Jian-Pin Wu

List of Publications by Year
in descending order

67	1,293	361413	395702
papers	citations	20 h-index	33 g-index

67	67	67	314
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Holographic lattice in Einstein-Maxwell-dilaton gravity. Journal of High Energy Physics, 2013, 2013, 1.	4.7	102
2	The <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mn>3</mml:mn><mml:mo>+</mml:mo><mml:mn>1</mml:mn></mml:math> holographic superconductor with Weyl corrections. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 153-158.	4.1	87
3	Metal-Insulator Transition by Holographic Charge Density Waves. Physical Review Letters, 2014, 113, 091602.	7.8	76
4	The StÃ¼ckelberg holographic superconductors with Weyl corrections. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 604-611.	4.1	59
5	Holographic superconductor on Q-lattice. Journal of High Energy Physics, 2015, 2015, 1.	4.7	55
6	Holographic fermionic liquid with lattices. Journal of High Energy Physics, 2013, 2013, 1.	4.7	46
7	Holographic metal-insulator transition in higher derivative gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 41-48.	4.1	43
8	DC and Hall conductivity in holographic massive Einstein-Maxwell-Dilaton gravity. Journal of High Energy Physics, 2015, 2015, 1.	4.7	41
9	Characterization of quantum phase transition using holographic entanglement entropy. Physical Review D, 2016, 93, .	4.7	37
10	Note on the butterfly effect in holographic superconductor models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 288-291.	4.1	34
11	Holographic butterfly effect at quantum critical points. Journal of High Energy Physics, 2017, 2017, 1.	4.7	34
12	Holographic fermionic system with dipole coupling on Q-lattice. Journal of High Energy Physics, 2014, 2014, 1.	4.7	30
13	Thermal transport and quasi-normal modes in Gaussâ€“Bonnet-axions theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 117-123.	4.1	30
14	Holographic superconductors from the massive gravity. Physical Review D, 2014, 90, .	4.7	29
15	Holographic fermions in charged Gauss-Bonnet black hole. Journal of High Energy Physics, 2011, 2011, 1.	4.7	28
16	Some properties of the holographic fermions in an extremal charged dilatonic black hole. Physical Review D, 2011, 84, .	4.7	26
17	Dipole coupling effect of holographic fermion in the background of charged Gauss-Bonnet AdS black hole. Journal of High Energy Physics, 2012, 2012, 1.	4.7	26
18	Dynamic gap from holographic fermions in charged dilaton black branes. Journal of High Energy Physics, 2012, 2012, 1.	4.7	25

#	Article	IF	Citations
19	A novel insulator by holographic Q-lattices. Journal of High Energy Physics, 2016, 2016, 1.	4.7	24
20	Building a doped Mott system by holography. Physical Review D, 2015, 92, .	4.7	22
21	Chaos from the ring string in a Gauss-Bonnet black hole in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>AdS</mml:mi></mml:mrow><mml:mrow><mml:mn>5</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review D, 2014, 89, .	4.7	21
22	Dynamical gap from holography in the charged dilaton black hole. Classical and Quantum Gravity, 2013, 30, 145011.	4.0	19
23	Evolutions of entanglement and complexity after a thermal quench in massive gravity theory. Physical Review D, 2019, 100, .	4.7	19
24	Holographic fermions in charged dilaton black branes. Nuclear Physics B, 2013, 867, 810-826.	2.5	18
25	The charged Lifshitz black brane geometry and the bulk dipole coupling. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 450-456.	4.1	18
26	Holographic superconductivity from higher derivative theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 527-532.	4.1	17
27	Holographic incoherent transport in Einstein-Maxwell-dilaton gravity. Physical Review D, 2016, 94, .	4.7	16
28	Holographic entanglement entropy close to quantum phase transitions. Journal of High Energy Physics, 2016, 2016, 1-9.	4.7	16
29	Emergence of gap from holographic fermions on charged Lifshitz background. Journal of High Energy Physics, 2013, 2013, 1.	4.7	15
30	Dynamically generated gap from holography in the charged black brane with hyperscaling violation. Journal of High Energy Physics, 2015, 2015, 1.	4.7	15
31	Formation of Fermi surfaces and the appearance of liquid phases in holographic theories with hyperscaling violation. Journal of High Energy Physics, 2014, 2014, 1.	4.7	14
32	Fermionic phase transition induced by the effective impurity in holography. Journal of High Energy Physics, 2015, 2015, 1.	4.7	14
33	Weyl corrections to diffusion and chaos in holography. Journal of High Energy Physics, 2018, 2018, 1.	4.7	14
34	Holographic fermions on a charged Lifshitz background from Einstein-Dilaton-Maxwell model. Journal of High Energy Physics, 2013, 2013, 1.	4.7	13
35	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
36	Holographic response from higher derivatives with homogeneous disorder. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 569-574.	4.1	12

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37	Lifshitz black branes and DC transport coefficients in massive Einstein-Maxwell-dilaton gravity. Physical Review D, 2018, 97, .	4.7	12
38	Anisotropic Fermi surface from holography. Physical Review D, 2015, 91, .	4.7	11
39	Quasi-normal modes of holographic system with Weyl correction and momentum dissipation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 616-621.	4.1	11
40	Mixed state entanglement and thermal phase transitions. Physical Review D, 2021, 104, .	4.7	11
41	Holographic superconductor on a novel insulator. Chinese Physics C, 2018, 42, 013106.	3.7	10
42	Analytical shear viscosity in hyperscaling violating black brane. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 422-427.	4.1	9
43	Holographic transports from Bornâ€“Infeld electrodynamics with momentum dissipation. European Physical Journal C, 2018, 78, 1.	3.9	9
44	Transport phenomena and Weyl correction in effective holographic theory of momentum dissipation. European Physical Journal C, 2018, 78, 1.	3.9	9
45	The holographic fermions dual to massive gravity. Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.	5.1	8
46	Momentum dissipation and holographic transport without self-duality. European Physical Journal C, 2018, 78, 1.	3.9	8
47	Holographic quantum critical conductivity from higher derivative electrodynamics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 296-300.	4.1	8
48	Informational properties of holographic Lifshitz field theory *. Chinese Physics C, 2021, 45, 065101.	3.7	8
49	Holographic informational properties for a specific Einstein-Maxwell-dilaton gravity theory. Physical Review D, 2021, 104, .	4.7	8
50	Holographic fermionic spectrum from Bornâ€“Infeld AdS black hole. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 758, 440-448.	4.1	7
51	Dynamic properties of two-dimensional latticed holographic system. Journal of High Energy Physics, 2022, 2022, 1.	4.7	7
52	Effect of quintessence on holographic fermionic spectrum. European Physical Journal C, 2017, 77, 1.	3.9	6
53	The analytical treatments on the low energy behaviors of the holographic non-relativistic fermions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 448-454.	4.1	5
54	Scalar boundary conditions in hyperscaling violating geometry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 34-40.	4.1	5

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55	Dynamical gap driven by Yukawa coupling in holography. European Physical Journal C, 2019, 79, 1.	3.9	4
56	EM Duality and Quasinormal Modes from Higher Derivatives with Homogeneous Disorder. Advances in High Energy Physics, 2019, 2019, 1-19.	1.1	4
57	Holographic quantum critical response from 6 derivative theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 348-353.	4.1	4
58	Holographic p-wave superconductivity from higher derivative theory. European Physical Journal C, 2021, 81, 1.	3.9	4
59	Holography of electrically and magnetically charged black branes. European Physical Journal C, 2019, 79, 1.	3.9	3
60	A novel holographic quantum phase transition and butterfly velocity. Journal of High Energy Physics, 2022, 2022, .	4.7	3
61	Transport properties of a 3-dimensional holographic effective theory with gauge-axion coupling. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137124.	4.1	3
62	Higher derivatives driven symmetry breaking in holographic superconductors. European Physical Journal C, 2020, 80, 1.	3.9	2
63	Doped holographic fermionic system. European Physical Journal C, 2020, 80, 1.	3.9	2
64	Alternating current conductivity and superconducting properties of a holographic effective model with broken translations. European Physical Journal C, 2022, 82, .	3.9	2
65	Holographic fermionic spectrum with Weyl correction. Modern Physics Letters A, 2019, 34, 1950045.	1.2	1
66	Coductivities in holographic two-currents model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 815, 136178.	4.1	1
67	Analytical Study of the Holographic Superconductor from Higher Derivative Theory. Advances in High Energy Physics, 2020, 2020, 1-10.	1.1	0