Hong-Shi Zong

List of Publications by Year
in descending order

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232	3,476	159525	265120
papers	citations	30 h-index	42 g-index

233	233	233	1115
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Completing the Picture of the Roper Resonance. Physical Review Letters, 2015, 115, 171801.	2.9	100
2	New approach for calculating the dressed quark propagator at finite chemical potential. Physical Review C, 2005, 71, .	1.1	75
3	Valence-quark distribution functions in the kaon and pion. Physical Review D, 2016, 93, .	1.6	72
4	Chiral phase transition with a chiral chemical potential in the framework of Dyson-Schwinger equations. Physical Review D, 2015, 91, .	1.6	63
5	Analytical computation of critical exponents in several holographic superconductors. Journal of High Energy Physics, 2011, 2011, 1.	1.6	58
6	Kaon and pion parton distribution amplitudes to twist three. Physical Review D, 2015, 92, .	1.6	58
7	Locate QCD critical end point in a continuum model study. Journal of High Energy Physics, 2014, 2014, 1.	1.6	57
8	Calculation of the equation of state of QCD at finite chemical and zero temperature. Physical Review D, 2008, 78, .	1.6	55
9	Pion and kaon valence-quark parton quasidistributions. Physical Review D, 2018, 97, .	1.6	55
10	Chiral susceptibility and the scalar Ward identity. Physical Review C, 2009, 79, .	1.1	50
11	Possible interpretation of theZ_b(10610) andZ_b(10650) in a chiral quark model. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 105001.	1.4	42
12	Progress in vacuum susceptibilities and their applications to the chiral phase transition of QCD. Annals of Physics, 2015, 358, 172-205.	1.0	42
13	Flavour symmetry breaking in the kaon parton distribution amplitude. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 512-518.	1.5	41
14	Identifying the nature of the QCD transition in relativistic collision of heavy nuclei with deep learning. European Physical Journal C, 2020, 80, 1.	1.4	41
15	Influence of finite chemical potential on the critical number of fermion flavors inQED3_. Physical Review D, 2006, 73, .	1.6	40
16	A MODEL STUDY OF THE EQUATION OF STATE OF QCD. International Journal of Modern Physics A, 2008, 23, 3591-3612.	0.5	39
17	Effect of the chiral chemical potential on the position of the critical endpoint. Physical Review D, 2015, 91, .	1.6	39
18	Pauli equation for a charged spin particle on a curved surface in an electric and magnetic field. Physical Review A, 2014, 90, .	1.0	38

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19	New method for numerically solving the chemical potential dependence of the dressed quark propagator. Physical Review C, 2005, 72, .	1.1	37
20	Contact-interaction Faddeev equation and,interÂalia, proton tensor charges. Physical Review D, 2015, 92, .	1.6	37
21	Calculation of vacuum properties from the global color symmetry model. Physical Review D, 2003, 67, .	1.6	36
22	Modified approach for calculating vacuum susceptibility. Physical Review C, 2005, 72, .	1.1	36
23	Distribution amplitudes of light-quark mesons from lattice QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 731, 13-18.	1.5	36
24	The Wigner solution of quark gap equation and chiral phase transition of QCD at finite temperature and nonzero chemical potential. European Physical Journal C, 2013, 73, 1.	1.4	35
25	Do current astronomical observations exclude the existence of nonstrange quark stars?. Physical Review D, 2019, 100, .	1.6	35
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.	1.5	33
27	Elastic electromagnetic form factors of vector mesons. Physical Review D, 2019, 100, .	1.6	33
28	The Wigner solution and QCD phase transitions in a modified PNJL model. European Physical Journal C, 2014, 74, 1.	1.4	32
29	Quark number susceptibility around the critical end point. Physical Review D, 2009, 79, .	1.6	31
30	Critical end point in the presence of a chiral chemical potential. Physical Review D, 2016, 94, .	1.6	31
31	Constraints on the hybrid equation of state with a crossover hadron-quark phase transition in the light of GW170817. Physical Review D, 2018, 98, .	1.6	31
32	A model study of QCD phase transition. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 2655-2663.	1.4	30
33	Connecting neutron star observations to the high density equation of state of a quasiparticle model. Physical Review D, 2012, 86, .	1.6	30
34	Quantum particle confined to a thin-layer volume: Non-uniform convergence toward the curved surface. Annals of Physics, 2016, 364, 68-78.	1.0	30
35	Parity partners in the baryon resonance spectrum. Physical Review C, 2017, 96, .	1.1	30
36	Critical behaviors near the (tri-)critical end point of QCD within the NJL model. European Physical Journal C, 2015, 75, 1.	1.4	29

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37	Distribution amplitudes of radially-excited<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ï€</mml:mi></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>K</mml:mi></mml:math>mesons. Physical Review D, 2016, 93, .	1.6	29
38	Calculation of some properties ofÏ€andÏ*f* mesons in the global color symmetry model. Physical Review C, 1998, 58, 1195-1204.	1.1	28
39	Chiral phase transition of QCD at finite chemical potential. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
40	Finite-volume effects on phase transition in the Polyakov-loop extended Nambuâ€“Jona-Lasinio model with a chiral chemical potential. International Journal of Modern Physics A, 2017, 32, 1750067.	0.5	28
41	Geometric influences of a particle confined to a curved surface embedded in three-dimensional Euclidean space. Physical Review A, 2017, 96, .	1.0	28
42	Studies of two-solar-mass hybrid stars within the framework of Dyson-Schwinger equations. Physical Review D, 2015, 92, .	1.6	27
43	New constraints on primordial minihalo abundance using cosmic microwave background observations. Physical Review D, 2011, 84, .	1.6	26
44	Neutrino signals from ultracompact minihalos and constraints on the primordial curvature perturbation. Physical Review D, 2013, 87, .	1.6	26
45	Continuum study of the QCD phase diagram through an OPE-modified gluon propagator. Physical Review D, 2016, 93, .	1.6	26
46	Nonstrange quark stars from an NJL model with proper-time regularization. Physical Review D, 2019, 100, .	1.6	26
47	Transition form factors: <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Î³</mml:mi><mml:mo>*</mml:mo></mml:msup><mml:mo>+</mml:mo><mml:mi>p</mml:mi><mml:mo stretchy="false">â†’</mml:mo><mml:mi mathvariant="normal">Î”</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>1232</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 337 Td (stretchy="false">)</mml:mo><mml:msup><mml:mi>N</mml:mi><mml:mo>*</mml:mo></mml:msup></mml:math>	1.6	26
48	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.	0.5	23
49	Continuum study of quark-number susceptibility in an effective interaction model. Physical Review D, 2007, 76, .	1.6	23
50	Crossover from a continuum study of chiral susceptibility. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 675, 32-37.	1.5	23
51	Discussions on the crossover property within the Nambuâ€“Jona-Lasinio model. Physical Review D, 2013, 88, .	1.6	23
52	Mapping the QCD phase diagram with susceptibilities of conserved charges within Nambuâ€“Jona-Lasinio model. International Journal of Modern Physics A, 2017, 32, 1750061.	0.5	23
53	Studies of the structure of massive hybrid stars within a modified NJL model. Physical Review D, 2018, 97, .	1.6	23
54	Vacuum condensates in the global color symmetry model. Physical Review C, 1999, 60, .	1.1	22

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55	Supercurrent in a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi></mml:math>-wave holographic superconductor. Physical Review D, 2011, 83, .	1.6	22
56	Nonlinear susceptibilities under the framework of Dyson-Schwinger equations. Physical Review D, 2014, 90, .	1.6	22
57	Pion and kaon valence quark distribution functions from Dyson-Schwinger equations. Physical Review D, 2018, 98, .	1.6	22
58	New perspective on hybrid mesons. European Physical Journal A, 2019, 55, 1.	1.0	22
59	Modified approach for calculating tensor vacuum susceptibility. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 639, 248-257.	1.5	21
60	Dynamical chiral symmetry breaking in the NJL model with a constant external magnetic field. Physical Review D, 2015, 91, .	1.6	21
61	Nambuâ€“Jona-Lasinio model with proper time regularization in a finite volume. Modern Physics Letters A, 2018, 33, 1850232.	0.5	21
62	Novel self-consistent mean field approximation and its application in strong interaction phase transitions *. Chinese Physics C, 2019, 43, 084102.	1.5	21
63	Finite volume effects on the chiral phase transition from Dysonâ€“Schwinger equations of QCD. Nuclear Physics B, 2019, 938, 298-306.	0.9	21
64	A thermodynamically consistent quasi-particle model without temperature-dependent infinity of the vacuum zero point energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 711, 65-70.	1.5	20
65	Proper time regularization and the QCD chiral phase transition. Scientific Reports, 2017, 7, 45937.	1.6	20
66	Compact <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mi>s</mml:mi><mml:mi>s</mml:mi><mml:mi>s</mml:mi><mml:mi>c</mml:mi><mml:mover accent="true"><mml:mrow><mml:mi>c</mml:mi></mml:mrow><mml:mrow><mml:mo stretchy="false">Â¯</mml:mo></mml:mrow></mml:mover></mml:math> pentaquark states predicted by a quark model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 135028.	1.5	20
67	Pure leptonic decays of theBcmeson and their radiative corrections. Physical Review D, 1999, 60, .	1.6	19
68	Modified approach for calculating axial vector vacuum susceptibility. Physical Review C, 2006, 73, .	1.1	19
69	Wigner solution of the quark gap equation at nonzero current quark mass and partial restoration of chiral symmetry at finite chemical potential. Physical Review D, 2012, 85, .	1.6	19
70	Contribution of ultracompact dark matter minihalos to the isotropic radio background. Physical Review D, 2013, 87, .	1.6	19
71	QCD phase diagram with a chiral chemical potential. Physical Review D, 2016, 93, .	1.6	19
72	Strange quark stars within proper time regularized (<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 72 Td (xmlns:mml="http://www.v	1.6	19

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73	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>d</mml:mi></mml:math>-wave holographic superconductor vortex lattice and non-Abelian holographic superconductor droplet. Physical Review D, 2010, 82, .	1.6	18
74	Bag model and quark star. Physical Review D, 2010, 82, .	1.6	18
75	Chiral phase diagram of strongly interacting matter at finite volume. Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	2.0	18
76	QCD phase diagram in chiral imbalance with self-consistent mean field approximation. Physical Review D, 2019, 100, .	1.6	18
77	Vacuum pseudoscalar susceptibility. Physical Review C, 2010, 81, .	1.1	17
78	The abundance of new kind of dark-matter structures. European Physical Journal Plus, 2011, 126, 1.	1.2	17
79	A thermodynamically consistent quasi-particle model without density-dependent infinity of the vacuum zero-point energy. European Physical Journal C, 2013, 73, 1.	1.4	17
80	Structures of the strange quark stars within a quasiparticle model. Physical Review D, 2019, 99, .	1.6	17
81	Semileptonic decays of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>D</mml:mi><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mi>s</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 417 Td (stretchy="false") 102, .	1.6	17
82	Violation of local realism by a system withNspin-12particles. Physical Review A, 2003, 68, .	1.0	16
83	PHASE STRUCTURE OF QED3 AT FINITE CHEMICAL POTENTIAL AND TEMPERATURE. Modern Physics Letters A, 2007, 22, 449-456.	0.5	16
84	Revisiting the vector and axial-vector vacuum susceptibilities. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 669, 327-330.	1.5	16
85	Equation of state of a quasiparticle model at finite chemical potential and quark star. Physical Review D, 2012, 85, .	1.6	16
86	The two-flavor NJL model with two-cutoff proper time regularization. International Journal of Modern Physics Conference Series, 2014, 29, 1460232.	0.7	16
87	Leading-twist distribution amplitudes of scalar and vector mesons. Physical Review D, 2016, 94, .	1.6	16
88	Studies of the hybrid star structure within <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>2</mml:mn><mml:mo>+</mml:mo><mml:mn>1</mml:mn></mml:mrow></mml:math> flavors NJL model. Physical Review D, 2017, 95, .	1.6	16
89	Geometric effects resulting from square and circular confinements for a particle constrained to a space curve. Physical Review A, 2018, 97, .	1.0	16
90	Pseudo-magnetic-field and effective spin-orbit interaction for a spin-1/2 particle confined to a curved surface. Physical Review A, 2018, 98, .	1.0	16

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91	Chiral transition and the chiral charge density of the hot and dense QCD matter.. Journal of High Energy Physics, 2020, 2020, 1.	1.6	16
92	A note on transverse axial vector and vector anomalies in U(1) gauge theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 569, 211-218.	1.5	15
93	The quark number susceptibility in the hard-thermal-loop approximation. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 055001.	1.4	15
94	A model study of quark number susceptibility at finite temperature beyond rainbow-ladder approximation. Journal of High Energy Physics, 2011, 2011, 1.	1.6	15
95	Study of rotational quark stars and hybrid stars based on the latest equation of state and observation data. Physical Review D, 2015, 91, .	1.6	15
96	Probing the QCD phase structure with higher order baryon number susceptibilities within the NJL model. Chinese Physics C, 2019, 43, 033103.	1.5	15
97	Finite volume effects on chiral phase transition and pseudoscalar mesons properties from the Polyakov-Nambu-Jona-Lasinio model. Nuclear Physics B, 2020, 952, 114919.	0.9	15
98	Wigner solution of the quark gap equation. European Physical Journal C, 2018, 78, 1.	1.4	14
99	Model study of a quark star. Physical Review D, 2011, 83, .	1.6	13
100	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, .	1.6	13
101	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, .	1.6	13
102	Proper time regularization at finite quark chemical potential. Modern Physics Letters A, 2016, 31, 1650086.	0.5	13
103	Limits on dark matter from AMS-02 antiproton and positron fraction data. Physical Review D, 2016, 93, .	1.6	13
104	Chiral crossover transition in a finite volume. Chinese Physics C, 2018, 42, 023101.	1.5	13
105	Superconducting coherence length and magnetic penetration depth of ap-wave holographic superconductor. Physical Review D, 2010, 81, .	1.6	12
106	Effect of the induced interaction on the superfluid-transition temperature of ultracold Fermi gases within theT-matrix approximation. Physical Review A, 2013, 87, .	1.0	12
107	2+1 flavors QCD equation of state at zero temperature within Dysonâ€“Schwinger equations. International Journal of Modern Physics A, 2015, 30, 1550217.	0.5	12
108	Close-in Exoplanets as Candidates for Strange Quark Matter Objects. Astrophysical Journal, 2020, 890, 41.	1.6	12

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109	Nonperturbative aspects of axial vector vertex in the global color symmetry model. Physical Review C, 2002, 66, .	1.1	11
110	Properties of cold dense nuclear matter based on a nonperturbative approach inspired by chiral perturbation theory. Physical Review C, 2009, 80, .	1.1	11
111	Investigation of phase transition in QED3. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 688, 178-184.	1.5	11
112	Influence of gauge boson mass on the staggered spin susceptibility. Physical Review D, 2014, 90, .	1.6	11
113	Dynamical gap generation in a two-dimensional Dirac semimetal with a deformed Dirac cone. Physical Review B, 2017, 96, .	1.1	11
114	Finite volume effects on the QCD chiral phase transition in the finite size dependent Nambu-Jona-Lasinio model. Chinese Physics C, 2019, 43, 034101.	1.5	11
115	Chiral phase transition in a rotating sphere. Physical Review D, 2020, 101, .	1.6	11
116	Chiral phase transition and critical end point inQED3. Physical Review D, 2012, 86, .	1.6	10
117	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, .	1.6	10
118	A Model Study of the Chiral Phase Diagram of QCD. Few-Body Systems, 2014, 55, 47-56.	0.7	10
119	Susceptibilities and critical exponents within the Nambuâ€“Jona-Lasinio model. International Journal of Modern Physics A, 2015, 30, 1550199.	0.5	10
120	Curvature-induced bound states and coherent electron transport on the surface of a truncated cone. Physica E: Low-Dimensional Systems and Nanostructures, 2016, 76, 28-34.	1.3	10
121	Electromagnetic wave propagating along a space curve. Physical Review A, 2018, 97, .	1.0	10
122	A new algorithm towards a quasi-Wigner solution of the gap equation beyond the chiral limit. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 105001.	1.4	10
123	Chiral phase transition from the Dyson-Schwinger equations in a finite spherical volume *. Chinese Physics C, 2019, 43, 063101.	1.5	10
124	Characteristic length of a holographic superconductor with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>d</mml:mi></mml:math>-wave gap. Physical Review D, 2010, 82, .	1.6	9
125	Transmission gaps from corrugations. Journal Physics D: Applied Physics, 2016, 49, 295103.	1.3	9
126	Coherent electron transport in a helical nanotube. Physica E: Low-Dimensional Systems and Nanostructures, 2016, 83, 246-255.	1.3	9

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127	Possible $$D^{(*)}ar{D}^{(*)}$$ D (âˆ—) D Â¯ (âˆ—) and $$B^{(*)}ar{B}^{(*)}$$ B (âˆ—) B Â¯ (âˆ—) molecular states in the extended constituent quark models. European Physical Journal C, 2017, 77, 1.	1.4	9
128	Susceptibilities and the critical band of crossover region in the QCD phase diagram. European Physical Journal C, 2019, 79, 1.	1.4	9
129	Chiral phase transition inside a rotating cylinder within the Nambuâ€“Jona-Lasinio model. Physical Review D, 2020, 102, .	1.6	9
130	Quark-meson vertices and pion properties at finite chemical potential. Physical Review C, 2008, 78, .	1.1	8
131	The chiral phase transition of QED3 around the critical number of fermion flavors. Annals of Physics, 2014, 348, 306-314.	1.0	8
132	Studies of Wigner-Weyl solution and external magnetic field in an NJL model. Physical Review D, 2016, 94, .	1.6	8
133	Geometrical phase and Hall effect associated with the transverse spin of light. Physical Review A, 2019, 100, .	1.0	8
134	Finite volume effects on QCD susceptibilities with a chiral chemical potential. Physical Review D, 2020, 102, .	1.6	8
135	Color superconductivity in a self-consistent NJL-type model. Physical Review D, 2020, 102, .	1.6	8
136	GENERAL FORMULA FOR THE FOUR-QUARK CONDENSATE AND VACUUM FACTORIZATION ASSUMPTION. International Journal of Modern Physics A, 2008, 23, 1507-1520.	0.5	7
137	New algorithm to study the pseudo-Wigner solution of the quark gap equation in the framework of the (2+1)-flavor NJL model. Physical Review D, 2019, 99, .	1.6	7
138	Self-consistent mean field approximation and application in three-flavor NJL model. Chinese Physics C, 2020, 44, 074104.	1.5	7
139	The Generalized Fierz Transformation and Its Application. Communications in Theoretical Physics, 1994, 22, 479-482.	1.1	6
140	THE BEHAVIOR OF THE GAUGE-BOSON PROPAGATOR IN THE DIFFERENT PHASES OF QED3. International Journal of Modern Physics A, 2006, 21, 6003-6014.	0.5	6
141	Critical behavior of QED3 at finite temperature and density. European Physical Journal C, 2013, 73, 1.	1.4	6
142	NJL model with the modified quark-dependent coupling strength G. Modern Physics Letters A, 2017, 32, 1750107.	0.5	6
143	Chiral crossover transition from the Dyson-Schwinger equations in a sphere. Physical Review D, 2020, 102, .	1.6	6
144	A Brief Review of Chiral Chemical Potential and Its Physical Effects. Symmetry, 2020, 12, 2095.	1.1	6

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145	Rotating fermions inside a spherical boundary. Physical Review D, 2020, 102, .	1.6	6
146	Contributions of the vector-channel at finite isospin chemical potential with the self-consistent mean field approximation. Physical Review D, 2020, 101, .	1.6	6
147	Nambuâ€“Jona-Lasinio model in a sphere. Physical Review D, 2020, 101, .	1.6	6
148	THE CHIRAL QUARK CONDENSATE AND THE BAG CONSTANT WITH FINITE CHEMICAL POTENTIAL. International Journal of Modern Physics A, 2006, 21, 3387-3399.	0.5	5
149	Calculation of Tensor Susceptibility Beyond Rainbow-Ladder Approximation. Few-Body Systems, 2010, 48, 31-39.	0.7	5
150	CALCULATION OF BULK VISCOSITY OF QCD AT ZERO TEMPERATURE AND FINITE CHEMICAL POTENTIAL. Modern Physics Letters A, 2011, 26, 1797-1806.	0.5	5
151	Chiral phase diagram inQED3. Physical Review D, 2012, 86, .	1.6	5
152	Dual fermion condensate and phase transition in QED3. Science China: Physics, Mechanics and Astronomy, 2013, 56, 1116-1119.	2.0	5
153	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, .	1.6	5
154	Calculation of the staggered spin correlation in the framework of the Dyson-Schwinger approach. Physical Review D, 2013, 87, .	1.6	5
155	Discussion of Various Susceptibilities within Thermal and Dense Quantum Chromodynamics. Chinese Physics Letters, 2015, 32, 121203.	1.3	5
156	Spin-polarized transport in helical membranes due to spinâ€“orbit coupling. Journal of Physics Condensed Matter, 2017, 29, 135801.	0.7	5
157	Robustness of the semimetal state of Na3Bi and Cd3As2 against Coulomb interactions. Physical Review B, 2018, 97, .	1.1	5
158	Discussion of thermodynamic features within the PNJL model. Chinese Physics C, 2018, 42, 123105.	1.5	5
159	The geometric potential of a double-frequency corrugated surface. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 2124-2129.	0.9	5
160	Dynamical Study of S-Wave $$ar{Q}Qar{q}q$$ Q Â¯ Q q Â¯ q System. Few-Body Systems, 2019, 60, 1.	0.7	5
161	On the stability of two-flavor and three-flavor quark matter in quark stars within the framework of NJL model. Modern Physics Letters A, 2020, 35, 2050321.	0.5	5
162	Light front wave functions and diffractive electroproduction of vector mesons. Physical Review D, 2021, 104, .	1.6	5

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163	Calculation of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>f</mml:mi><mml:mi>Ï€</mml:mi></mml:msub></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>m</mml:mi><mml:mi>Ï€</mml:mi></mml:msub></mml:math>at finite chemical potential. Physical Review D, 2008, 78, .	1.6	4
164	Wigner Solution to the Quark Gap Equation in the Nonzero Current Quark Mass. Chinese Physics Letters, 2012, 29, 041201.	1.3	4
165	Different critical points of chiral and deconfinement phase transitions in (2 + 1)-dimensional fermionâ€“gauge interacting model. European Physical Journal C, 2014, 74, 1.	1.4	4
166	Noncommutative field with constant background fields and neutral fermions. Physical Review D, 2015, 91, .	1.6	4
167	Calculation of dissociation temperature of nucleon using Gaussian expansion method. Physical Review D, 2018, 98, .	1.6	4
168	Geometric Effects of a Quarter of Corrugated Torus. Condensed Matter, 2019, 4, 3.	0.8	4
169	Geometric effects on the electronic structure and the bound states in annular corrugated wires. Journal of Physics Condensed Matter, 2020, 32, 025504.	0.7	4
170	Effective dynamics for a spin-1/2 particle constrained to a space curve in an electric and magnetic field. Physical Review A, 2020, 101, .	1.0	4
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