Constança Providência

List of Publications by Year
in descending order

311 papers	8,281 citations	66336 42 h-index	56717 83 g-index
315 all docs	315 docs citations	315 times ranked	2718 citing authors

#	Article	IF	Citations
1	A compilation of charged-particle induced thermonuclear reaction rates. Nuclear Physics A, 1999, 656, 3-183.	1.5	1,887
2	Relativistic mean-field hadronic models under nuclear matter constraints. Physical Review C, 2014, 90, .	2.9	331
3	Neutron star radii and crusts: Uncertainties and unified equations of state. Physical Review C, 2016, 94, .	2.9	235
4	Quark matter under strong magnetic fields in the Nambu–Jona-Lasinio model. Physical Review C, 2009, 79, .	2.9	217
5	GW170817: Constraining the nuclear matter equation of state from the neutron star tidal deformability. Physical Review C, 2018, 98, .	2.9	187
6	Density dependence of the nuclear symmetry energy: A microscopic perspective. Physical Review C, 2009, 80, .	2.9	181
7	Core-crust transition in neutron stars: Predictivity of density developments. Physical Review C, 2011, 83, .	2.9	143
8	Estimation of the effect of hyperonic three-body forces on the maximum mass of neutron stars. Europhysics Letters, 2011, 94, 11002.	2.0	141
9	Inverse magnetic catalysis in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mn>2</mml:mn><mml:mo>+</mml:mo><mml:mn>1</mml:mn><mml:mo) Tj ET Q q1 1 0.784314 Polyakov–Nambu–Jona-Lasinio models. Physical Review D, 2014, 89, .	4.0	134
10	Quark matter under strong magnetic fields in the su(3) Nambu–Jona-Lasinio model. Physical Review C, 2009, 80, .	2.9	127
11	Warm and cold pasta phase in relativistic mean field theory. Physical Review C, 2008, 78, .	2.9	118
12	Hyperons in neutron star matter within relativistic mean-field models. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 075202.	3.6	118
13	Hypernuclei and massive neutron stars. Physical Review C, 2017, 95, .	2.9	97
14	Deconfinement and chiral restoration within the SU(3) Polyakov–Nambu–Jona-Lasinio and entangled Polyakov–Nambu–Jona-Lasinio models in an external magnetic field. Physical Review D, 2014, 89, .	4.7	94
15	Equation of state and thickness of the inner crust of neutron stars. Physical Review C, 2014, 90, .	2.9	92
16	Nuclear "pasta" phase within density dependent hadronic models. Physical Review C, 2009, 79, .	2.9	80
17	Warm stellar matter with deconfinement: Application to compact stars. Physical Review C, 2003, 68, .	2.9	77
18	Nuclear symmetry energy and the role of the tensor force. Physical Review C, 2011, 84, .	2.9	74

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19	Neutron star properties and the symmetry energy. Physical Review C, 2011, 84, .	2.9	74
20	Quarkâ€"hadron phase transition in a neutron star under strong magnetic fields. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 115204.	3.6	71
21	Nuclear symmetry energy and core-crust transition in neutron stars: A critical study. Europhysics Letters, 2010, 91, 32001.	2.0	71
22	Warm â€œpastaâ€•phase in the Thomas-Fermi approximation. Physical Review C, 2010, 82, .	2.9	67
23	Quark stars within relativistic models. Journal of Physics G: Nuclear and Particle Physics, 2006, 32, 1081-1095.	3.6	66
24	Quark matter nucleation in neutron stars and astrophysical implications. European Physical Journal A, 2016, 52, 1.	2.5	66
25	Strong correlations of neutron star radii with the slopes of nuclear matter incompressibility and symmetry energy at saturation. Physical Review C, 2016, 94, .	2.9	66
26	Hybrid stars in the quark-meson coupling model with superconducting quark matter. Physical Review C, 2004, 69, .	2.9	65
27	QCD critical end point under strong magnetic fields. Physical Review D, 2012, 85, .	4.7	65
28	Î´meson effects on stellar matter. Physical Review C, 2004, 70, .	2.9	64
29	Neutron star inner crust and symmetry energy. Physical Review C, 2012, 85, .	2.9	64
30	Vlasov formalism for extended relativistic mean field models: The crust-core transition and the stellar matter equation of state. Physical Review C, 2016, 94, .	2.9	63
31	Quark matter nucleation in hot hadronic matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 448-452.	4.1	59
32	Stellar matter with a strong magnetic field within density-dependent relativistic models. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 125201.	3.6	56
33	Interplay between the symmetry energy and the strangeness content of neutron stars. Physical Review C, 2013, 87, .	2.9	56
34	Instabilities in asymmetric nuclear matter. Physical Review C, 2004, 70, .	2.9	55
35	Low-density instabilities in relativistic asymmetric matter of compact stars. Physical Review C, 2006, 73, .	2.9	54
36	Cluster formation in compact stars: Relativistic versus Skyrme nuclear models. Physical Review C, 2008, 78, .	2.9	52

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37	Kaon condensation in the quark-meson coupling model and compact stars. Physical Review C, 2005, 72, .	2.9	49
38	Spinodal instabilities and the distillation effect in relativistic hadronic models. Physical Review C, 2006, 74, .	2.9	49
39	Finite temperature quark matter under strong magnetic fields. Physical Review C, 2011, 83, .	2.9	47
40	Repulsive vector interaction in three-flavor magnetized quark and stellar matter. Physical Review C, 2014, 89, .	2.9	47
41	Hyperons in neutron stars and supernova cores. European Physical Journal A, 2016, 52, 1.	2.5	47
42	Light clusters, pasta phases, and phase transitions in core-collapse supernova matter. Physical Review C, 2015, 91, .	2.9	43
43	Relativistic hypernuclear compact stars with calibrated equations of state. Physical Review D, 2020, 101, .	4.7	43
44	Imprint of the symmetry energy on the inner crust and strangeness content of neutron stars. European Physical Journal A, 2014, 50, 1.	2.5	41
45	Two-solar-mass hybrid stars: A two model description using the Nambuâ€"Jona-Lasinio quark model. Physical Review D, 2016, 94, .	4.7	41
46	Warm stellar matter with neutrino trapping. Physical Review C, 2004, 69, .	2.9	40
47	Metastability of hadronic compact stars. Physical Review D, 2008, 77, .	4.7	40
48	Phase transition and critical end point driven by an external magnetic field in asymmetric quark matter. Physical Review D, 2014, 89, .	4.7	40
49	Light clusters in nuclear matter and the â€œpastaâ€•phase. Physical Review C, 2012, 85, .	2.9	36
50	Hyperons in hot dense matter: what do the constraints tell us for equation of state?. Publications of the Astronomical Society of Australia, 2018, 35, .	3.4	36
51	Hyperonic Stars and the Nuclear Symmetry Energy. Frontiers in Astronomy and Space Sciences, 2019, 6, .	2.8	36
52	Influence of the inverse magnetic catalysis and the vector interaction in the location of the critical end point. Physical Review D, 2015, 92, .	4.7	35
53	Warm and dense stellar matter under strong magnetic fields. Physical Review C, 2011, 84, .	2.9	34
54	Formation of hybrid stars from metastable hadronic stars. Physical Review C, 2013, 88, .	2.9	33

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55	Effects of quark matter nucleation on the evolution of proto-neutron stars. Astronomy and Astrophysics, 2011, 528, A71.	5.1	32
56	Deconfinement, chiral symmetry restoration and thermodynamics of (<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 712 Td (xmlns:r hot QCD matter in an external magnetic field. Physical Review D, 2014, 89, .	4.7	32
57	Tides in merging neutron stars: Consistency of the GW170817 event with experimental data on finite nuclei. Physical Review C, 2019, 99, .	2.9	32
58	α particles and the "pasta" phase in nuclear matter. Physical Review C, 2010, 82, .	2.9	31
59	Neutron stars with large quark cores. Physical Review D, 2020, 101, .	4.7	31
60	Chiral model approach to quark matter nucleation in neutron stars. Physical Review D, 2012, 85, .	4.7	30
61	Hadron production in non-linear relativistic mean field models. Nuclear Physics A, 2009, 826, 178-189.	1.5	28
62	Nucleation process in asymmetric hot nuclear matter. Physical Review C, 1999, 60, .	2.9	27
63	Unstable modes in relativistic neutron-electron-proton (npe) matter at finite temperature. Physical Review C, 2006, 74, .	2.9	27
64	Hadron-quark phase transition in asymmetric matter with boson condensation. Physical Review C, 2011, 83, .	2.9	27
65	Light clusters in warm stellar matter: Explicit mass shifts and universal cluster-meson couplings. Physical Review C, 2018, 97, .	2.9	27
66	Density dependent hadronic models and the relation between neutron stars and neutron skin thickness. Physical Review C, 2007, 75, .	2.9	26
67	Magnetic susceptibility and magnetization properties of asymmetric nuclear matter in a strong magnetic field. Physical Review C, 2015, 91, .	2.9	26
68	Correlation of the neutron star crust-core properties with the slope of the symmetry energy and the lead skin thickness. Physical Review C, 2016, 93, .	2.9	26
69	Quark matter under strong magnetic fields in chiral models. Physical Review C, 2011, 83, .	2.9	25
70	Compact stars within a soft symmetry energy quark-meson-coupling model. Physical Review C, 2012, 85, .	2.9	25
71	Thermal evolution of relativistic hyperonic compact stars with calibrated equations of state. Physical Review D, 2021, 103, .	4.7	25
72	Warm asymmetric matter in the quark-meson coupling model. Physical Review C, 2003, 68, .	2.9	24

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73	Strange quark chiral phase transition in hot $2+1$-flavor magnetized quark matter. Physical Review D, 2014, 90, .	4.7	24
74	Relativistic Description of Dense Matter Equation of State and Compatibility with Neutron Star Observables: A Bayesian Approach. Astrophysical Journal, 2022, 930, 17.	4.5	24
75	Droplet formation in cold asymmetric nuclear matter. Nuclear Physics A, 1999, 650, 283-298.	1.5	23
76	Collective modes in relativistic asymmetric nuclear matter. Physical Review C, 2005, 71, .	2.9	23
77	Dense stellar matter with trapped neutrinos under strong magnetic fields. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 075102.	3.6	23
78	Description of light clusters in relativistic nuclear models. Physical Review C, 2012, 85, .	2.9	23
79	Variational formulation of nuclear fluid dynamics. Physical Review C, 1985, 32, 2049-2057.	2.9	22
80	Stellar matter in the quark-meson-coupling model with neutrino trapping. Physical Review C, 2004, 69, .	2.9	22
81	Tensor force effects and high-momentum components in the nuclear symmetry energy. European Physical Journal A, 2014, 50, 1.	2.5	22
82	Light clusters and pasta phases in warm and dense nuclear matter. Physical Review C, 2017, 95, .	2.9	22
83	Effect of strong magnetic fields on the crust-core transition and inner crust of neutron stars. Physical Review C, 2017, 95, .	2.9	22
84	Low Density In-Medium Effects on Light Clusters from Heavy-Ion Data. Physical Review Letters, 2020, 125, 012701.	7.8	22
85	Unveiling the nuclear matter EoS from neutron star properties: a supervised machine learning approach. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 011.	5.4	22
86	Collective modes in hot and dense nuclear matter. Physical Review C, 1993, 47, 200-209.	2.9	21
87	Kaons in a hot and flavor-asymmetric medium. Nuclear Physics A, 1999, 651, 59-70.	1.5	21
88	Dynamical properties of nuclear and stellar matter and the symmetry energy. Physical Review C, 2010, 82, .	2.9	21
89	Quark matter nucleation with a microscopic hadronic equation of state. Physical Review C, 2012, 85, .	2.9	21
90	Full distribution of clusters with universal couplings and in-medium effects. Physical Review C, 2019, 99, .	2.9	21

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91	Anisotropy in the equation of state of magnetized quark matter. Physical Review C, 2015, 91, .	2.9	20
92	Limiting magnetic field for minimal deformation of a magnetized neutron star. Astronomy and Astrophysics, 2019, 627, A61.	5.1	20
93	Collective modes in relativistic nuclear matter: Classical approach. Physical Review C, 1991, 44, 209-217.	2.9	19
94	Compact stars with a quark core within the Nambu–Jona-Lasinio (NJL) model. Physical Review C, 2010, 82, .	2.9	19
95	Crust-core transition of a neutron star: Effects of the symmetry energy and temperature under strong magnetic fields. Physical Review C, 2017, 95, .	2.9	19
96	Instanton picture of the spin tunnelling in the Lipkin - Meshkov - Glick model. Journal of Physics A, 1997, 30, 5633-5643.	1.6	18
97	Coupling of nuclear and electron modes in relativistic stellar matter. Physical Review C, 2006, 74, .	2.9	18
98	Skyrme forces versus relativistic models: Reexamining instabilities. Physical Review C, 2008, 77, .	2.9	18
99	Dynamical instabilities of warm npe matter: δ meson effects. Physical Review C, 2009, 80, .	2.9	18
100	Low density instabilities in asymmetric nuclear matter within the quark-meson coupling (QMC) model with the δ meson. Physical Review C, 2009, 79, .	2.9	18
101	Effective Potential Approach to Quark Ferromagnetization in High Density Quark Matter. Progress of Theoretical Physics, 2012, 128, 507-522.	2.0	18
102	Effect of strong magnetic fields on the nuclear "pasta" phase structure. Physical Review C, 2013, 88, .	2.9	18
103	Publisher's Note: Deconfinement and chiral restoration within the SU(3) Polyakov–Nambu–Jona-Lasinio and entangled Polyakov–Nambu–Jona-Lasinio models in an external magnetic field [Phys. Rev. D **89**, 016002 (2014)]. Physical Review D, 2014, 89, .	4.7	18
104	Larger and more heterogeneous neutron star crusts: A result of strong magnetic fields. Physical Review C, 2016, 94, .	2.9	18
105	Neutron stars: From the inner crust to the core with the (extended) Nambu–Jona-Lasinio model. Physical Review C, 2016, 93, .	2.9	18
106	Quark matter in light neutron stars. Physical Review D, 2020, 102, .	4.7	18
107	Empirical constraints on the high-density equation of state from multimessenger observables. Physical Review D, 2020, 101, .	4.7	18
108	Variational description of the interplay between first sound and zero sound in finite nuclei. Il Nuovo Cimento A, 1985, 87, 248-259.	0.2	17

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109	Unveiling the correlations of tidal deformability with the nuclear symmetry energy parameters. Physical Review C, 2020, 102, .	2.9	17
110	Spinodal instabilities and the distillation effect in nuclear matter under strong magnetic fields. Physical Review C, 2009, 79, .	2.9	16
111	Effect of hyperonic three-body forces on the maximum mass of neutron stars. Journal of Physics: Conference Series, 2012, 342, 012006.	0.4	16
112	Spontaneous magnetization in high-density quark matter. Progress of Theoretical and Experimental Physics, 2015, 2015, 103D01.	6.6	16
113	Multiple critical endpoints in magnetized three flavor quark matter. Physical Review D, 2018, 97, .	4.7	16
114	The q-deformed Moszkowski model: RPA modes. Journal of Physics A, 1993, 26, 895-904.	1.6	15
115	Caloric curve for finite nuclei in relativistic models. Physical Review C, 2001, 64, .	2.9	15
116	Warm stellar matter within the quark-meson-coupling model. Physical Review C, 2010, 82, .	2.9	15
117	SPIN POLARIZATION IN HIGH DENSITY QUARK MATTER. International Journal of Modern Physics E, 2013, 22, 1350019.	1.0	15
118	Nuclear pasta phases within the quark-meson coupling model. Physical Review C, 2017, 95, .	2.9	15
119	Equations of state for mixed stars. Brazilian Journal of Physics, 2004, 34, 724-727.	1.4	15
120	Droplet formation in cold asymmetric nuclear matter in the quark–meson-coupling model. Nuclear Physics A, 2000, 674, 125-140.	1.5	14
121	Î³-ray bursts and the QCD phase diagram. Physical Review C, 2006, 73, .	2.9	14
122	Low-density expansion and isospin dependence of nuclear energy functional: Comparison between relativistic and Skyrme models. Physical Review C, 2007, 76, .	2.9	14
123	Constraining relativistic models through heavy ion collisions. Physical Review C, 2007, 76, .	2.9	14
124	Landau parameters for asymmetric nuclear matter with a strong magnetic field. Physical Review C, 2011, 84, .	2.9	14
125	Constraints on high density equation of state from maximum neutron star mass. Physical Review D, 2021, 104, .	4.7	14
126	Dynamical instabilities in density-dependent hadronic relativistic models. Physical Review C, 2008, 77, .	2.9	13

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127	Effect of the Î´ meson on the instabilities of nuclear matter under strong magnetic fields. Physical Review C, 2009, 80, .	2.9	13
128	Warm unstable asymmetric nuclear matter: Critical properties and the density dependence of the symmetry energy. Physical Review C, 2017, 95, .	2.9	13
129	Magnetization of High Density Hadronic Fluid. Brazilian Journal of Physics, 2012, 42, 68-76.	1.4	12
130	Spin polarization versus color-flavor locking in high-density quark matter. Progress of Theoretical and Experimental Physics, 2015, 2015, 13D02-0.	6.6	12
131	Spin-polarized versus chiral condensate in quark matter at finite temperature and density. Progress of Theoretical and Experimental Physics, 2016, 2016, 053D02.	6.6	12
132	Hybrid stars with large strange quark cores constrained by GW170817. Physical Review D, 2021, 103, .	4.7	11
133	Determination of the symmetry energy from the neutron star equation of state. Physical Review D, 2021, 104, .	4.7	11
134	Short range correlations in relativistic nuclear matter models. Physical Review C, 2006, 73, .	2.9	10
135	Improved method for the experimental determination of in-medium effects from heavy-ion collisions. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 105204.	3.6	10
136	Interaction between first sound and zero sound degrees of freedom. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 143, 36-40.	4.1	9
137	Quantum algebraic description of the Moszkowski model. Journal of Physics A, 1992, 25, 6317-6322.	1.6	9
138	Aspects of short-range correlations in a relativistic model. Physical Review C, 2005, 71, .	2.9	9
139	First-Order Quark-Hadron Phase-Transition in a NJL-Type Model for Nuclear and Quark Matter: -- The Case of Symmetric Nuclear Matter --. Progress of Theoretical Physics, 2010, 123, 1013-1028.	2.0	9
140	Quarkâ€"hadron phase transition in an extended Nambuâ€"Jona-Lasinio model with scalarâ€"vector interaction: Finite temperature and baryon chemical potential case. Progress of Theoretical and Experimental Physics, 2013, 2013, .	6.6	9
141	Spin polarization and color superconductivity in the Nambuâ€"Jona-Lasinio model at finite temperature. Physical Review D, 2017, 95, .	4.7	9
142	Hyperons in the nuclear pasta phase. Physical Review C, 2017, 96, .	2.9	9
143	Net baryon-number fluctuations in magnetized quark matter. Physical Review D, 2018, 98, .	4.7	9
144	Presence of a critical endpoint in the QCD phase diagram from the net-baryon number fluctuations. Physical Review D, 2018, 98, .	4.7	9

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145	Subthreshold pion production in heavy-ion collisions and the nuclear structure function. Nuclear Physics A, 1988, 485, 699-720.	1.5	8
146	The Lipkin model. Beyond mean field with generalized coherent states. Journal of Physics A, 2003, 36, 10361-10372.	1.6	8
147	The Buck–Sukumar model described in terms of $su(2) \otimes su(1, 1)$ coherent states. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 12153-12160.	2.1	8
148	Light and heavy clusters in warm stellar matter. Nuclear Science and Techniques/Hewuli, 2018, 29, 1.	3.4	8
149	Spontaneous magnetization under a pseudovector interaction between quarks in high density quark matter. International Journal of Modern Physics E, 2018, 27, 1850028.	1.0	8
150	Hadron-quark phase transition: the QCD phase diagram and stellar conversion. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 024-024.	5.4	8
151	Neutron star inner crust: Effects of rotation and magnetic fields. Physical Review D, 2020, 102, .	4.7	8
152	Effect of the crust on neutron star empirical relations. Physical Review D, 2020, 102, .	4.7	8
153	Three-level Lipkin model in the context of thesuq(3) algebra. Physical Review A, 1995, 52, 92-100.	2.5	7
154	Extended supersymmetric σ-model based on the Lie algebra of the fermion operators. Nuclear Physics B, 2008, 802, 121-145.	2.5	7
155	Neutrino diffusion in the pasta phase matter within the Thomas-Fermi approach. European Physical Journal A, 2016, 52, 1.	2.5	7
156	Light clusters in warm stellar matter: calibrating the cluster couplings. European Physical Journal A, 2020, 56, 1.	2.5	7
157	Strong magnetic fields: neutron stars with an extended inner crust. European Physical Journal A, 2021, 57, 1.	2.5	7
158	Inverse Magnetic Catalysis in the Polyakov--Nambu--Jona-Lasinio and Entangled Polyakov--Nambu--Jona-Lasinio Models. Acta Physica Polonica B, Proceedings Supplement, 2015, 8, 207.	0.1	7
159	Temperature dependence of bifurcation of equilibria in the SU(2) Lipkin model. Journal of Physics A, 1994, 27, 697-713.	1.6	6
160	Relativistic Thomas–Fermi description of Sm isotopes at finite temperature. Nuclear Physics A, 2002, 703, 188-201.	1.5	6
161	Quarks stars in SU(2) Nambu-Jona-Lasinio model with vector coupling. Nuclear Physics, Section B, Proceedings Supplements, 2010, 199, 325-328.	0.4	6
162	Effects of the symmetry energy on the kaon condensates in the quark-meson coupling model. Physical Review C, 2014, 89, .	2.9	6

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163	QMC approach based on the Bogoliubov independent quark model of the nucleon. International Journal of Modern Physics E, 2016, 25, 1650007.	1.0	6
164	Crust-core transition of a neutron star: effect of the temperature under strong magnetic fields. European Physical Journal A, 2021, 57, 1.	2.5	6
165	CLASSICAL DESCRIPTION OF TRANSVERSE MODES IN RELATIVISTIC NUCLEAR MATTER. Modern Physics Letters A, 1994, 09, 919-924.	1.2	5
166	Collective isospin excitations in nuclear matter droplets. Physical Review C, 1994, 50, 2800-2808.	2.9	5
167	The q-deformed Moszkowski model: high-spin states. Journal of Physics G: Nuclear and Particle Physics, 1994, 20, 1209-1216.	3.6	5
168	Deformed Boson Scheme including Conventional q-Deformation in Time-Dependent Variational Method. I: The Case of Many-Body Systems Consisting of One Kind of Boson Operator. Progress of Theoretical Physics, 2001, 106, 751-763.	2.0	5
169	Nuclear phenomena derived from quark-gluon strings. Physical Review C, 2005, 71, .	2.9	5
170	Color-symmetric superconductivity in a phenomenological QCD model. European Physical Journal A, 2009, 41, 355-360.	2.5	5
171	Isospin constraints on the parametric coupling model for nuclear matter. Physical Review C, 2010, 81, .	2.9	5
172	Interplay between spin polarization and color superconductivity in high density quark matter. Progress of Theoretical and Experimental Physics, 2013, 2013, .	6.6	5
173	Hybrid stars from the NJL model with a tensor interaction. Physical Review D, 2018, 98, .	4.7	5
174	Stability of the neutron-proton-electron matter under strong magnetic fields: The covariant Vlasov approach. Physical Review C, 2018, 98, .	2.9	5
175	Neutron Star Properties: Quantifying the Effect of the Crust–Core Matching Procedure. Universe, 2020, 6, 220.	2.5	5
176	Hard-photon production in heavy-ion collisions and the nuclear structure function. Nuclear Physics A, 1990, 507, 426-446.	1.5	4
177	Collective motion of nuclear mixed states: Thermal boson expansions. Physical Review C, 1992, 45, 2196-2204.	2.9	4
178	The q-deformed Moszkowski model: RPA modes. Journal of Physics A, 1993, 26, 5185-5185.	1.6	4
179	The q-deformed Thouless model for superconductivity and the study of thermal effects using number non-conserving coherent states. Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 192, 192-200.	2.1	4
180	Thermal Effect in Lipkin Model. II: Grand Partition Function and Mean Field Approximation. Progress of Theoretical Physics, 1996, 95, 339-351.	2.0	4

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181	The Lipkin Model in Many-Fermion System as an Example of the su(1,1) âŠ— su(1,1)-Algebraic Model. Progress of Theoretical Physics, 2006, 116, 87-105.	2.0	4
182	RELATIVISTIC HADRONIC MATTER AND PHASE TRANSITIONS. International Journal of Modern Physics E, 2007, 16, 2680-2719.	1.0	4
183	Tensor interaction and short range correlations in relativistic nuclear models. Physical Review C, 2007, 75, .	2.9	4
184	Hyperons in neutron star matter within relativistic mean-field models. Physics of Particles and Nuclei, 2015, 46, 830-834.	0.7	4
185	Spin polarization in high density quark matter under a strong external magnetic field. International Journal of Modern Physics E, 2016, 25, 1650106.	1.0	4
186	Role of the conserved charges in the chiral symmetry restoration phase transition. Physical Review D, 2020, 102, .	4.7	4
187	Critical properties of calibrated relativistic mean-field models for the transition to warm, nonhomogeneous nuclear and stellar matter. Physical Review C, 2021, 103, .	2.9	4
188	Light hyperclusters and hyperons in low-density hot stellar matter. Physical Review C, 2021, 104, .	2.9	4
189	Pasta phases in neutron stars under strong magnetic fields. Physical Review D, 2022, 105, .	4.7	4
190	Relativistic Thomas-Fermi description of collective modes in droplets of nuclear matter. Physical Review C, 1996, 54, 2525-2537.	2.9	3
191	The Lipkin Model in a New Boson Realization: Basic Idea. Progress of Theoretical Physics, 2000, 103, 733-745.	2.0	3
192	Deformed Boson Scheme including Conventional q-Deformation in Time-Dependent Variational Method. II: Deformation of the su(2)- and the su(1,1)-Algebras in the Schwinger Boson Representation. Progress of Theoretical Physics, 2001, 106, 765-781.	2.0	3
193	Nuclear Matter Mean Field with Extended NJL Model. AIP Conference Proceedings, 2003, , .	0.4	3
194	Boson Realization of the su(3)-Algebra. II: -- Holstein-Primakoff Representation for the Lipkin Model --. Progress of Theoretical Physics, 2006, 115, 155-164.	2.0	3
195	Particle production within the quark meson coupling model. Physical Review C, 2009, 80, .	2.9	3
196	Determination of the neutron star mass-radii relation using narrow-band gravitational wave detector. Journal of Physics: Conference Series, 2009, 154, 012039.	0.4	3
197	Two-meson exchange hyperonic three-body forces and consequences for neutron stars. Nuclear Physics A, 2013, 914, 433-437.	1.5	3
198	Compact stars and the symmetry energy. Journal of Physics: Conference Series, 2013, 413, 012023.	0.4	3

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199	Beyond the Schwinger boson representation of the su(2)-algebra. Progress of Theoretical and Experimental Physics, 2015, 2015, .	6.6	3
200	A possible framework of the Lipkin model obeying the SU(n) algebra in arbitrary fermion number. I: The SU(2) algebras extended from the conventional fermion pair and determination of the minimum weight states. Progress of Theoretical and Experimental Physics, 2016, 2016, 083D03.	6.6	3
201	Spin polarizations under a pseudovector interaction between quarks with the Kobayashiâ€"Maskawaâ€"â€™t Hooft term in high density quark matter. International Journal of Modern Physics E, 2020, 29, 2050003.	1.0	3
202	The cranked Moszkowski model at finite temperature. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 236, 375-380.	4.1	2
203	Cranked Moszkowski model with temperature. Physical Review C, 1992, 46, 2098-2101.	2.9	2
204	Classical q-deformation of su(2) and Os(1). Journal of Physics A, 1993, 26, 5835-5844.	1.6	2
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