

# Chao Niu

## List of Publications by Year in descending order

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34  
papers

1,064  
citations

471509

17  
h-index

395702

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g-index

34  
all docs

34  
docs citations

34  
times ranked

456  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamical scalarization in Einstein-Maxwell-dilaton theory. Physical Review D, 2022, 105, .	4.7	13
2	Evolution of anti-de Sitter black holes in Einstein-Maxwell-dilaton theory. Physical Review D, 2022, 105, .	4.7	13
3	Reflected entropy in double holography. Journal of High Energy Physics, 2022, 2022, 1.	4.7	16
4	What kind of complexity is dual to holographic complexity?. European Physical Journal C, 2022, 82, 1.	3.9	4
5	Entanglement wedge minimum cross-section in holographic massive gravity theory. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
6	Dynamical charged black hole spontaneous scalarization in anti-de Sitter spacetimes. Physical Review D, 2021, 104, .	4.7	21
7	Mixed state entanglement for holographic axion model. European Physical Journal C, 2020, 80, 1.	3.9	14
8	More on complexity of operators in quantum field theory. Journal of High Energy Physics, 2019, 2019, 1.	4.7	32
9	Entanglement of purification in holographic systems. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
10	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
11	Principles and symmetries of complexity in quantum field theory. European Physical Journal C, 2019, 79, 1.	3.9	45
12	Complexity of holographic superconductors. Journal of High Energy Physics, 2019, 2019, 1.	4.7	33
13	Holographic subregion complexity in general Vaidya geometry. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
14	Comparison of holographic and field theoretic complexities for time dependent thermofield double states. Journal of High Energy Physics, 2018, 2018, 1.	4.7	93
15	Thermal diffusivity and butterfly velocity in anisotropic Q-lattice models. Journal of High Energy Physics, 2018, 2018, 1.	4.7	28
16	Linear-T resistivity at high temperature. Journal of High Energy Physics, 2018, 2018, 1.	4.7	12
17	Diffusion and butterfly velocity at finite density. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
18	Surface counterterms and regularized holographic complexity. Journal of High Energy Physics, 2017, 2017, 1.	4.7	38

#	ARTICLE	IF	CITATIONS
19	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
20	Homesâ€™ law in holographic superconductor with Q-lattices. Journal of High Energy Physics, 2016, 2016, 1.	4.7	3
21	Holographic entanglement entropy close to quantum phase transitions. Journal of High Energy Physics, 2016, 2016, 1-9.	4.7	16
22	Note on zero temperature holographic superfluids. Classical and Quantum Gravity, 2016, 33, 127001.	4.0	7
23	Building a doped Mott system by holography. Physical Review D, 2015, 92, .	4.7	22
24	Thermoelectric conductivities, shear viscosity, and stability in an anisotropic linear axion model. Physical Review D, 2015, 92, .	4.7	53
25	Holographic thermal relaxation in superfluid turbulence. Journal of High Energy Physics, 2015, 2015, 1-12.	4.7	17
26	Holographic superconductor on Q-lattice. Journal of High Energy Physics, 2015, 2015, 1.	4.7	55
27	Note on the Petrov-like boundary condition at finite cutoff surface in gravity/fluid duality. Physical Review D, 2014, 90, .	4.7	11
28	Holographic fermionic system with dipole coupling on Q-lattice. Journal of High Energy Physics, 2014, 2014, 1.	4.7	30
29	Metal-Insulator Transition by Holographic Charge Density Waves. Physical Review Letters, 2014, 113, 091602.	7.8	76
30	Holographic fermionic liquid with lattices. Journal of High Energy Physics, 2013, 2013, 1.	4.7	46
31	Holographic lattice in Einstein-Maxwell-dilaton gravity. Journal of High Energy Physics, 2013, 2013, 1.	4.7	102
32	Magnetohydrodynamics from gravity. Physical Review D, 2012, 86, .	4.7	18
33	Critical phenomena and thermodynamic geometry of Reissner-Nordström-anti-de Sitter black holes. Physical Review D, 2012, 85, .	4.7	149
34	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