

# Hong-Shi Zong

## List of Publications by Year in descending order

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232  
papers

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159358

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docs citations

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times ranked

1115  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring hybrid star EOS with constraints from tidal deformability of GW170817. Nuclear Physics A, 2022, 1025, 122489.	0.6	2
2	Finite-Size Effects with Boundary Conditions on Bose-Einstein Condensation. Symmetry, 2021, 13, 300.	1.1	4
3	Bound states and energy shifts resulting from corrugations. Results in Physics, 2021, 22, 103974.	2.0	4
4	Hybrid stars can be self-bound. Physical Review D, 2021, 103, .	1.6	1
5	QCD phase diagram at finite isospin and baryon chemical potentials with the self-consistent mean field approximation *. Chinese Physics C, 2021, 45, 064102.	1.5	4
6	The influence of corrugations on spin polarization in magnetic field. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 400, 127288.	0.9	1
7	Prediction of Double-heavy Tetraquarks Bound States in Quark Model. Few-Body Systems, 2021, 62, 1.	0.7	1
8	Chiral phase transition and equation of state in chiral imbalance *. Chinese Physics C, 2021, 45, 084110.	1.5	1
9	Static properties of skyrmions and nucleons at finite isospin chemical potential. Modern Physics Letters A, 2021, 36, 2150046.	0.5	0
10	Light front wave functions and diffractive electroproduction of vector mesons. Physical Review D, 2021, 104, .	1.6	5
11	Self-consistent mean field approximation and application in three-flavor NJL model. Chinese Physics C, 2020, 44, 074104.	1.5	7
12	Geometry-induced quantum Hall effect and Hall viscosity. Physical Review B, 2020, 102, .	1.1	2
13	Semileptonic decays of $D_s$ mesons. Physical Review D, 2020, 102, .	1.1	2
14	Finite volume effects on QCD susceptibilities with a chiral chemical potential. Physical Review D, 2020, 102, .	1.6	8
15	Transverse Ward-Takahashi identities and full vertex functions in different representations of QED3. Chinese Physics C, 2020, 44, 073105.	1.5	2
16	Chiral crossover transition from the Dyson-Schwinger equations in a sphere. Physical Review D, 2020, 102, .	1.6	6
17	A Brief Review of Chiral Chemical Potential and Its Physical Effects. Symmetry, 2020, 12, 2095.	1.1	6
18	Resonant states of $^3S_1$ mesons in the three-body cluster model. Physical Review D, 2020, 102, .	1.1	3

#	ARTICLE	IF	CITATIONS
19	Rotating fermions inside a spherical boundary. <i>Physical Review D</i> , 2020, 102, .	1.6	6
20	Color superconductivity in a self-consistent NJL-type model. <i>Physical Review D</i> , 2020, 102, .	1.6	8
21	Geometric effects on the electronic structure and the bound states in annular corrugated wires. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 025504.	0.7	4
22	Chiral phase transition in a rotating sphere. <i>Physical Review D</i> , 2020, 101, .	1.6	11
23	Effective dynamics for a spin-1/2 particle constrained to a space curve in an electric and magnetic field. <i>Physical Review A</i> , 2020, 101, .	1.0	4
24	Strange quark stars within proper time regularized ( $\chi$ ETQq0 0 0 rgBT /Overlock 10 Tf 50 552 Td (xmlns:mml="http://www	1.6	19
25	Chiral transition and the chiral charge density of the hot and dense QCD matter.. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	16
26	Finite volume effects on chiral phase transition and pseudoscalar mesons properties from the Polyakov-Nambu-Jona-Lasinio model. <i>Nuclear Physics B</i> , 2020, 952, 114919.	0.9	15
27	Skyrmion stability at finite isospin chemical potential and temperature. <i>Chinese Physics C</i> , 2020, 44, 014103.	1.5	2
28	QCD susceptibilities in the presence of the chiral chemical potential. <i>Modern Physics Letters A</i> , 2020, 35, 2050137.	0.5	0
29	Contributions of the vector-channel at finite isospin chemical potential with the self-consistent mean field approximation. <i>Physical Review D</i> , 2020, 101, .	1.6	6
30	Nambu-Jona-Lasinio model in a sphere. <i>Physical Review D</i> , 2020, 101, .	1.6	6
31	Chiral phase transition inside a rotating cylinder within the Nambu-Jona-Lasinio model. <i>Physical Review D</i> , 2020, 102, .	1.6	9
32	Identifying the nature of the QCD transition in relativistic collision of heavy nuclei with deep learning. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	41
33	On the stability of two-flavor and three-flavor quark matter in quark stars within the framework of NJL model. <i>Modern Physics Letters A</i> , 2020, 35, 2050321.	0.5	5
34	Close-in Exoplanets as Candidates for Strange Quark Matter Objects. <i>Astrophysical Journal</i> , 2020, 890, 41.	1.6	12
35	Novel self-consistent mean field approximation and its application in strong interaction phase transitions *. <i>Chinese Physics C</i> , 2019, 43, 084102.	1.5	21
36	New perspective on hybrid mesons. <i>European Physical Journal A</i> , 2019, 55, 1.	1.0	22



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55	Finite volume effects on the chiral phase transition from Dyson-Schwinger equations of QCD. Nuclear Physics B, 2019, 938, 298-306.	0.9	21
56	Dynamical Study of S-Wave $Q\bar{q}q\bar{Q}Q\bar{q}q$ System. Few-Body Systems, 2019, 60, 1.	0.7	5
57	Transition form factors: $\langle \bar{p}   \hat{T}   p \rangle$	0.7	5
58	Chiral crossover transition in a finite volume. Chinese Physics C, 2018, 42, 023101.	1.5	13
59	The pressure and entropy of a unitary Fermi gas with particle-hole fluctuation. Modern Physics Letters B, 2018, 32, 1750364.	1.0	0
60	Geometric effects resulting from square and circular confinements for a particle constrained to a space curve. Physical Review A, 2018, 97, .	1.0	16
61	Robustness of the semimetal state of Na3Bi and Cd3As2 against Coulomb interactions. Physical Review B, 2018, 97, .	1.1	5
62	Electromagnetic wave propagating along a space curve. Physical Review A, 2018, 97, .	1.0	10
63	Wigner solution of the quark gap equation. European Physical Journal C, 2018, 78, 1.	1.4	14
64	Nambu-Jona-Lasinio model with proper time regularization in a finite volume. Modern Physics Letters A, 2018, 33, 1850232.	0.5	21
65	Revisiting heavy quark radiative energy loss in nuclei within the high-twist approach. Physical Review D, 2018, 98, .	1.6	1
66	Calculation of dissociation temperature of nucleon using Gaussian expansion method. Physical Review D, 2018, 98, .	1.6	4
67	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
68	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
69	Discussion of thermodynamic features within the PNJL model. Chinese Physics C, 2018, 42, 123105.	1.5	5
70	Density-Dependence of Nuclear Symmetry Energy: Role of QCD Chiral Phase Transition. Journal of Experimental and Theoretical Physics, 2018, 127, 299-304.	0.2	0
71	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
72	Deconfinement phase transition of thermal QED3. Physical Review D, 2018, 98, .	1.6	1

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73	Transverse anomalies and Dyson-Schwinger equation in QED3 and QED2 theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 787, 39-44.	1.5	3
74	Pion and kaon valence quark distribution functions from Dyson-Schwinger equations. Physical Review D, 2018, 98, .	1.6	22
75	2 + 1 Flavors QCD Equation of State in NJL Model with Proper Time Regularization. Journal of Experimental and Theoretical Physics, 2018, 127, 64-72.	0.2	2
76	Pion and kaon valence-quark parton quasidistributions. Physical Review D, 2018, 97, .	1.6	55
77	Studies of the structure of massive hybrid stars within a modified NJL model. Physical Review D, 2018, 97, .	1.6	23
78	Chiral phase diagram of strongly interacting matter at finite volume. Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	2.0	18
79	Calculation of dissociation temperature of quarkonium using Gaussian Expansion Method. Chinese Physics C, 2018, 42, 083103.	1.5	3
80	Spin-polarized transport in helical membranes due to spin-orbit coupling. Journal of Physics Condensed Matter, 2017, 29, 135801.	0.7	5
81	Gamma-ray bursts generated from phase transition of neutron stars to quark stars. Modern Physics Letters A, 2017, 32, 1750027.	0.5	2
82	A phenomenological study of hybrid stars in which the crossover transition from quark to hadron makes the EOS stiffer in contrast to the hybrid EOS based on Maxwell condition. Modern Physics Letters A, 2017, 32, 1750051.	0.5	3
83	Proper time regularization and the QCD chiral phase transition. Scientific Reports, 2017, 7, 45937.	1.6	20
84	Finite-volume effects on phase transition in the Polyakov-loop extended Nambu-Jona-Lasinio model with a chiral chemical potential. International Journal of Modern Physics A, 2017, 32, 1750067.	0.5	28
85	Mapping the QCD phase diagram with susceptibilities of conserved charges within Nambu-Jona-Lasinio model. International Journal of Modern Physics A, 2017, 32, 1750061.	0.5	23
86	Dynamical chiral symmetry breaking in NJL Model with a strong background magnetic field and Lorentz-violating extension of the Standard Model. Chinese Physics C, 2017, 41, 063104.	1.5	0
87	NJL model with the modified quark-dependent coupling strength G. Modern Physics Letters A, 2017, 32, 1750107.	0.5	6
88	Studies of the hybrid star structure within $2 + 1$ flavors NJL model. Physical Review D, 2017, 95, .	1.6	16
89	QCD equation of state for heavy ion collisions. Chinese Physics C, 2017, 41, 103101.	1.5	0
90	Dynamical gap generation in a two-dimensional Dirac semimetal with a deformed Dirac cone. Physical Review B, 2017, 96, .	1.1	11

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91	Geometric influences of a particle confined to a curved surface embedded in three-dimensional Euclidean space. <i>Physical Review A</i> , 2017, 96, .	1.0	28
92	Parity partners in the baryon resonance spectrum. <i>Physical Review C</i> , 2017, 96, .	1.1	30
93	Dynamical mass generation in $\langle b \rangle$ QED $\langle sub \rangle 3 \langle /sub \rangle$ beyond the instantaneous approximation. <i>Chinese Physics C</i> , 2017, 41, 073102.	1.5	0
94	Conversion of neutron stars to 2 + 1 flavor Nambu–Jona-Lasinio quark stars as a mechanism for gamma-ray bursts. <i>Modern Physics Letters A</i> , 2017, 32, 1750209.	0.5	0
95	Baryon number fluctuations in quasi-particle model. <i>European Physical Journal C</i> , 2017, 77, 1.	1.4	3
96	Discussion on Lorentz invariance violation of noncommutative field theory and neutrino oscillation. <i>International Journal of Modern Physics A</i> , 2017, 32, 1750040.	0.5	1
97	Pion properties at finite isospin chemical potential with isospin symmetry breaking. <i>Chinese Physics C</i> , 2017, 41, 124106.	1.5	3
98	Effects of Fierz transformation on gap equation and CEP at finite chemical potential and finite temperature in Hartree–Fock approximation. <i>Modern Physics Letters A</i> , 2017, 32, 1750222.	0.5	1
99	Chiral and deconfinement phase transitions in QED3 with finite gauge boson mass. <i>Journal of Experimental and Theoretical Physics</i> , 2017, 125, 752-761.	0.2	1
100	Possible $D^{\{(*)\}}_{\{D\}^{\{(*)\}} D (\hat{a}^-) D \hat{A}^- (\hat{a}^-)$ and $B^{\{(*)\}}_{\{B\}^{\{(*)\}} B (\hat{a}^-) B \hat{A}^- (\hat{a}^-)$ molecular states in the extended constituent quark models. <i>European Physical Journal C</i> , 2017, 77, 1.	1.4	9
101	Schrödinger Equation of a Particle on a Rotating Curved Surface. <i>Chinese Physics Letters</i> , 2016, 33, 030301.	1.3	3
102	Transmission gaps from corrugations. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 295103.	1.3	9
103	Chiral phase transition in QED3 at finite temperature. <i>International Journal of Modern Physics A</i> , 2016, 31, 1650198.	0.5	1
104	Proper time regularization at finite quark chemical potential. <i>Modern Physics Letters A</i> , 2016, 31, 1650086.	0.5	13
105	Coherent electron transport in a helical nanotube. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016, 83, 246-255.	1.3	9
106	Influence of boson mass on chiral phase transition in QED3. <i>Physical Review D</i> , 2016, 94, .	1.6	3
107	Chiral phase transition in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:msub} \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{QED} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$ finite temperature and impurity potential. <i>Physical Review D</i> , 2016, 93, .	1.3	3
108	Continuum study of the QCD phase diagram through an OPE-modified gluon propagator. <i>Physical Review D</i> , 2016, 93, .	1.6	26

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109	Valence-quark distribution functions in the kaon and pion. Physical Review D, 2016, 93, .	1.6	72
110	QCD phase diagram with a chiral chemical potential. Physical Review D, 2016, 93, .	1.6	19
111	Leptophilic dark matter in Galactic Center excess. Physical Review D, 2016, 93, .	1.6	3
112	Limits on dark matter from AMS-02 antiproton and positron fraction data. Physical Review D, 2016, 93, .	1.6	13
113	Distribution amplitudes of radially-excited $\rho$ and $\omega$ mesons. Physical Review D, 2016, 93, .	1.6	29
114	Morphology of $\gamma$ -ray emission induced by $\tilde{\chi}^{\pm}$ from annihilating self-interacting dark matter. Physical Review D, 2016, 93, .	1.6	1
115	Critical end point in the presence of a chiral chemical potential. Physical Review D, 2016, 94, .	1.6	31
116	Studies of Wigner-Weyl solution and external magnetic field in an NJL model. Physical Review D, 2016, 94, .	1.6	8
117	Leading-twist distribution amplitudes of scalar and vector mesons. Physical Review D, 2016, 94, .	1.6	16
118	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
119	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
120	Studies of two-solar-mass hybrid stars within the framework of Dyson-Schwinger equations. Physical Review D, 2015, 92, .	1.6	27
121	Constraints on dark matter from AMS-02 electron data. Physical Review D, 2015, 92, .	1.6	3
122	Completing the Picture of the Roper Resonance. Physical Review Letters, 2015, 115, 171801.	2.9	100
123	Kaon and pion parton distribution amplitudes to twist three. Physical Review D, 2015, 92, .	1.6	58
124	Contact-interaction Faddeev equation and $\rho$ proton tensor charges. Physical Review D, 2015, 92, .	1.6	37
125	A Model-Independent Discussion of Quark Number Density and Quark Condensate at Zero Temperature and Finite Quark Chemical Potential. Chinese Physics Letters, 2015, 32, 121101.	1.3	1
126	Discussion of Various Susceptibilities within Thermal and Dense Quantum Chromodynamics. Chinese Physics Letters, 2015, 32, 121203.	1.3	5



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127	Critical behaviors near the (tri-)critical end point of QCD within the NJL model. European Physical Journal C, 2015, 75, 1.	1.4	29
128	2+1 flavors QCD equation of state at zero temperature within Dyson-Schwinger equations. International Journal of Modern Physics A, 2015, 30, 1550217.	0.5	12
129	Dynamical chiral symmetry breaking in the NJL model with a constant external magnetic field. Physical Review D, 2015, 91, .	1.6	21
130	Chiral phase transition with a chiral chemical potential in the framework of Dyson-Schwinger equations. Physical Review D, 2015, 91, .	1.6	63
131	Susceptibilities and critical exponents within the Nambu-Jona-Lasinio model. International Journal of Modern Physics A, 2015, 30, 1550199.	0.5	10
132	Noncommutative field with constant background fields and neutral fermions. Physical Review D, 2015, 91, .	1.6	4
133	Effect of the chiral chemical potential on the position of the critical endpoint. Physical Review D, 2015, 91, .	1.6	39
134	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
135	Progress in vacuum susceptibilities and their applications to the chiral phase transition of QCD. Annals of Physics, 2015, 358, 172-205.	1.0	42
136	Dyson-Schwinger Equations of Chiral Chemical Potential. Chinese Physics Letters, 2015, 32, 081101.	1.3	2
137	Nonlinear susceptibilities under the framework of Dyson-Schwinger equations. Physical Review D, 2014, 90, .	1.6	22
138	Different critical points of chiral and deconfinement phase transitions in (2 + 1)-dimensional fermion-gauge interacting model. European Physical Journal C, 2014, 74, 1.	1.4	4
139	Influence of thermalization on the initial condition for heavy ion collisions. Science China: Physics, Mechanics and Astronomy, 2014, 57, 2060-2069.	2.0	2
140	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
141	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
142	Nature of chiral phase transition in $QED_{3+1}$ at zero density. Physical Review D, 2014, 90, .	1.0	10
143	Influence of gauge boson mass on the staggered spin susceptibility. Physical Review D, 2014, 90, .	1.6	11
144	The Wigner solution and QCD phase transitions in a modified PNJL model. European Physical Journal C, 2014, 74, 1.	1.4	32

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145	Quadratic Yukawa coupling and matrix Yukawa coupling in the large N expansion. Science Bulletin, 2014, 59, 484-491.	1.7	0
146	MOMENTUM RESOLVED RADIO FREQUENCY SPECTROSCOPY OF A UNITARY FERMI GAS WITH EXTENDED GMB APPROXIMATION. Modern Physics Letters B, 2014, 28, 1450028.	1.0	1
147	Locate QCD critical end point in a continuum model study. Journal of High Energy Physics, 2014, 2014, 1.	1.6	57
148	A Model Study of the Chiral Phase Diagram of QCD. Few-Body Systems, 2014, 55, 47-56.	0.7	10
149	The chiral phase transition of QED3 around the critical number of fermion flavors. Annals of Physics, 2014, 348, 306-314.	1.0	8
150	Continuum study of various susceptibilities within thermal $QED_3$ . Physical Review D, 2014, 90, .	1.6	13
151	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
152	The two-flavor NJL model with two-cutoff proper time regularization. International Journal of Modern Physics Conference Series, 2014, 29, 1460232.	0.7	16
153	Chiral phase transition of QCD at finite chemical potential. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
154	Critical behavior of QED3 at finite temperature and density. European Physical Journal C, 2013, 73, 1.	1.4	6
155	Dual fermion condensate and phase transition in QED3. Science China: Physics, Mechanics and Astronomy, 2013, 56, 1116-1119.	2.0	5
156	THE STUDY OF QCD PHASE TRANSITION AT FINITE TEMPERATURE AND CHIRAL CHEMICAL POTENTIAL IN A DYSON-SCHWINGER EQUATION MODEL. Modern Physics Letters A, 2013, 28, 1350105.	0.5	2
157	Staggered spin susceptibility and chiral phase transition in thermal $QED_3$ . Physical Review D, 2013, 88, .	1.6	5
158	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
159	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
160	The relation between Pauli and $\hat{I}^3$ representation in QED3 and induced Chern-Simons term. Science Bulletin, 2013, 58, 3735-3737.	1.7	0
161	Calculation of the staggered spin correlation in the framework of the Dyson-Schwinger approach. Physical Review D, 2013, 87, .	1.6	5
162	Contribution of ultracompact dark matter minihalos to the isotropic radio background. Physical Review D, 2013, 87, .	1.6	19

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163	Neutrino signals from ultracompact minihalos and constraints on the primordial curvature perturbation. <i>Physical Review D</i> , 2013, 87, .	1.6	26
164	Effect of the induced interaction on the superfluid-transition temperature of ultracold Fermi gases within the T-matrix approximation. <i>Physical Review A</i> , 2013, 87, .	1.0	12
165	Discussions on the crossover property within the Nambu–Jona-Lasinio model. <i>Physical Review D</i> , 2013, 88, .	1.6	23
166	CHIRAL ANOMALY OF MASSLESS FERMION AT FINITE TEMPERATURE AND CHEMICAL POTENTIAL. <i>Modern Physics Letters A</i> , 2013, 28, 1350006.	0.5	0
167	Possible interpretation of the $Z_{\text{b}}$ (10610) and $Z_{\text{b}}$ (10650) in a chiral quark model. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2012, 39, 105001.	1.4	42
168	Chiral phase diagram in QED3. <i>Physical Review D</i> , 2012, 86, .	1.6	5
169	Wigner solution of the quark gap equation at nonzero current quark mass and partial restoration of chiral symmetry at finite chemical potential. <i>Physical Review D</i> , 2012, 85, .	1.6	19
170	Characteristic of chiral phase transition in $QED^3$ at zero density. <i>Physical Review D</i> , 2012, 86, .	1.6	13
171	Chiral phase transition and critical end point in QED3. <i>Physical Review D</i> , 2012, 86, .	1.6	10
172	Connecting neutron star observations to the high density equation of state of a quasiparticle model. <i>Physical Review D</i> , 2012, 86, .	1.6	30
173	Equation of state of a quasiparticle model at finite chemical potential and quark star. <i>Physical Review D</i> , 2012, 85, .	1.6	16
174	INFLUENCE OF A UNIFORM MAGNETIC FIELD ON DYNAMICAL CHIRAL SYMMETRY BREAKING IN $QED^3$ . <i>Modern Physics Letters A</i> , 2012, 27, 1250026.	0.5	3
175	Wigner Solution to the Quark Gap Equation in the Nonzero Current Quark Mass. <i>Chinese Physics Letters</i> , 2012, 29, 041201.	1.3	4
176	A model study of the equation of state, quark-number susceptibility and scalar susceptibility of QCD at finite chemical potential and zero temperature. <i>Science China: Physics, Mechanics and Astronomy</i> , 2012, 55, 2425-2433.	2.0	3
177	The Glauber model correction towards equilibrium. <i>Science China: Physics, Mechanics and Astronomy</i> , 2012, 55, 2049-2056.	2.0	3
178	A thermodynamically consistent quasi-particle model without temperature-dependent infinity of the vacuum zero point energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 711, 65-70.	1.5	20
179	New constraints on primordial minihalo abundance using cosmic microwave background observations. <i>Physical Review D</i> , 2011, 84, .	1.6	26
180	Model study of a quark star. <i>Physical Review D</i> , 2011, 83, .	1.6	13

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181	The abundance of new kind of dark-matter structures. European Physical Journal Plus, 2011, 126, 1.	1.2	17
182	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
183	Analytical computation of critical exponents in several holographic superconductors. Journal of High Energy Physics, 2011, 2011, 1.	1.6	58
184	Supercurrent in a $p$ -wave holographic superconductor. Physical Review D, 2011, 83, .	1.6	22
185	CALCULATION OF BULK VISCOSITY OF QCD AT ZERO TEMPERATURE AND FINITE CHEMICAL POTENTIAL. Modern Physics Letters A, 2011, 26, 1797-1806.	0.5	5
186	Calculation of Tensor Susceptibility Beyond Rainbow-Ladder Approximation. Few-Body Systems, 2010, 48, 31-39.	0.7	5
187	Investigation of phase transition in QED3. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 688, 178-184.	1.5	11
188	Study of Dynamical Chiral Symmetry Breaking in (2 + 1) Dimensional Abelian Higgs Model. Symmetry, 2010, 2, 907-915.	1.1	0
189	The quark number susceptibility in the hard-thermal-loop approximation. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 055001.	1.4	15
190	Vacuum pseudoscalar susceptibility. Physical Review C, 2010, 81, .	1.1	17
191	Characteristic length of a holographic superconductor with $d$ -wave gap. Physical Review D, 2010, 82, .	1.6	9
192	$d$ -wave holographic superconductor vortex lattice and non-Abelian holographic superconductor droplet. Physical Review D, 2010, 82, .	1.6	18
193	Superconducting coherence length and magnetic penetration depth of $p$ -wave holographic superconductor. Physical Review D, 2010, 81, .	1.6	12
194	Bag model and quark star. Physical Review D, 2010, 82, .	1.6	18
195	Chiral susceptibility and the scalar Ward identity. Physical Review C, 2009, 79, .	1.1	50
196	Properties of cold dense nuclear matter based on a nonperturbative approach inspired by chiral perturbation theory. Physical Review C, 2009, 80, .	1.1	11
197	A MODEL STUDY OF QUARK NUMBER SUSCEPTIBILITY AT FINITE CHEMICAL POTENTIAL AND ZERO TEMPERATURE. International Journal of Modern Physics A, 2009, 24, 2241-2251.	0.5	2
198	INFLUENCE OF GAUGE BOSON MASS ON FERMION CHIRAL CONDENSATE IN QED3. International Journal of Modern Physics A, 2009, 24, 3969-3974.	0.5	2

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199	The equation of state of QCD under hard-dense-loop approximation. Science in China Series G: Physics, Mechanics and Astronomy, 2009, 52, 1513-1517.	0.2	1
200	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
201	Quark number susceptibility around the critical end point. Physical Review D, 2009, 79, .	1.6	31
202	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
203	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
204	Calculation of the equation of state of QCD at finite chemical and zero temperature. Physical Review D, 2008, 78, .	1.6	55
205	Calculation of $\chi_f$ at finite chemical potential. Physical Review D, 2008, 78, .	1.6	4
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