Hong-tao Feng

List of Publications by Year
in descending order

31	275	933447 10	940533 16
papers	citations	h-index	g-index

31	31	31	50
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hybrid stars and the QCD phase transition with an NJL-type model. Physical Review D, 2022, 105, .	4.7	3
2	CJT effective potential approach to analyze the nature of phase transition of thermal QED$$_3$$ at finite volume. European Physical Journal C, 2021, 81, 1.	3.9	1
3	Finite-volume effects on the chiral phase transition of thermal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>QED</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review D, 2019, 100, .	4.7	2
4	Deconfinement phase transition of thermal QED3. Physical Review D, 2018, 98, .	4.7	1
5	Dynamical gap generation in a two-dimensional Dirac semimetal with a deformed Dirac cone. Physical Review B, 2017, 96, .	3.2	11
6	Effect of Fermion Velocity on Phase Structure of QED 3. Communications in Theoretical Physics, 2016, 66, 517-520.	2.5	0
7	Influence of boson mass on chiral phase transition inQED3. Physical Review D, 2016, 94, .	4.7	3
8	Chiral phase transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>QED</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> finite temperature and impurity potential. Physical Review D, 2016, 93, .	4.7	3
9	Critical Behavior of Dynamical Chiral Symmetry Breaking with Gauge Boson Mass in QED 3. Chinese Physics Letters, 2015, 32, 111102.	3.3	2
10	Different critical points of chiral and deconfinement phase transitions in (2 + 1)-dimensional fermionâ€“gauge interacting model. European Physical Journal C, 2014, 74, 1.	3.9	4
11	Nature of chiral phase transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>QED</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> zero density. Physical Review D, 2014, 90, .	4.7	10
12	Influence of gauge boson mass on the staggered spin susceptibility. Physical Review D, 2014, 90, .	4.7	11
13	The chiral phase transition of QED3 around the critical number of fermion flavors. Annals of Physics, 2014, 348, 306-314.	2.8	8
14	Continuum study of various susceptibilities within thermal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="bold">QED</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review D, 2014, 90, .	4.7	13
15	Critical behavior of QED3 at finite temperature and density. European Physical Journal C, 2013, 73, 1.	3.9	6
16	Staggered spin susceptibility and chiral phase transition in thermal<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>QED</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review D, 2013, 88, .	4.7	5
17	Calculation of the staggered spin correlation in the framework of the Dyson-Schwinger approach. Physical Review D, 2013, 87, .	4.7	5
18	Chiral phase diagram inQED3. Physical Review D, 2012, 86, .	4.7	5

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19	Characteristic of chiral phase transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>QED</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>at zero density. Physical Review D, 2012, 86, .	4.7	13
20	INFLUENCE OF A UNIFORM MAGNETIC FIELD ON DYNAMICAL CHIRAL SYMMETRY BREAKING IN QED₃. Modern Physics Letters A, 2012, 27, 1250026.	1.2	3
21	CROSSOVER FROM CHIRAL SUSCEPTIBILITY IN QED₃. Modern Physics Letters A, 2012, 27, 1250209.	1.2	5
22	A TOY MODEL TO STUDY THE PEAK OF CHIRAL SUSCEPTIBILITY AND CHIRAL PHASE TRANSITION AT FINITE TEMPERATURE. Modern Physics Letters A, 2012, 27, 1250156.	1.2	0
23	Investigation of phase transition in QED3. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 688, 178-184.	4.1	11
24	EFFECT OF GAUGE BOSON MASS ON THE PHASE STRUCTURE OF QED3. Modern Physics Letters A, 2010, 25, 2645-2653.	1.2	5
25	INFLUENCE OF GAUGE BOSON MASS ON FERMION CHIRAL CONDENSATE IN QED3. International Journal of Modern Physics A, 2009, 24, 3969-3974.	1.5	2
26	Influence of finite chemical potential on the fermion chiral condensate in QED3. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 661, 57-65.	4.1	33
27	Quark-meson vertices and pion properties at finite chemical potential. Physical Review C, 2008, 78, .	2.9	8
28	PHASE STRUCTURE OF QED3 AT FINITE CHEMICAL POTENTIAL AND TEMPERATURE. Modern Physics Letters A, 2007, 22, 449-456.	1.2	16
29	Continuum study of quark-number susceptibility in an effective interaction model. Physical Review D, 2007, 76, .	4.7	23
30	Influence of finite chemical potential on the critical number of fermion flavors inQED3_. Physical Review D, 2006, 73, .	4.7	40
31	THE INFLUENCE OF THE GAUGE BOSON MASS ON THE CRITICAL NUMBER OF THE FERMION FLAVORS IN QED3. International Journal of Modern Physics A, 2005, 20, 2753-2762.	1.5	23