .	4.7	14
6	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
7	Hawking evaporation of black holes in massive gravity. European Physical Journal C, 2020, 80, 1.	3.9	15
8	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
9	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
10	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
11	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
12	Black hole thermodynamics and heat engines in conformal gravity. International Journal of Modern Physics D, 2017, 26, 1750151.	2.1	39
13	Maxwell's equal area law for Lovelock thermodynamics. International Journal of Modern Physics D, 2017, 26, 1750037.	2.1	19
14	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
15	Extended phase space thermodynamics for third-order Lovelock black holes in diverse dimensions. European Physical Journal C, 2014, 74, 1.	3.9	102
16	Gauss-Bonnet coupling constant as a free thermodynamical variable and the associated criticality. European Physical Journal C, 2014, 74, 1.	3.9	97