Hong-Shi Zong

List of Publications by Year in Descending Order

227 papers	2,801 citations	27 h-index	37 g-index
233 ext. papers	3,232 ext. citations	3.4 avg, IF	5.56 L-index

#	Paper	IF	Citations
227	Bound states and energy shifts resulting from corrugations. *Results in Physics*, **2021**, 22, 103974	3.7	0
226	QCD phase diagram at finite isospin and baryon chemical potentials with the self-consistent mean field approximation *. *Chinese Physics C*, **2021**, 45, 064102	2.2	2
225	The influence of corrugations on spin polarization in magnetic field. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2021**, 400, 127288	2.3	0
224	Finite-Size Effects with Boundary Conditions on Bose-Einstein Condensation. *Symmetry*, **2021**, 13, 300	2.7	2
223	Prediction of Double-heavy Tetraquarks Bound States in Quark Model. *Few-Body Systems*, **2021**, 62, 1	1.6	
222	Chiral phase transition and equation of state in chiral imbalance *. *Chinese Physics C*, **2021**, 45, 084110	2.2	
221	Static properties of skyrmions and nucleons at finite isospin chemical potential. *Modern Physics Letters A*, **2021**, 36, 2150046	1.3	
220	Resonant states of Be with + + three-body cluster model. *Physical Review C*, **2020**, 102,	2.7	1
219	Rotating fermions inside a spherical boundary. *Physical Review D*, **2020**, 102,	4.9	4
218	Color superconductivity in a self-consistent NJL-type model. *Physical Review D*, **2020**, 102,	4.9	3
217	Geometric effects on the electronic structure and the bound states in annular corrugated wires. *Journal of Physics Condensed Matter*, **2020**, 32, 025504	1.8	2
216	Chiral phase transition in a rotating sphere. *Physical Review D*, **2020**, 101,	4.9	6
215	Effective dynamics for a spin-1/2 particle constrained to a space curve in an electric and magnetic field. *Physical Review A*, **2020**, 101,	2.6	1
214	Strange quark stars within proper time regularized (2+1)-flavor NJL model. *Physical Review D*, **2020**, 101,	4.9	10
213	Chiral transition and the chiral charge density of the hot and dense QCD matter.. *Journal of High Energy Physics*, **2020**, 2020, 1	5.4	9
212	Finite volume effects on chiral phase transition and pseudoscalar mesons properties from the Polyakov-Nambu-Jona-Lasinio model. *Nuclear Physics B*, **2020**, 952, 114919	2.8	7
211	Skyrmion stability at finite isospin chemical potential and temperature. *Chinese Physics C*, **2020**, 44, 014103	3.1	2

210	QCD susceptibilities in the presence of the chiral chemical potential. *Modern Physics Letters A*, **2020**, 35, 2050137	1.3	
209	Nambu□ona-Lasinio model in a sphere. *Physical Review D*, **2020**, 101,	4.9	5
208	Chiral phase transition inside a rotating cylinder within the Nambu□ona-Lasinio model. *Physical Review D*, **2020**, 102,	4.9	2
207	Identifying the nature of the QCD transition in relativistic collision of heavy nuclei with deep learning. *European Physical Journal C*, **2020**, 80, 1	4.2	21
206	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	1.3	1
205	Close-in Exoplanets as Candidates for Strange Quark Matter Objects. *Astrophysical Journal*, **2020**, 890, 41	4.7	7
204	Self-consistent mean field approximation and application in three-flavor NJL model. *Chinese Physics C*, **2020**, 44, 074104	2.2	2
203	Geometry-induced quantum Hall effect and Hall viscosity. *Physical Review B*, **2020**, 102,	3.3	1
202	Semileptonic decays of D(s) mesons. *Physical Review D*, **2020**, 102,	4.9	13
201	Finite volume effects on QCD susceptibilities with a chiral chemical potential. *Physical Review D*, **2020**, 102,	4.9	5
200	Transverse Ward-Takahashi identities and full vertex functions in different representations of QED3. *Chinese Physics C*, **2020**, 44, 073105	2.2	2
199	Chiral crossover transition from the Dyson-Schwinger equations in a sphere. *Physical Review D*, **2020**, 102,	4.9	2
198	A Brief Review of Chiral Chemical Potential and Its Physical Effects. *Symmetry*, **2020**, 12, 2095	2.7	2
197	Contributions of the vector-channel at finite isospin chemical potential with the self-consistent mean field approximation. *Physical Review D*, **2020**, 101,	4.9	4
196	Do current astronomical observations exclude the existence of nonstrange quark stars?. *Physical Review D*, **2019**, 100,	4.9	16
195	Geometrical phase and Hall effect associated with the transverse spin of light. *Physical Review A*, **2019**, 100,	2.6	2
194	Finite-volume effects on the chiral phase transition of thermal QED3. *Physical Review D*, **2019**, 100,	4.9	1
193	Geometric Effects of a Quarter of Corrugated Torus. *Condensed Matter*, **2019**, 4, 3	1.8	1

192	Probing the QCD phase structure with higher order baryon number susceptibilities within the NJL model. *Chinese Physics C*, **2019**, 43, 033103	2.2	9
191	Three-Body Structure of (^9_{varLambda })Be with (alpha alpha varLambda) Cluster Model. *Few-Body Systems*, **2019**, 60, 1	1.6	2
190	Susceptibilities and the critical band of crossover region in the QCD phase diagram. *European Physical Journal C*, **2019**, 79, 1	4.2	8
189	Second to tenth order susceptibilities of conserved charges within a modified Nambu-Jona-Lasinio model. *Chinese Physics C*, **2019**, 43, 054109	2.2	1
188	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,	4.9	3
187	The geometric potential of a double-frequency corrugated surface. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2019**, 383, 2124-2129	2.3	3
186	Finite volume effects on the QCD chiral phase transition in the finite size dependent Nambu-Jona-Lasinio model. *Chinese Physics C*, **2019**, 43, 034101	2.2	5
185	Novel self-consistent mean field approximation and its application in strong interaction phase transitions. *Chinese Physics C*, **2019**, 43, 084102	2.2	12
184	New perspective on hybrid mesons. *European Physical Journal A*, **2019**, 55, 1	2.5	14
183	Compact ssscc□pentaquark states predicted by a quark model. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2019**, 798, 135028	4.2	8
182	Chiral phase transition from the Dyson-Schwinger equations in a finite spherical volume. *Chinese Physics C*, **2019**, 43, 063101	2.2	5
181	Transition form factors: □+p-□(1232), □(1600). *Physical Review D*, **2019**, 100,	4.9	10
180	Structures of the strange quark stars within a quasiparticle model. *Physical Review D*, **2019**, 99,	4.9	9
179	Elastic electromagnetic form factors of vector mesons. *Physical Review D*, **2019**, 100,	4.9	17
178	Finite volume effects on the quarkonium dissociation temperature in an impenetrable QGP sphere. *Physical Review D*, **2019**, 100,	4.9	1
177	Nonstrange quark stars from an NJL model with proper-time regularization. *Physical Review D*, **2019**, 100,	4.9	14
176	QCD phase diagram in chiral imbalance with self-consistent mean field approximation. *Physical Review D*, **2019**, 100,	4.9	10
175	Finite volume effects on the chiral phase transition from Dyson□chwinger equations of QCD. *Nuclear Physics B*, **2019**, 938, 298-306	2.8	15

174	Dynamical Study of S-Wave (bar{Q}Qbar{q}q) System. *Few-Body Systems*, **2019**, 60, 1	1.6	3
173	Chiral crossover transition in a finite volume. *Chinese Physics C*, **2018**, 42, 023101	2.2	10
172	The pressure and entropy of a unitary Fermi gas with particle-hole fluctuation. *Modern Physics Letters B*, **2018**, 32, 1750364	1.6	
171	Geometric effects resulting from square and circular confinements for a particle constrained to a space curve. *Physical Review A*, **2018**, 97,	2.6	13
170	Robustness of the semimetal state of Na3Bi and Cd3As2 against Coulomb interactions. *Physical Review B*, **2018**, 97,	3.3	3
169	Electromagnetic wave propagating along a space curve. *Physical Review A*, **2018**, 97,	2.6	6
168	Chiral phase diagram of strongly interacting matter at finite volume. *Science China: Physics, Mechanics and Astronomy*, **2018**, 61, 1	3.6	14
167	Calculation of dissociation temperature of quarkonium using Gaussian Expansion Method. *Chinese Physics C*, **2018**, 42, 083103	2.2	2
166	Wigner solution of the quark gap equation. *European Physical Journal C*, **2018**, 78, 1	4.2	8
165	Nambu□ona-Lasinio model with proper time regularization in a finite volume. *Modern Physics Letters A*, **2018**, 33, 1850232	1.3	15
164	Revisiting heavy quark radiative energy loss in nuclei within the high-twist approach. *Physical Review D*, **2018**, 98,	4.9	1
163	Calculation of dissociation temperature of nucleon using Gaussian expansion method. *Physical Review D*, **2018**, 98,	4.9	3
162	Pseudo-magnetic-field and effective spin-orbit interaction for a spin-1/2 particle confined to a curved surface. *Physical Review A*, **2018**, 98,	2.6	9
161	Constraints on the hybrid equation of state with a crossover hadron-quark phase transition in the light of GW170817. *Physical Review D*, **2018**, 98,	4.9	23
160	Discussion of thermodynamic features within the PNJL model. *Chinese Physics C*, **2018**, 42, 123105	2.2	3
159	Density-Dependence of Nuclear Symmetry Energy: Role of QCD Chiral Phase Transition. *Journal of Experimental and Theoretical Physics*, **2018**, 127, 299-304	1	
158	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	2.9	8
157	Deconfinement phase transition of thermal QED3. *Physical Review D*, **2018**, 98,	4.9	1

156	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	4.2	3
155	Pion and kaon valence quark distribution functions from Dyson-Schwinger equations. *Physical Review D*, **2018**, 98,	4.9	15
154	2 + 1 Flavors QCD Equation of State in NJL Model with Proper Time Regularization. *Journal of Experimental and Theoretical Physics*, **2018**, 127, 64-72	1	2
153	Pion and kaon valence-quark parton quasidistributions. *Physical Review D*, **2018**, 97,	4.9	41
152	Studies of the structure of massive hybrid stars within a modified NJL model. *Physical Review D*, **2018**, 97,	4.9	17
151	Spin-polarized transport in helical membranes due to spin-orbit coupling. *Journal of Physics Condensed Matter*, **2017**, 29, 135801	1.8	3
150	Gamma-ray bursts generated from phase transition of neutron stars to quark stars. *Modern Physics Letters A*, **2017**, 32, 1750027	1.3	1
149	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	1.3	3
148	Proper time regularization and the QCD chiral phase transition. *Scientific Reports*, **2017**, 7, 45937	4.9	16
147	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	1.2	24
146	Mapping the QCD phase diagram with susceptibilities of conserved charges within Nambu–Jona-Lasinio model. *International Journal of Modern Physics A*, **2017**, 32, 1750061	1.2	18
145	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	2.2	
144	NJL model with the modified quark-dependent coupling strength G. *Modern Physics Letters A*, **2017**, 32, 1750107	1.3	5
143	Studies of the hybrid star structure within 2+1 flavors NJL model. *Physical Review D*, **2017**, 95,	4.9	12
142	QCD equation of state for heavy ion collisions. *Chinese Physics C*, **2017**, 41, 103101	2.2	
141	Dynamical gap generation in a two-dimensional Dirac semimetal with a deformed Dirac cone. *Physical Review B*, **2017**, 96,	3.3	6
140	Possible (D^{(*)}bar{D}^{(*)}) and (B^{(*)}bar{B}^{(*)}) molecular states in the extended constituent quark models. *European Physical Journal C*, **2017**, 77, 1	4.2	3
139	Geometric influences of a particle confined to a curved surface embedded in three-dimensional Euclidean space. *Physical Review A*, **2017**, 96,	2.6	19

138	Parity partners in the baryon resonance spectrum. *Physical Review C*, **2017**, 96,	2.7	26
137	Dynamical mass generation in QED 3 beyond the instantaneous approximation. *Chinese Physics C*, **2017**, 41, 073102	2.2	
136	Conversion of neutron stars to 2 + 1 flavor Nambu□Jona-Lasinio quark stars as a mechanism for gamma-ray bursts. *Modern Physics Letters A*, **2017**, 32, 1750209	1.3	
135	Baryon number fluctuations in quasi-particle model. *European Physical Journal C*, **2017**, 77, 1	4.2	2
134	Discussion on Lorentz invariance violation of noncommutative field theory and neutrino oscillation. *International Journal of Modern Physics A*, **2017**, 32, 1750040	1.2	1
133	Pion properties at finite isospin chemical potential with isospin symmetry breaking. *Chinese Physics C*, **2017**, 41, 124106	2.2	3
132	Effects of Fierz transformation on gap equation and CEP at finite chemical potential and finite temperature in Hartree□Fock approximation. *Modern Physics Letters A*, **2017**, 32, 1750222	1.3	1
131	Chiral and deconfinement phase transitions in QED3 with finite gauge boson mass. *Journal of Experimental and Theoretical Physics*, **2017**, 125, 752-761	1	
130	Influence of boson mass on chiral phase transition in QED3. *Physical Review D*, **2016**, 94,	4.9	2
129	Chiral phase transition in QED3 at finite temperature and impurity potential. *Physical Review D*, **2016**, 93,	4.9	2
128	Continuum study of the QCD phase diagram through an OPE-modified gluon propagator. *Physical Review D*, **2016**, 93,	4.9	22
127	Valence-quark distribution functions in the kaon and pion. *Physical Review D*, **2016**, 93,	4.9	55
126	QCD phase diagram with a chiral chemical potential. *Physical Review D*, **2016**, 93,	4.9	14
125	Leptophilic dark matter in Galactic Center excess. *Physical Review D*, **2016**, 93,	4.9	1
124	Limits on dark matter from AMS-02 antiproton and positron fraction data. *Physical Review D*, **2016**, 93,	4.9	11
123	Distribution amplitudes of radially-excited □and K mesons. *Physical Review D*, **2016**, 93,	4.9	22
122	Morphology of □ray emission induced by e□ from annihilating self-interacting dark matter. *Physical Review D*, **2016**, 93,	4.9	1
121	Critical end point in the presence of a chiral chemical potential. *Physical Review D*, **2016**, 94,	4.9	24

120	Studies of Wigner-Weyl solution and external magnetic field in an NJL model. *Physical Review D*, **2016**, 94,	4.9	6
119	Leading-twist distribution amplitudes of scalar and vector mesons. *Physical Review D*, **2016**, 94,	4.9	15
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	3	9
117	Quantum particle confined to a thin-layer volume: Non-uniform convergence toward the curved surface. *Annals of Physics*, **2016**, 364, 68-78	2.5	21
116	Schrödinger Equation of a Particle on a Rotating Curved Surface. *Chinese Physics Letters*, **2016**, 33, 030301	1.8	2
115	Transmission gaps from corrugations. *Journal Physics D: Applied Physics*, **2016**, 49, 295103	3	7
114	Chiral phase transition in QED3 at finite temperature. *International Journal of Modern Physics A*, **2016**, 31, 1650198	1.2	
113	Proper time regularization at finite quark chemical potential. *Modern Physics Letters A*, **2016**, 31, 1650086	1.3	8
112	Coherent electron transport in a helical nanotube. *Physica E: Low-Dimensional Systems and Nanostructures*, **2016**, 83, 246-255	3	8
111	Noncommutative field with constant background fields and neutral fermions. *Physical Review D*, **2015**, 91,	4.9	3
110	Effect of the chiral chemical potential on the position of the critical endpoint. *Physical Review D*, **2015**, 91,	4.9	37
109	Study of rotational quark stars and hybrid stars based on the latest equation of state and observation data. *Physical Review D*, **2015**, 91,	4.9	15
108	Progress in vacuum susceptibilities and their applications to the chiral phase transition of QCD. *Annals of Physics*, **2015**, 358, 172-205	2.5	39
107	Dyson–Schwinger Equations of Chiral Chemical Potential. *Chinese Physics Letters*, **2015**, 32, 081101	1.8	2
106	Studies of two-solar-mass hybrid stars within the framework of Dyson-Schwinger equations. *Physical Review D*, **2015**, 92,	4.9	23
105	Constraints on dark matter from AMS-02 electron data. *Physical Review D*, **2015**, 92,	4.9	3
104	Completing the Picture of the Roper Resonance. *Physical Review Letters*, **2015**, 115, 171801	7.4	82
103	Kaon and pion parton distribution amplitudes to twist three. *Physical Review D*, **2015**, 92,	4.9	45

102	Contact-interaction Faddeev equation and, inter alia, proton tensor charges. *Physical Review D*, **2015**, 92,	4.9	22
101	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	1.8	1
100	Discussion of Various Susceptibilities within Thermal and Dense Quantum Chromodynamics. *Chinese Physics Letters*, **2015**, 32, 121203	1.8	4
99	Critical behaviors near the (tri-)critical end point of QCD within the NJL model. *European Physical Journal C*, **2015**, 75, 1	4.2	26
98	2+1 flavors QCD equation of state at zero temperature within Dyson□Schwinger equations. *International Journal of Modern Physics A*, **2015**, 30, 1550217	1.2	11
97	Dynamical chiral symmetry breaking in the NJL model with a constant external magnetic field. *Physical Review D*, **2015**, 91,	4.9	18
96	Chiral phase transition with a chiral chemical potential in the framework of Dyson-Schwinger equations. *Physical Review D*, **2015**, 91,	4.9	57
95	Susceptibilities and critical exponents within the Nambu□ona-Lasinio model. *International Journal of Modern Physics A*, **2015**, 30, 1550199	1.2	8
94	The Wigner solution and QCD phase transitions in a modified PNJL model. *European Physical Journal C*, **2014**, 74, 1	4.2	29
93	Quadratic Yukawa coupling and matrix Yukawa coupling in the large N expansion. *Science Bulletin*, **2014**, 59, 484-491		
92	MOMENTUM RESOLVED RADIO FREQUENCY SPECTROSCOPY OF A UNITARY FERMI GAS WITH EXTENDED GMB APPROXIMATION. *Modern Physics Letters B*, **2014**, 28, 1450028	1.6	1
91	Locate QCD critical end point in a continuum model study. *Journal of High Energy Physics*, **2014**, 2014, 1	5.4	49
90	A Model Study of the Chiral Phase Diagram of QCD. *Few-Body Systems*, **2014**, 55, 47-56	1.6	9
89	The chiral phase transition of QED3 around the critical number of fermion flavors. *Annals of Physics*, **2014**, 348, 306-314	2.5	8
88	Continuum study of various susceptibilities within thermal QED3. *Physical Review D*, **2014**, 90,	4.9	13
87	Distribution amplitudes of light-quark mesons from lattice QCD. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2014**, 731, 13-18	4.2	34
86	The two-flavor NJL model with two-cutoff proper time regularization. *International Journal of Modern Physics Conference Series*, **2014**, 29, 1460232	0.7	14
85	Nonlinear susceptibilities under the framework of Dyson-Schwinger equations. *Physical Review D*, **2014**, 90,	4.9	20

84	Different critical points of chiral and deconfinement phase transitions in (2 + 1)-dimensional fermion–gauge interacting model. *European Physical Journal C*, **2014**, 74, 1	4.2	3
83	Influence of thermalization on the initial condition for heavy ion collisions. *Science China: Physics, Mechanics and Astronomy*, **2014**, 57, 2060-2069	3.6	2
82	Flavour symmetry breaking in the kaon parton distribution amplitude. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2014**, 738, 512-518	4.2	33
81	Pauli equation for a charged spin particle on a curved surface in an electric and magnetic field. *Physical Review A*, **2014**, 90,	2.6	29
80	Nature of chiral phase transition in QED3 at zero density. *Physical Review D*, **2014**, 90,	4.9	10
79	Influence of gauge boson mass on the staggered spin susceptibility. *Physical Review D*, **2014**, 90,	4.9	9
78	Chiral phase transition of QCD at finite chemical potential. *Journal of High Energy Physics*, **2013**, 2013, 1	5.4	27
77	Critical behavior of QED3 at finite temperature and density. *European Physical Journal C*, **2013**, 73, 1	4.2	6
76	Dual fermion condensate and phase transition in QED3. *Science China: Physics, Mechanics and Astronomy*, **2013**, 56, 1116-1119	3.6	4
75	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	1.3	2
74	Staggered spin susceptibility and chiral phase transition in thermal QED3. *Physical Review D*, **2013**, 88,	4.9	5
73	A thermodynamically consistent quasi-particle model without density-dependent infinity of the vacuum zero-point energy. *European Physical Journal C*, **2013**, 73, 1	4.2	15
72	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	4.2	33
71	The relation between Pauli and □ representation in QED3 and induced Chern-Simons term. *Science Bulletin*, **2013**, 58, 3735-3737		
70	Calculation of the staggered spin correlation in the framework of the Dyson-Schwinger approach. *Physical Review D*, **2013**, 87,	4.9	5
69	Contribution of ultracompact dark matter minihalos to the isotropic radio background. *Physical Review D*, **2013**, 87,	4.9	17
68	Neutrino signals from ultracompact minihalos and constraints on the primordial curvature perturbation. *Physical Review D*, **2013**, 87,	4.9	25
67	Effect of the induced interaction on the superfluid-transition temperature of ultracold Fermi gases within the T-matrix approximation. *Physical Review A*, **2013**, 87,	2.6	12

66	Discussions on the crossover property within the Nambu□Jona-Lasinio model. *Physical Review D*, **2013**, 88,	4.9	21
65	CHIRAL ANOMALY OF MASSLESS FERMION AT FINITE TEMPERATURE AND CHEMICAL POTENTIAL. *Modern Physics Letters A*, **2013**, 28, 1350006	1.3	
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	4.2	20
63	A model study of the equation of state, quark-number susceptibility and scalar susceptibility of QCD at finite chemical potential and zero temperature. *Science China: Physics, Mechanics and Astronomy*, **2012**, 55, 2425-2433	3.6	3
62	The Glauber model correction towards equilibrium. *Science China: Physics, Mechanics and Astronomy* , **2012**, 55, 2049-2056	3.6	3
61	Possible interpretation of theZb(10610) andZb(10650) in a chiral quark model. *Journal of Physics G: Nuclear and Particle Physics*, **2012**, 39, 105001	2.9	37
60	Chiral phase diagram in QED3. *Physical Review D*, **2012**, 86,	4.9	4
59	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,	4.9	16
58	Characteristic of chiral phase transition in QED3 at zero density. *Physical Review D*, **2012**, 86,	4.9	12
57	Chiral phase transition and critical end point in QED3. *Physical Review D*, **2012**, 86,	4.9	10
56	Connecting neutron star observations to the high density equation of state of a quasiparticle model. *Physical Review D*, **2012**, 86,	4.9	25
55	Equation of state of a quasiparticle model at finite chemical potential and quark star. *Physical Review D*, **2012**, 85,	4.9	15
54	INFLUENCE OF A UNIFORM MAGNETIC FIELD ON DYNAMICAL CHIRAL SYMMETRY BREAKING IN QED3. *Modern Physics Letters A*, **2012**, 27, 1250026	1.3	3
53	Wigner Solution to the Quark Gap Equation in the Nonzero Current Quark Mass. *Chinese Physics Letters*, **2012**, 29, 041201	1.8	4
52	The abundance of new kind of dark-matter structures. *European Physical Journal Plus*, **2011**, 126, 1	3.1	15
51	A model study of quark number susceptibility at finite temperature beyond rainbow-ladder approximation. *Journal of High Energy Physics*, **2011**, 2011, 1	5.4	14
50	Analytical computation of critical exponents in several holographic superconductors. *Journal of High Energy Physics*, **2011**, 2011, 1	5.4	50
49	New constraints on primordial minihalo abundance using cosmic microwave background observations. *Physical Review D*, **2011**, 84,	4.9	23

48	Model study of a quark star. *Physical Review D*, **2011**, 83,	4.9	11
47	Supercurrent in a p-wave holographic superconductor. *Physical Review D*, **2011**, 83,	4.9	18
46	CALCULATION OF BULK VISCOSITY OF QCD AT ZERO TEMPERATURE AND FINITE CHEMICAL POTENTIAL. *Modern Physics Letters A*, **2011**, 26, 1797-1806	1.3	5
45	Study of Dynamical Chiral Symmetry Breaking in (2 + 1) Dimensional Abelian Higgs Model. *Symmetry*, **2010**, 2, 907-915	2.7	
44	The quark number susceptibility in the hard-thermal-loop approximation. *Journal of Physics G: Nuclear and Particle Physics*, **2010**, 37, 055001	2.9	14
43	Vacuum pseudoscalar susceptibility. *Physical Review C*, **2010**, 81,	2.7	17
42	Characteristic length of a holographic superconductor with d-wave gap. *Physical Review D*, **2010**, 82,	4.9	6
41	d-wave holographic superconductor vortex lattice and non-Abelian holographic superconductor droplet. *Physical Review D*, **2010**, 82,	4.9	15
40	Superconducting coherence length and magnetic penetration depth of a p-wave holographic superconductor. *Physical Review D*, **2010**, 81,	4.9	12
39	Bag model and quark star. *Physical Review D*, **2010**, 82,	4.9	13
38	Calculation of Tensor Susceptibility Beyond Rainbow-Ladder Approximation. *Few-Body Systems*, **2010**, 48, 31-39	1.6	5
37	Investigation of phase transition in QED3. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2010**, 688, 178-184	4.2	11
36	Chiral susceptibility and the scalar Ward identity. *Physical Review C*, **2009**, 79,	2.7	46
35	Properties of cold dense nuclear matter based on a nonperturbative approach inspired by chiral perturbation theory. *Physical Review C*, **2009**, 80,	2.7	11
34	A MODEL STUDY OF QUARK NUMBER SUSCEPTIBILITY AT FINITE CHEMICAL POTENTIAL AND ZERO TEMPERATURE. *International Journal of Modern Physics A*, **2009**, 24, 2241-2251	1.2	2
33	INFLUENCE OF GAUGE BOSON MASS ON FERMION CHIRAL CONDENSATE IN QED3. *International Journal of Modern Physics A*, **2009**, 24, 3969-3974	1.2	2
32	The equation of state of QCD under hard-dense-loop approximation **2009**, 52, 1513-1517		1
31	Crossover from a continuum study of chiral susceptibility. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2009**, 675, 32-37	4.2	22

30	Quark number susceptibility around the critical end point. *Physical Review D*, **2009**, 79,	4.9	28
29	Calculation of the equation of state of QCD at finite chemical and zero temperature. *Physical Review D*, **2008**, 78,	4.9	50
28	Calculation of f□and m□at finite chemical potential. *Physical Review D*, **2008**, 78,	4.9	4
27	GENERAL FORMULA FOR THE FOUR-QUARK CONDENSATE AND VACUUM FACTORIZATION ASSUMPTION. *International Journal of Modern Physics A*, **2008**, 23, 1507-1520	1.2	7
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