

Hong-Shi Zong

List of Publications by Citations

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227
papers

2,801
citations

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37
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233
ext. papers

3,232
ext. citations

3.4
avg, IF

5.56
L-index

#	Paper	IF	Citations
227	Completing the Picture of the Roper Resonance. <i>Physical Review Letters</i> , 2015 , 115, 171801	7.4	82
226	New approach for calculating the dressed quark propagator at finite chemical potential. <i>Physical Review C</i> , 2005 , 71,	2.7	68
225	Chiral phase transition with a chiral chemical potential in the framework of Dyson-Schwinger equations. <i>Physical Review D</i> , 2015 , 91,	4.9	57
224	Valence-quark distribution functions in the kaon and pion. <i>Physical Review D</i> , 2016 , 93,	4.9	55
223	Analytical computation of critical exponents in several holographic superconductors. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	50
222	Calculation of the equation of state of QCD at finite chemical and zero temperature. <i>Physical Review D</i> , 2008 , 78,	4.9	50
221	Locate QCD critical end point in a continuum model study. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5.4	49
220	Chiral susceptibility and the scalar Ward identity. <i>Physical Review C</i> , 2009 , 79,	2.7	46
219	Kaon and pion parton distribution amplitudes to twist three. <i>Physical Review D</i> , 2015 , 92,	4.9	45
218	Pion and kaon valence-quark parton quasidistributions. <i>Physical Review D</i> , 2018 , 97,	4.9	41
217	Influence of finite chemical potential on the critical number of fermion flavors in QED3_. <i>Physical Review D</i> , 2006 , 73,	4.9	40
216	Progress in vacuum susceptibilities and their applications to the chiral phase transition of QCD. <i>Annals of Physics</i> , 2015 , 358, 172-205	2.5	39
215	Effect of the chiral chemical potential on the position of the critical endpoint. <i>Physical Review D</i> , 2015 , 91,	4.9	37
214	Possible interpretation of the Zb(10610) and Zb(10650) in a chiral quark model. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2012 , 39, 105001	2.9	37
213	New method for numerically solving the chemical potential dependence of the dressed quark propagator. <i>Physical Review C</i> , 2005 , 72,	2.7	37
212	Modified approach for calculating vacuum susceptibility. <i>Physical Review C</i> , 2005 , 72,	2.7	36
211	Calculation of vacuum properties from the global color symmetry model. <i>Physical Review D</i> , 2003 , 67,	4.9	35

210	Distribution amplitudes of light-quark mesons from lattice QCD. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 731, 13-18	4.2	34
209	The Wigner solution of quark gap equation and chiral phase transition of QCD at finite temperature and nonzero chemical potential. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	33
208	Flavour symmetry breaking in the kaon parton distribution amplitude. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 738, 512-518	4.2	33
207	Influence of finite chemical potential on the fermion chiral condensate in QED3. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 661, 57-65	4.2	33
206	A MODEL STUDY OF THE EQUATION OF STATE OF QCD. <i>International Journal of Modern Physics A</i> , 2008 , 23, 3591-3612	1.2	31
205	The Wigner solution and QCD phase transitions in a modified PNJL model. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	29
204	Pauli equation for a charged spin particle on a curved surface in an electric and magnetic field. <i>Physical Review A</i> , 2014 , 90,	2.6	29
203	Quark number susceptibility around the critical end point. <i>Physical Review D</i> , 2009 , 79,	4.9	28
202	A model study of QCD phase transition. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2007 , 34, 2655-2663	2.6	28
201	Calculation of some properties of baryons and mesons in the global color symmetry model. <i>Physical Review C</i> , 1998 , 58, 1195-1204	2.7	28
200	Chiral phase transition of QCD at finite chemical potential. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	27
199	Parity partners in the baryon resonance spectrum. <i>Physical Review C</i> , 2017 , 96,	2.7	26
198	Critical behaviors near the (tri-)critical end point of QCD within the NJL model. <i>European Physical Journal C</i> , 2015 , 75, 1	4.2	26
197	Neutrino signals from ultracompact minihalos and constraints on the primordial curvature perturbation. <i>Physical Review D</i> , 2013 , 87,	4.9	25
196	Connecting neutron star observations to the high density equation of state of a quasiparticle model. <i>Physical Review D</i> , 2012 , 86,	4.9	25
195	Finite-volume effects on phase transition in the Polyakov-loop extended Nambu-Jona-Lasinio model with a chiral chemical potential. <i>International Journal of Modern Physics A</i> , 2017 , 32, 1750067	1.2	24
194	Critical end point in the presence of a chiral chemical potential. <i>Physical Review D</i> , 2016 , 94,	4.9	24
193	Studies of two-solar-mass hybrid stars within the framework of Dyson-Schwinger equations. <i>Physical Review D</i> , 2015 , 92,	4.9	23

192	New constraints on primordial minihalo abundance using cosmic microwave background observations. <i>Physical Review D</i> , 2011 , 84,	4.9	23
191	Continuum study of quark-number susceptibility in an effective interaction model. <i>Physical Review D</i> , 2007 , 76,	4.9	23
190	THE INFLUENCE OF THE GAUGE BOSON MASS ON THE CRITICAL NUMBER OF THE FERMION FLAVORS IN QED3. <i>International Journal of Modern Physics A</i> , 2005 , 20, 2753-2762	1.2	23
189	Constraints on the hybrid equation of state with a crossover hadron-quark phase transition in the light of GW170817. <i>Physical Review D</i> , 2018 , 98,	4.9	23
188	Continuum study of the QCD phase diagram through an OPE-modified gluon propagator. <i>Physical Review D</i> , 2016 , 93,	4.9	22
187	Distribution amplitudes of radially-excited Λ and K mesons. <i>Physical Review D</i> , 2016 , 93,	4.9	22
186	Contact-interaction Faddeev equation and, inter alia, proton tensor charges. <i>Physical Review D</i> , 2015 , 92,	4.9	22
185	Crossover from a continuum study of chiral susceptibility. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 675, 32-37	4.2	22
184	Vacuum condensates in the global color symmetry model. <i>Physical Review C</i> , 1999 , 60,	2.7	22
183	Quantum particle confined to a thin-layer volume: Non-uniform convergence toward the curved surface. <i>Annals of Physics</i> , 2016 , 364, 68-78	2.5	21
182	Discussions on the crossover property within the Nambu-Jona-Lasinio model. <i>Physical Review D</i> , 2013 , 88,	4.9	21
181	Modified approach for calculating tensor vacuum susceptibility. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 639, 248-257	4.2	21
180	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	4.2	21
179	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	4.2	20
178	Nonlinear susceptibilities under the framework of Dyson-Schwinger equations. <i>Physical Review D</i> , 2014 , 90,	4.9	20
177	Geometric influences of a particle confined to a curved surface embedded in three-dimensional Euclidean space. <i>Physical Review A</i> , 2017 , 96,	2.6	19
176	Modified approach for calculating axial vector vacuum susceptibility. <i>Physical Review C</i> , 2006 , 73,	2.7	19
175	Mapping the QCD phase diagram with susceptibilities of conserved charges within Nambu-Jona-Lasinio model. <i>International Journal of Modern Physics A</i> , 2017 , 32, 1750061	1.2	18

174	Dynamical chiral symmetry breaking in the NJL model with a constant external magnetic field. <i>Physical Review D</i> , 2015 , 91,	4.9	18
173	Supercurrent in a p-wave holographic superconductor. <i>Physical Review D</i> , 2011 , 83,	4.9	18
172	Pure leptonic decays of the Bc meson and their radiative corrections. <i>Physical Review D</i> , 1999 , 60,	4.9	18
171	Contribution of ultracompact dark matter minihalos to the isotropic radio background. <i>Physical Review D</i> , 2013 , 87,	4.9	17
170	Vacuum pseudoscalar susceptibility. <i>Physical Review C</i> , 2010 , 81,	2.7	17
169	Elastic electromagnetic form factors of vector mesons. <i>Physical Review D</i> , 2019 , 100,	4.9	17
168	Studies of the structure of massive hybrid stars within a modified NJL model. <i>Physical Review D</i> , 2018 , 97,	4.9	17
167	Proper time regularization and the QCD chiral phase transition. <i>Scientific Reports</i> , 2017 , 7, 45937	4.9	16
166	Do current astronomical observations exclude the existence of nonstrange quark stars?. <i>Physical Review D</i> , 2019 , 100,	4.9	16
165	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,	4.9	16
164	Revisiting the vector and axial-vector vacuum susceptibilities. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 669, 327-330	4.2	16
163	PHASE STRUCTURE OF QED3 AT FINITE CHEMICAL POTENTIAL AND TEMPERATURE. <i>Modern Physics Letters A</i> , 2007 , 22, 449-456	1.3	16
162	Study of rotational quark stars and hybrid stars based on the latest equation of state and observation data. <i>Physical Review D</i> , 2015 , 91,	4.9	15
161	Leading-twist distribution amplitudes of scalar and vector mesons. <i>Physical Review D</i> , 2016 , 94,	4.9	15
160	A thermodynamically consistent quasi-particle model without density-dependent infinity of the vacuum zero-point energy. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	15
159	The abundance of new kind of dark-matter structures. <i>European Physical Journal Plus</i> , 2011 , 126, 1	3.1	15
158	d-wave holographic superconductor vortex lattice and non-Abelian holographic superconductor droplet. <i>Physical Review D</i> , 2010 , 82,	4.9	15
157	Equation of state of a quasiparticle model at finite chemical potential and quark star. <i>Physical Review D</i> , 2012 , 85,	4.9	15

156	Finite volume effects on the chiral phase transition from Dyson-Schwinger equations of QCD. <i>Nuclear Physics B</i> , 2019 , 938, 298-306	2.8	15
155	Nambu-Jona-Lasinio model with proper time regularization in a finite volume. <i>Modern Physics Letters A</i> , 2018 , 33, 1850232	1.3	15
154	Pion and kaon valence quark distribution functions from Dyson-Schwinger equations. <i>Physical Review D</i> , 2018 , 98,	4.9	15
153	QCD phase diagram with a chiral chemical potential. <i>Physical Review D</i> , 2016 , 93,	4.9	14
152	Chiral phase diagram of strongly interacting matter at finite volume. <i>Science China: Physics, Mechanics and Astronomy</i> , 2018 , 61, 1	3.6	14
151	New perspective on hybrid mesons. <i>European Physical Journal A</i> , 2019 , 55, 1	2.5	14
150	The two-flavor NJL model with two-cutoff proper time regularization. <i>International Journal of Modern Physics Conference Series</i> , 2014 , 29, 1460232	0.7	14
149	A model study of quark number susceptibility at finite temperature beyond rainbow-ladder approximation. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	14
148	The quark number susceptibility in the hard-thermal-loop approximation. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2010 , 37, 055001	2.9	14
147	A note on transverse axial vector and vector anomalies in U(1) gauge theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 569, 211-218	4.2	14
146	Nonstrange quark stars from an NJL model with proper-time regularization. <i>Physical Review D</i> , 2019 , 100,	4.9	14
145	Geometric effects resulting from square and circular confinements for a particle constrained to a space curve. <i>Physical Review A</i> , 2018 , 97,	2.6	13
144	Continuum study of various susceptibilities within thermal QED3. <i>Physical Review D</i> , 2014 , 90,	4.9	13
143	Bag model and quark star. <i>Physical Review D</i> , 2010 , 82,	4.9	13
142	Violation of local realism by a system with N spin-1/2 particles. <i>Physical Review A</i> , 2003 , 68,	2.6	13
141	Semileptonic decays of D(s) mesons. <i>Physical Review D</i> , 2020 , 102,	4.9	13
140	Studies of the hybrid star structure within 2+1 flavors NJL model. <i>Physical Review D</i> , 2017 , 95,	4.9	12
139	Novel self-consistent mean field approximation and its application in strong interaction phase transitions. <i>Chinese Physics C</i> , 2019 , 43, 084102	2.2	12

138	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,	2.6	12
137	Superconducting coherence length and magnetic penetration depth of a p-wave holographic superconductor. <i>Physical Review D</i> , 2010 , 81,	4.9	12
136	Characteristic of chiral phase transition in QED3 at zero density. <i>Physical Review D</i> , 2012 , 86,	4.9	12
135	Limits on dark matter from AMS-02 antiproton and positron fraction data. <i>Physical Review D</i> , 2016 , 93,	4.9	11
134	2+1 flavors QCD equation of state at zero temperature within Dyson-Schwinger equations. <i>International Journal of Modern Physics A</i> , 2015 , 30, 1550217	1.2	11
133	Model study of a quark star. <i>Physical Review D</i> , 2011 , 83,	4.9	11
132	Properties of cold dense nuclear matter based on a nonperturbative approach inspired by chiral perturbation theory. <i>Physical Review C</i> , 2009 , 80,	2.7	11
131	Investigation of phase transition in QED3. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 688, 178-184	4.2	11
130	Nonperturbative aspects of axial vector vertex in the global color symmetry model. <i>Physical Review C</i> , 2002 , 66,	2.7	11
129	Strange quark stars within proper time regularized (2+1)-flavor NJL model. <i>Physical Review D</i> , 2020 , 101,	4.9	10
128	Chiral crossover transition in a finite volume. <i>Chinese Physics C</i> , 2018 , 42, 023101	2.2	10
127	Nature of chiral phase transition in QED3 at zero density. <i>Physical Review D</i> , 2014 , 90,	4.9	10
126	Chiral phase transition and critical end point in QED3. <i>Physical Review D</i> , 2012 , 86,	4.9	10
125	Transition form factors: $\langle \pi^+ p \bar{u} \gamma_5 u 1232 \rangle$, $\langle \pi^+ p \bar{u} \gamma_5 u 1600 \rangle$. <i>Physical Review D</i> , 2019 , 100,	4.9	10
124	QCD phase diagram in chiral imbalance with self-consistent mean field approximation. <i>Physical Review D</i> , 2019 , 100,	4.9	10
123	Probing the QCD phase structure with higher order baryon number susceptibilities within the NJL model. <i>Chinese Physics C</i> , 2019 , 43, 033103	2.2	9
122	Chiral transition and the chiral charge density of the hot and dense QCD matter.. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	9
121	Curvature-induced bound states and coherent electron transport on the surface of a truncated cone. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016 , 76, 28-34	3	9

120	A Model Study of the Chiral Phase Diagram of QCD. <i>Few-Body Systems</i> , 2014 , 55, 47-56	1.6	9
119	Influence of gauge boson mass on the staggered spin susceptibility. <i>Physical Review D</i> , 2014 , 90,	4.9	9
118	Structures of the strange quark stars within a quasiparticle model. <i>Physical Review D</i> , 2019 , 99,	4.9	9
117	Pseudo-magnetic-field and effective spin-orbit interaction for a spin-1/2 particle confined to a curved surface. <i>Physical Review A</i> , 2018 , 98,	2.6	9
116	Susceptibilities and the critical band of crossover region in the QCD phase diagram. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	8
115	Compact ssscc \bar{c} pentaquark states predicted by a quark model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 798, 135028	4.2	8
114	The chiral phase transition of QED3 around the critical number of fermion flavors. <i>Annals of Physics</i> , 2014 , 348, 306-314	2.5	8
113	Susceptibilities and critical exponents within the Nambu-Jona-Lasinio model. <i>International Journal of Modern Physics A</i> , 2015 , 30, 1550199	1.2	8
112	Quark-meson vertices and pion properties at finite chemical potential. <i>Physical Review C</i> , 2008 , 78,	2.7	8
111	Proper time regularization at finite quark chemical potential. <i>Modern Physics Letters A</i> , 2016 , 31, 1650086,3	6.3	8
110	Coherent electron transport in a helical nanotube. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016 , 83, 246-255	3	8
109	Wigner solution of the quark gap equation. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	8
108	A new algorithm towards a quasi-Wigner solution of the gap equation beyond the chiral limit. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2018 , 45, 105001	2.9	8
107	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	2.8	7
106	GENERAL FORMULA FOR THE FOUR-QUARK CONDENSATE AND VACUUM FACTORIZATION ASSUMPTION. <i>International Journal of Modern Physics A</i> , 2008 , 23, 1507-1520	1.2	7
105	Close-in Exoplanets as Candidates for Strange Quark Matter Objects. <i>Astrophysical Journal</i> , 2020 , 890, 41	4.7	7
104	Transmission gaps from corrugations. <i>Journal Physics D: Applied Physics</i> , 2016 , 49, 295103	3	7
103	Dynamical gap generation in a two-dimensional Dirac semimetal with a deformed Dirac cone. <i>Physical Review B</i> , 2017 , 96,	3.3	6

102	Chiral phase transition in a rotating sphere. <i>Physical Review D</i> , 2020 , 101,	4.9	6
101	Electromagnetic wave propagating along a space curve. <i>Physical Review A</i> , 2018 , 97,	2.6	6
100	Studies of Wigner-Weyl solution and external magnetic field in an NJL model. <i>Physical Review D</i> , 2016 , 94,	4.9	6
99	Critical behavior of QED3 at finite temperature and density. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	6
98	Characteristic length of a holographic superconductor with d-wave gap. <i>Physical Review D</i> , 2010 , 82,	4.9	6
97	THE BEHAVIOR OF THE GAUGE-BOSON PROPAGATOR IN THE DIFFERENT PHASES OF QED3. <i>International Journal of Modern Physics A</i> , 2006 , 21, 6003-6014	1.2	6
96	The Generalized Fierz Transformation and Its Application. <i>Communications in Theoretical Physics</i> , 1994 , 22, 479-482	2.4	6
95	NJL model with the modified quark-dependent coupling strength G. <i>Modern Physics Letters A</i> , 2017 , 32, 1750107	1.3	5
94	Finite volume effects on the QCD chiral phase transition in the finite size dependent Nambu-Jona-Lasinio model. <i>Chinese Physics C</i> , 2019 , 43, 034101	2.2	5
93	Chiral phase transition from the Dyson-Schwinger equations in a finite spherical volume. <i>Chinese Physics C</i> , 2019 , 43, 063101	2.2	5
92	Staggered spin susceptibility and chiral phase transition in thermal QED3. <i>Physical Review D</i> , 2013 , 88,	4.9	5
91	Calculation of the staggered spin correlation in the framework of the Dyson-Schwinger approach. <i>Physical Review D</i> , 2013 , 87,	4.9	5
90	CALCULATION OF BULK VISCOSITY OF QCD AT ZERO TEMPERATURE AND FINITE CHEMICAL POTENTIAL. <i>Modern Physics Letters A</i> , 2011 , 26, 1797-1806	1.3	5
89	Calculation of Tensor Susceptibility Beyond Rainbow-Ladder Approximation. <i>Few-Body Systems</i> , 2010 , 48, 31-39	1.6	5
88	Nambu-Jona-Lasinio model in a sphere. <i>Physical Review D</i> , 2020 , 101,	4.9	5
87	Finite volume effects on QCD susceptibilities with a chiral chemical potential. <i>Physical Review D</i> , 2020 , 102,	4.9	5
86	Rotating fermions inside a spherical boundary. <i>Physical Review D</i> , 2020 , 102,	4.9	4
85	Dual fermion condensate and phase transition in QED3. <i>Science China: Physics, Mechanics and Astronomy</i> , 2013 , 56, 1116-1119	3.6	4

84	Discussion of Various Susceptibilities within Thermal and Dense Quantum Chromodynamics. <i>Chinese Physics Letters</i> , 2015 , 32, 121203	1.8	4
83	Chiral phase diagram in QED3. <i>Physical Review D</i> , 2012 , 86,	4.9	4
82	Wigner Solution to the Quark Gap Equation in the Nonzero Current Quark Mass. <i>Chinese Physics Letters</i> , 2012 , 29, 041201	1.8	4
81	Calculation of f_{π} and m_{π} at finite chemical potential. <i>Physical Review D</i> , 2008 , 78,	4.9	4
80	Contributions of the vector-channel at finite isospin chemical potential with the self-consistent mean field approximation. <i>Physical Review D</i> , 2020 , 101,	4.9	4
79	Spin-polarized transport in helical membranes due to spin-orbit coupling. <i>Journal of Physics Condensed Matter</i> , 2017 , 29, 135801	1.8	3
78	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. <i>Modern Physics Letters A</i> , 2017 , 32, 1750051	1.3	3
77	New algorithm to study the pseudo-Wigner solution of the quark gap equation in the framework of the (2+1)-flavor NJL model. <i>Physical Review D</i> , 2019 , 99,	4.9	3
76	The geometric potential of a double-frequency corrugated surface. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2019 , 383, 2124-2129	2.3	3
75	Noncommutative field with constant background fields and neutral fermions. <i>Physical Review D</i> , 2015 , 91,	4.9	3
74	Color superconductivity in a self-consistent NJL-type model. <i>Physical Review D</i> , 2020 , 102,	4.9	3
73	Possible $(D^{(*)}\bar{D}^{(*)})$ and $(B^{(*)}\bar{B}^{(*)})$ molecular states in the extended constituent quark models. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	3
72	Robustness of the semimetal state of Na3Bi and Cd3As2 against Coulomb interactions. <i>Physical Review B</i> , 2018 , 97,	3.3	3
71	Pion properties at finite isospin chemical potential with isospin symmetry breaking. <i>Chinese Physics C</i> , 2017 , 41, 124106	2.2	3
70	Constraints on dark matter from AMS-02 electron data. <i>Physical Review D</i> , 2015 , 92,	4.9	3
69	Different critical points of chiral and deconfinement phase transitions in (2 + 1)-dimensional fermion-gauge interacting model. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	3
68	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	3.6	3
67	The Glauber model correction towards equilibrium. <i>Science China: Physics, Mechanics and Astronomy</i> , 2012 , 55, 2049-2056	3.6	3

66	INFLUENCE OF A UNIFORM MAGNETIC FIELD ON DYNAMICAL CHIRAL SYMMETRY BREAKING IN QED3. <i>Modern Physics Letters A</i> , 2012 , 27, 1250026	1.3	3
65	THE CHIRAL QUARK CONDENSATE AND THE BAG CONSTANT WITH FINITE CHEMICAL POTENTIAL. <i>International Journal of Modern Physics A</i> , 2006 , 21, 3387-3399	1.2	3
64	Dynamical Study of S-Wave ($\bar{Q}Q$) System. <i>Few-Body Systems</i> , 2019 , 60, 1	1.6	3
63	Calculation of dissociation temperature of nucleon using Gaussian expansion method. <i>Physical Review D</i> , 2018 , 98,	4.9	3
62	Discussion of thermodynamic features within the PNJL model. <i>Chinese Physics C</i> , 2018 , 42, 123105	2.2	3
61	Transverse anomalies and Dyson-Schwinger equation in QED3 and QED2 theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 787, 39-44	4.2	3
60	Geometrical phase and Hall effect associated with the transverse spin of light. <i>Physical Review A</i> , 2019 , 100,	2.6	2
59	Three-Body Structure of ($^{\Lambda}$ Be) with ($\alpha\alpha\Lambda$) Cluster Model. <i>Few-Body Systems</i> , 2019 , 60, 1	1.6	2
58	Dyson-Schwinger Equations of Chiral Chemical Potential. <i>Chinese Physics Letters</i> , 2015 , 32, 081101	1.8	2
57	Geometric effects on the electronic structure and the bound states in annular corrugated wires. <i>Journal of Physics Condensed Matter</i> , 2020 , 32, 025504	1.8	2
56	Skyrmion stability at finite isospin chemical potential and temperature. <i>Chinese Physics C</i> , 2020 , 44, 014103	1.3	2
55	Influence of boson mass on chiral phase transition in QED3. <i>Physical Review D</i> , 2016 , 94,	4.9	2
54	Chiral phase transition in QED3 at finite temperature and impurity potential. <i>Physical Review D</i> , 2016 , 93,	4.9	2
53	Calculation of dissociation temperature of quarkonium using Gaussian Expansion Method. <i>Chinese Physics C</i> , 2018 , 42, 083103	2.2	2
52	THE STUDY OF QCD PHASE TRANSITION AT FINITE TEMPERATURE AND CHIRAL CHEMICAL POTENTIAL IN A DYSON-SCHWINGER EQUATION MODEL. <i>Modern Physics Letters A</i> , 2013 , 28, 1350105	1.3	2
51	Baryon number fluctuations in quasi-particle model. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	2
50	Influence of thermalization on the initial condition for heavy ion collisions. <i>Science China: Physics, Mechanics and Astronomy</i> , 2014 , 57, 2060-2069	3.6	2
49	A MODEL STUDY OF QUARK NUMBER SUSCEPTIBILITY AT FINITE CHEMICAL POTENTIAL AND ZERO TEMPERATURE. <i>International Journal of Modern Physics A</i> , 2009 , 24, 2241-2251	1.2	2

48	INFLUENCE OF GAUGE BOSON MASS ON FERMION CHIRAL CONDENSATE IN QED3. <i>International Journal of Modern Physics A</i> , 2009 , 24, 3969-3974	1.2	2
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