

# Chao Niu

## List of Publications by Year in descending order

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34  
papers

1,064  
citations

471509

17  
h-index

395702

33  
g-index

34  
all docs

34  
docs citations

34  
times ranked

456  
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical phenomena and thermodynamic geometry of Reissner-Nordström-anti-de Sitter black holes. Physical Review D, 2012, 85, .	4.7	149
2	Holographic lattice in Einstein-Maxwell-dilaton gravity. Journal of High Energy Physics, 2013, 2013, 1.	4.7	102
3	Comparison of holographic and field theoretic complexities for time dependent thermofield double states. Journal of High Energy Physics, 2018, 2018, 1.	4.7	93
4	Metal-Insulator Transition by Holographic Charge Density Waves. Physical Review Letters, 2014, 113, 091602.	7.8	76
5	Holographic superconductor on Q-lattice. Journal of High Energy Physics, 2015, 2015, 1.	4.7	55
6	Thermoelectric conductivities, shear viscosity, and stability in an anisotropic linear axion model. Physical Review D, 2015, 92, .	4.7	53
7	Holographic fermionic liquid with lattices. Journal of High Energy Physics, 2013, 2013, 1.	4.7	46
8	Principles and symmetries of complexity in quantum field theory. European Physical Journal C, 2019, 79, 1.	3.9	45
9	Surface counterterms and regularized holographic complexity. Journal of High Energy Physics, 2017, 2017, 1.	4.7	38
10	Complexity of holographic superconductors. Journal of High Energy Physics, 2019, 2019, 1.	4.7	33
11	More on complexity of operators in quantum field theory. Journal of High Energy Physics, 2019, 2019, 1.	4.7	32
12	Holographic fermionic system with dipole coupling on Q-lattice. Journal of High Energy Physics, 2014, 2014, 1.	4.7	30
13	Incompressible Navier-Stokes equation from Einstein-Maxwell and Gauss-Bonnet-Maxwell theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 711, 411-416.	4.1	29
14	Thermal diffusivity and butterfly velocity in anisotropic Q-lattice models. Journal of High Energy Physics, 2018, 2018, 1.	4.7	28
15	Building a doped Mott system by holography. Physical Review D, 2015, 92, .	4.7	22
16	Dynamical charged black hole spontaneous scalarization in anti-de Sitter spacetimes. Physical Review D, 2021, 104, .	4.7	21
17	Magnetohydrodynamics from gravity. Physical Review D, 2012, 86, .	4.7	18
18	Holographic thermal relaxation in superfluid turbulence. Journal of High Energy Physics, 2015, 2015, 1-12.	4.7	17

#	ARTICLE	IF	CITATIONS
19	Holographic entanglement entropy close to quantum phase transitions. Journal of High Energy Physics, 2016, 2016, 1-9.	4.7	16
20	Reflected entropy in double holography. Journal of High Energy Physics, 2022, 2022, 1.	4.7	16
21	Diffusion and butterfly velocity at finite density. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
22	Holographic subregion complexity in general Vaidya geometry. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
23	Mixed state entanglement for holographic axion model. European Physical Journal C, 2020, 80, 1.	3.9	14
24	The effect of anisotropy on holographic entanglement entropy and mutual information. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 796, 155-161.	4.1	13
25	Dynamical scalarization in Einstein-Maxwell-dilaton theory. Physical Review D, 2022, 105, .	4.7	13
26	Evolution of anti-de Sitter black holes in Einstein-Maxwell-dilaton theory. Physical Review D, 2022, 105, .	4.7	13
27	Linear-T resistivity at high temperature. Journal of High Energy Physics, 2018, 2018, 1.	4.7	12
28	Entanglement of purification in holographic systems. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
29	Note on the Petrov-like boundary condition at finite cutoff surface in gravity/fluid duality. Physical Review D, 2014, 90, .	4.7	11
30	Entanglement wedge minimum cross-section in holographic massive gravity theory. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
31	Note on zero temperature holographic superfluids. Classical and Quantum Gravity, 2016, 33, 127001.	4.0	7
32	Pseudo-gap phase and duality in a holographic fermionic system with dipole coupling on Q-lattice. Chinese Physics C, 2016, 40, 043102.	3.7	5
33	What kind of "complexity" is dual to holographic complexity?. European Physical Journal C, 2022, 82, 1.	3.9	4
34	Homes' law in holographic superconductor with Q-lattices. Journal of High Energy Physics, 2016, 2016, 1.	4.7	3