

Jie Meng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2863135/publications.pdf>

Version: 2024-02-01

420
papers

17,618
citations

13827

67
h-index

20900

115
g-index

425
all docs

425
docs citations

425
times ranked

4208
citing authors

#	ARTICLE	IF	CITATIONS
1	Relativistic continuum Hartree Bogoliubov theory for ground-state properties of exotic nuclei. Progress in Particle and Nuclear Physics, 2006, 57, 470-563.	5.6	845
2	New parametrization for the nuclear covariant energy density functional with a point-coupling interaction. Physical Review C, 2010, 82, .	1.1	463
3	Tilted rotation of triaxial nuclei. Nuclear Physics A, 1997, 617, 131-147.	0.6	444
4	Relativistic Hartree-Bogoliubov Description of the Neutron Halo in ^{11}Li . Physical Review Letters, 1996, 77, 3963-3966.	2.9	376
5	Surface diffuseness correction in global mass formula. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 734, 215-219.	1.5	375
6	New effective interactions in relativistic mean field theory with nonlinear terms and density-dependent meson-nucleon coupling. Physical Review C, 2004, 69, .	1.1	352
7	Pseudospin symmetry in relativistic mean field theory. Physical Review C, 1998, 58, R628-R631.	1.1	334
8	Giant Halo at the Neutron Drip Line. Physical Review Letters, 1998, 80, 460-463.	2.9	279
9	Pseudospin symmetry in Zr and Sn isotopes from the proton drip line to the neutron drip line. Physical Review C, 1999, 59, 154-163.	1.1	267
10	Relativistic continuum Hartree-Bogoliubov theory with both zero range and finite range Gogny force and their application. Nuclear Physics A, 1998, 635, 3-42.	0.6	250
11	Hidden pseudospin and spin symmetries and their origins in atomic nuclei. Physics Reports, 2015, 570, 1-84.	10.3	244
12	Possible existence of multiple chiral doublets in ^{106}Rh . Physical Review C, 2006, 73, .	1.1	221
13	Spin Symmetry in the Antinucleon Spectrum. Physical Review Letters, 2003, 91, 262501.	2.9	215
14	Density-dependent relativistic Hartree-Fock approach. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 640, 150-154.	1.5	205
15	Masses, Deformations and Charge Radii–Nuclear Ground-State Properties in the Relativistic Mean Field Model. Progress of Theoretical Physics, 2005, 113, 785-800.	2.0	185
16	Neutron halo in deformed nuclei. Physical Review C, 2010, 82, .	1.1	177
17	Progress on tilted axis cranking covariant density functional theory for nuclear magnetic and antimagnetic rotation. Frontiers of Physics, 2013, 8, 55-79.	2.4	173
18	Shell structure and \tilde{T} -tensor correlations in density dependent relativistic Hartree-Fock theory. Physical Review C, 2007, 76, .	1.1	168

#	ARTICLE	IF	CITATIONS
19	Halos in medium-heavy and heavy nuclei with covariant density functional theory in continuum. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 093101.	1.4	165
20	Configuration mixing of angular-momentum-projected triaxial relativistic mean-field wave functions. Physical Review C, 2010, 81, .	1.1	163
21	Beyond the relativistic mean-field approximation. III. Collective Hamiltonian in five dimensions. Physical Review C, 2009, 79, .	1.1	162
22	Spherical relativistic Hartree theory in a Woods-Saxon basis. Physical Review C, 2003, 68, .	1.1	158
23	The limits of the nuclear landscape explored by the relativistic continuum Hartree-Bogoliubov theory. Atomic Data and Nuclear Data Tables, 2018, 121-122, 1-215.	0.9	148
24	Giant halo at the neutron drip line in Ca isotopes in relativistic continuum Hartree-Bogoliubov theory. Physical Review C, 2002, 65, .	1.1	146
25	Microscopic analysis of nuclear quantum phase transitions in the $N > 90$ region. Physical Review C, 2009, 79, .	1.1	145
26	Novel structure for magnetic rotation bands in ^{60}Ni . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 181-186.	1.5	137
27	Magic numbers for superheavy nuclei in relativistic continuum Hartree-Bogoliubov theory. Nuclear Physics A, 2005, 753, 106-135.	0.6	135
28	\hat{I}^2 -decay half-lives of neutron-rich nuclei and matter flow in the r-process. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 172-176.	1.5	133
29	Nuclear structure studies of short-lived neutron-rich nuclei with the novel large-scale isochronous mass spectrometry at the FRS-ESR facility. Nuclear Physics A, 2008, 812, 1-12.	0.6	132
30	Spin-Isospin Resonances: A Self-Consistent Covariant Description. Physical Review Letters, 2008, 101, 122502.	2.9	128
31	Antimagnetic Rotation Band in Nuclei: A Microscopic Description. Physical Review Letters, 2011, 107, 122501.	2.9	127
32	Relativistic Density Functional for Nuclear Structure. International Review of Nuclear Physics, 2016, .	1.0	126
33	Systematic study of nuclear matrix elements in neutrinoless double- \hat{I}^2 decay with a beyond-mean-field covariant density functional theory. Physical Review C, 2015, 91, .	1.1	121
34	Deformed relativistic Hartree-Bogoliubov theory in continuum. Physical Review C, 2012, 85, .	1.1	119
35	Description of chiral doublets in $A \sim 130$ nuclei and the possible chiral doublets in $A \sim 100$ nuclei. Physical Review C, 2003, 68, .	1.1	113
36	Chirality in odd-A nucleus ^{135}Nd in particle rotor model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 675, 175-180.	1.5	112

#	ARTICLE	IF	CITATIONS
37	Isospin corrections for superallowed Fermi β decay in self-consistent relativistic random-phase approximation approaches. Physical Review C, 2009, 79, .	1.1	112
38	Open problems in understanding the nuclear chirality. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 064025.	1.4	112
39	Evolution of nuclear shell structure due to the pion exchange potential. Europhysics Letters, 2008, 82, 12001.	0.7	106
40	Chiral bands for a quasi-proton and quasi-neutron coupled with a triaxial rotor. Physical Review C, 2007, 75, .	1.1	105
41	Storage ring at HIE-ISOLDE. European Physical Journal: Special Topics, 2012, 207, 1-117.	1.2	101
42	Test of pseudospin symmetry in deformed nuclei. Physical Review C, 2004, 69, .	1.1	99
43	Covariant density functional theory for magnetic rotation. Physical Review C, 2008, 78, .	1.1	99
44	Relativistic Hartree-Fock-Bogoliubov theory with density dependent meson-nucleon couplings. Physical Review C, 2010, 81, .	1.1	96
45	Three-dimensional angular momentum projection in relativistic mean-field theory. Physical Review C, 2009, 79, .	1.1	91
46	Configuration mixing of angular-momentum-projected triaxial relativistic mean-field wave functions. II. Microscopic analysis of low-lying states in magnesium isotopes. Physical Review C, 2011, 83, .	1.1	91
47	Evidence for Multiple Chiral Doublet Bands in ^{133}Ce . Physical Review Letters. 2013, 110, 172504.	2.9	88
48	Evidence for Octupole Correlations in Multiple Chiral Doublet Bands. Physical Review Letters, 2016, 116, 112501.	2.9	86
49	Microscopic benchmark study of triaxiality in low-lying states of ^{76}Kr . Physical Review C, 2014, 89, .	1.1	85
50	Covariant density functional theory for antimagnetic rotation. Physical Review C, 2012, 85, .	1.1	83
51	Rod-shaped Nuclei at Extreme Spin and Isospin. Physical Review Letters, 2015, 115, 022501.	2.9	83
52	Multiple Chiral Doublet Bands of Identical Configuration in ^{103}Rh . Physical Review Letters, 2014, 113, 032501.	2.9	81
53	Relativistic mean field description for the shears band mechanism in ^{84}Rb . Physical Review C, 2000, 62, .	1.1	80
54	Neutron skin deduced from antiprotonic atom data. Physical Review C, 2007, 76, .	1.1	80

#	ARTICLE	IF	CITATIONS
55	Octet baryon masses in next-to-next-to-next-to-leading order covariant baryon chiral perturbation theory. Journal of High Energy Physics, 2012, 2012, 1.	1.6	80
56	The proton and neutron distributions in Na isotopes: the development of halo and shell structure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 419, 1-6.	1.5	79
57	Towards an ab initio covariant density functional theory for nuclear structure. Progress in Particle and Nuclear Physics, 2019, 109, 103713.	5.6	78
58	Application of the relativistic mean-field mass model to the r -process and the influence of mass uncertainties. Physical Review C, 2008, 78, . The first candidate for chiral nuclei in the r -process.	1.1	77
59	Application of the relativistic mean-field mass model to the r -process and the influence of mass uncertainties. Physical Review C, 2008, 78, . The first candidate for chiral nuclei in the r -process.	1.5	77
60	Microscopic description of spherical to β^3 -soft shape transitions in Ba and Xe nuclei. Physical Review C, 2010, 81, .	1.1	76
61	Nuclear halo structure and pseudospin symmetry. Physical Review C, 2010, 81, .	1.1	75
62	Shape evolution for Sm isotopes in relativistic mean-field theory. European Physical Journal A, 2005, 25, 23-27.	1.0	72
63	Spin determination and quantized alignment in the superdeformed bands in Dy152, Tb151, and Gd150. Physical Review C, 1991, 44, R1745-R1748.	1.1	71
64	Low-energy isovector and isoscalar dipole response in neutron-rich nuclei. Physical Review C, 2012, 85, .	1.1	69
65	Covariant description of shape evolution and shape coexistence in neutron-rich nuclei at. Nuclear Physics A, 2012, 873, 1-16.	0.6	69
66	Interpretation and quality of the tilted axis cranking approximation. Zeitschrift für Physik A, 1996, 356, 263-279.	0.9	68
67	Isoscalar and Isovector Splitting of Pygmy Dipole Structures. Physical Review Letters, 2009, 103, 032502.	2.9	67
68	Stellar electron-capture rates calculated with the finite-temperature relativistic random-phase approximation. Physical Review C, 2011, 83, .	1.1	67
69	Beyond relativistic mean-field studies of low-lying states in neutron-deficient krypton isotopes. Physical Review C, 2013, 87, .	1.1	67
70	Pseudo-spin symmetry in density-dependent relativistic Hartree-Fock theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 639, 242-247.	1.5	66
71	Neutron star properties in density-dependent relativistic Hartree-Fock theory. Physical Review C, 2008, 78, .	1.1	66
72	Search for multiple chiral doublets in rhodium isotopes. Physical Review C, 2008, 77, .	1.1	66

#	ARTICLE	IF	CITATIONS
73	Energy density functional analysis of shape evolution in $N > 28$ isotones. Physical Review C, 2011, 84, .	1.1	66
74	Nuclear chiral and magnetic rotation in covariant density functional theory. Physica Scripta, 2016, 91, 053008.	1.2	66
75	Analytic continuation of single-particle resonance energy and wave function in relativistic mean field theory. Physical Review C, 2004, 70, .	1.1	65
76	Spin determination and calculation of nuclear superdeformed bands in $A \approx 190$ region. Physical Review C, 1992, 45, 261-274.	1.1	64
77	Relativistic Mean Field Theory for Deformed Nuclei with Pairing Correlations. Progress of Theoretical Physics, 2003, 110, 921-936.	2.0	64
78	Influence of nuclear physics inputs and astrophysical conditions on the Th/U chronometer. Physical Review C, 2009, 80, .	1.1	64
79	Examining B and M ratios in ^{134}Ba and ^{136}Xe isotopes. Physical Review C, 2009, 79, .	1.1	64
80	Nuclear matrix element of neutrinoless double- β decay: Relativity and short-range correlations. Physical Review C, 2017, 95, .	1.1	64
81	Self-consistent relativistic quasiparticle random-phase approximation and its applications to charge-exchange excitations. Physical Review C, 2017, 95, .	1.1	64
82	Test of spin symmetry in anti-nucleon spectra. European Physical Journal A, 2006, 28, 265-269.	1.0	61
83	Time-odd triaxial relativistic mean field approach for nuclear magnetic moments. Physical Review C, 2006, 74, .	1.1	60
84	Simultaneous quadrupole and octupole shape phase transitions in Thorium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 866-869.	1.5	60
85	Relativistic description of nuclear matrix elements in neutrinoless double- β decay. Physical Review C, 2014, 90, .	1.1	60
86	Nuclear mass table in deformed relativistic Hartree-Fock-Bogoliubov theory in continuum, I: Even-even nuclei. Atomic Data and Nuclear Data Tables, 2022, 144, 101488.	0.9	60
87	Doublet bands in ^{126}Cs in the triaxial rotor model coupled with two quasiparticles. Physical Review C, 2007, 75, .	1.1	59
88	Non-local mean field effect on nuclei near $Z = 64$ sub-shell. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 428-431.	1.5	58
89	Spin symmetry in Dirac negative-energy spectrum in density-dependent relativistic Hartree-Fock theory. European Physical Journal A, 2010, 44, 119-124.	1.0	58
90	Perturbative interpretation of relativistic symmetries in nuclei. Physical Review C, 2011, 83, .	1.1	58

#	ARTICLE	IF	CITATIONS
91	Gamow-Teller response within Skyrme random-phase approximation plus particle-vibration coupling. Physical Review C, 2012, 85, .	1.1	58
92	Resolution of Chiral Conundrum in $\langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \langle \text{mml:mrow} \langle \text{mml:mi} \text{Ag} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \rangle \rangle \rangle$ Doppler-Shift Lifetime Investigation. Physical Review Letters, 2014, 112, .	2.9	58
93	Real stabilization method for nuclear single-particle resonances. Physical Review C, 2008, 77, .	1.1	56
94	Microscopic linear response calculations based on the Skyrme functional plus the pairing contribution. Physical Review C, 2008, 78, .	1.1	56
95	Microscopic analysis of order parameters in nuclear quantum phase transitions. Physical Review C, 2009, 80, .	1.1	56
96	Pseudospin symmetry in supersymmetric quantum mechanics: Schrödinger equations. Physical Review C, 2013, 87, .	1.1	56
97	Direct measurement of the 4.6 MeV isomer in stored bare ^{133}Sb ions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 688, 294-297.	1.5	55
98	Relativistic energy density functionals: Low-energy collective states of ^{240}Pu and ^{166}Er .	1.1	55
99	Global study of beyond-mean-field correlation energies in covariant energy density functional theory using a collective Hamiltonian method. Physical Review C, 2015, 91, .	1.1	55
100	The relativistic continuum Hartree-Bogoliubov description of charge-changing cross section for C, N, O and F isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 532, 209-214.	1.5	54
101	Rapid structural change in low-lying states of neutron-rich Sr and Zr isotopes. Physical Review C, 2012, 85, .	1.1	53
102	Global dynamical correlation energies in covariant density functional theory: Cranking approximation. Frontiers of Physics, 2014, 9, 529-536.	2.4	53
103	Lateral graphene π -n junctions formed by the graphene/ MoS_2 hybrid interface. Nanoscale, 2015, 7, 11611-11619.	2.8	53
104	Deformed relativistic Hartree-Bogoliubov theory in continuum with a point-coupling functional: Examples of even-even Nd isotopes. Physical Review C, 2020, 102, .	1.1	53
105	Lifetimes of shears bands in ^{199}Pb . Nuclear Physics A, 1995, 595, 499-512.	0.6	50
106	Density dependencies of interaction strengths and their influences on nuclear matter and neutron stars in relativistic mean field theory. Physical Review C, 2004, 69, .	1.1	50
107	Scalar strangeness content of the nucleon and baryon sigma terms. Physical Review D, 2015, 91, .	1.6	49
108	Leading order relativistic chiral nucleon-nucleon interaction. Chinese Physics C, 2018, 42, 014103.	1.5	49

#	ARTICLE	IF	CITATIONS
127	Magnetic rotation and quasicollective structures in ^{58}Fe . <i>Physical Review C</i> , 2012, 85, .	1.1	42
128	Magnetic rotations in ^{198}Pb and ^{199}Pb within covariant density functional theory. <i>Physical Review C</i> , 2012, 85, .	1.1	42
129	Feasibility of the finite-amplitude method in covariant density functional theory. <i>Physical Review C</i> , 2013, 87, .	1.1	42
130	Multiple chiral doublets in four-j shells particle rotor model: Five possible chiral doublets in ^{136}Nd . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 782, 744-749.	1.5	42
131	Shell-model-like Approach (SLAP) for the Nuclear Properties in Relativistic Mean Field Theory. <i>Frontiers of Physics in China</i> , 2006, 1, 38-46.	1.0	41
132	Discovery of a new long-lived isomeric state in ^{125}Ce . <i>European Physical Journal A</i> , 2007, 31, 393-394.	1.0	41
133	Low-energy monopole and dipole response in nuclei at finite temperature. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 681, 315-319.	1.5	41
134	Pseudospin symmetry in supersymmetric quantum mechanics. II. Spin-orbit effects. <i>Physical Review C</i> , 2013, 88, .	1.1	41
135	Pairing interaction in exotic nuclei: Finite range or zero range?. <i>Physical Review C</i> , 1998, 57, 1229-1232.	1.1	40
136	The surface diffuseness and the spin-orbital splitting in relativistic continuum Hartree-Bogoliubov theory. <i>Nuclear Physics A</i> , 1999, 650, 176-196.	0.6	40
137	Reexamining the temperature and neutron density conditions for r -process nucleosynthesis with augmented nuclear mass models. <i>Physical Review C</i> , 2013, 87, .	1.1	40
138	Anatomy of molecular structures in ^{20}Ne . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 753, 227-231.	1.5	40
139	Proton and neutron skins of light nuclei within the relativistic mean field theory. <i>Nuclear Physics A</i> , 2004, 730, 80-94.	0.6	39
140	Impurity effect of Lambda hyperon on collective excitations of nuclear core in ^{25}Mg . <i>Nuclear Physics A</i> , 2011, 868-869, 12-24.	0.6	39
141	Enhanced collectivity in neutron-deficient Sn isotopes in energy functional based collective Hamiltonian. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 717, 470-473.	1.5	39
142	Relativistic Brueckner-Hartree-Fock Theory for Finite Nuclei. <i>Chinese Physics Letters</i> , 2016, 33, 102103.	1.3	39
143	Single-particle and collective motion for proton-rich nuclei in the upperpfshell. <i>Physical Review C</i> , 2000, 62, .	1.1	38
144	Octupole degree of freedom for the critical-point candidate nucleus ^{152}Sm in a reflection-asymmetric relativistic mean-field approach. <i>Physical Review C</i> , 2010, 81, .	1.1	38

#	ARTICLE	IF	CITATIONS
145	Green's function method for single-particle resonant states in relativistic mean field theory. Physical Review C, 2014, 90, .	1.1	38
146	Solving Dirac equations on a 3D lattice with inverse Hamiltonian and spectral methods. Physical Review C, 2017, 95, .	1.1	37
147	Chiral geometry in symmetry-restored states: Chiral doublet bands in ^{128}Cs . Physical Review C, 2017, 96, .	1.1	37
148	Stability of the linear chain structure for ^{12}C in covariant density functional theory on a 3D lattice. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	37
149	High precision nuclear mass predictions towards a hundred kilo-electron-volt accuracy. Science Bulletin, 2018, 63, 759-764.	4.3	36
150	Structure of the new nuclide ^{259}Db and its α -decay daughter nuclei. Physical Review C, 2002, 65, .	1.1	35
151	Symmetry energy at supra-saturation densities via the gravitational waves from GW170817. Physical Review C, 2020, 101, .	1.1	35
152	Effects of tensor forces in nuclear spin-orbit splittings from ab initio calculations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 778, 344-348.	1.5	34
153	Single-particle resonances in a deformed Dirac equation. Physical Review C, 2010, 81, .	1.1	33
154	Relativistic description of second-order correction to nuclear magnetic moments with point-coupling residual interaction. Science China: Physics, Mechanics and Astronomy, 2011, 54, 204-209.	2.0	33
155	Localized form of Fock terms in nuclear covariant density functional theory. Physical Review C, 2012, 86, .	1.1	33
156	Spectroscopy of ^{74}Ge : From soft to rigid triaxiality. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 734, 308-313.	1.5	33
157	Isospin and $Z^{1/3}$ -dependence of the nuclear charge radii. European Physical Journal A, 2002, 13, 285-289.	1.0	32
158	Chirality in odd- A Rh isotopes within the triaxial particle rotor model. Physical Review C, 2011, 83, .	1.1	32
159	Fine structure of charge-exchange spin-dipole excitations in ^{16}O . Physical Review C, 2012, 85, .	1.1	32
160	Simple Nuclear Structure in ^{111}Cd . Physical Review Letters, 2016, 116, 032501.	2.9	32
161	Two-dimensional collective Hamiltonian for chiral and wobbling modes. Physical Review C, 2016, 94, .	1.1	32
162	Multiple chiral doublet bands with octupole correlations in reflection-asymmetric triaxial particle rotor model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 454-460.	1.5	32

#	ARTICLE	IF	CITATIONS
163	Identification of pseudospin partner bands in Tc . Physical Review C, 2008, 78, .	1.1	31
164	Explanation of the simplicity of the quadrupole moments recently observed in Cd isotopes from covariant density functional theory. Physical Review C, 2014, 89, .	1.1	31
165	Predictive power for superheavy nuclear mass and possible stability beyond the neutron drip line in deformed relativistic Hartree-Bogoliubov theory in continuum. Physical Review C, 2021, 104, .	1.1	31
166	One-Pion Exchange Current Corrections for Nuclear Magnetic Moments in Relativistic Mean Field Theory. Progress of Theoretical Physics, 2011, 125, 1185-1192.	2.0	30
167	Studies of chirality in the mass 80, 100 and 190 regions. International Journal of Modern Physics E, 2014, 23, 1461001.	0.4	30
168	Can hexadecapole deformation lead to $\hat{\pi}^1 = 2$ staggering in superdeformed bands?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 387, 667-672.	1.5	29
169	\hat{I}^\pm -decay chains of $^{115}173288$ and $^{117}228715$ in the relativistic mean field theory. Physical Review C, 2003, 68, .	1.1	29
170	Searching for a $4\hat{I}^\pm$ linear-chain structure in excited states of ^{16}O with covariant density functional theory. Physical Review C, 2014, 90, .	1.1	29
171	Nuclear matter properties with nucleon-nucleon forces up to fifth order in the chiral expansion. Physical Review C, 2017, 96, .	1.1	29
172	Relativistic Brueckner-Hartree-Fock theory in nuclear matter without the average momentum approximation. Physical Review C, 2018, 98, .	1.1	29
173	Dibaryon with Highest Charm Number near Unitarity from Lattice QCD. Physical Review Letters, 2021, 127, 072003.	2.9	29
174	Giant halos in relativistic and nonrelativistic approaches. Physical Review C, 2006, 74, .	1.1	28
175	Nuclear quantum shape-phase transitions in odd-mass systems. Physical Review C, 2018, 97, .	1.1	28
176	Mass prediction of proton-rich nuclides with the Coulomb displacement energies in the relativistic point-coupling model. Science China: Physics, Mechanics and Astronomy, 2011, 54, 210-214.	2.0	27
177	Collective Hamiltonian for wobbling modes. Physical Review C, 2014, 90, .	1.1	27
178	Chiral geometry and rotational structure for ^{130}Cs in the projected shell model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 211-216.	1.5	27
179	CHIRAL SYMMETRY IN ATOMIC NUCLEI. Modern Physics Letters A, 2008, 23, 2560-2567.	0.5	26
180	Properties of the rotational bands in the transitional nucleus Pt . Physical Review C, 2009, 80, .	1.1	26

#	ARTICLE	IF	CITATIONS
181	AVOID THE TSUNAMI OF THE DIRAC SEA IN THE IMAGINARY TIME STEP METHOD. International Journal of Modern Physics E, 2010, 19, 55-62.	0.4	26
182	Extending the nuclear chart by continuum: From oxygen to titanium. Science China: Physics, Mechanics and Astronomy, 2013, 56, 2031-2036.	2.0	26
183	Chirality in atomic nuclei: 2013. International Journal of Modern Physics E, 2014, 23, 1430016.	0.4	26
184	Relativistic Brueckner-Hartree-Fock theory for neutron drops. Physical Review C, 2018, 97, .	1.1	26
185	Slater approximation for Coulomb exchange effects in nuclear covariant density functional theory. Physical Review C, 2013, 87, .	1.1	25
186	Triaxial-band structures, chirality, and magnetic rotation in ^{133}La . Physical Review C, 2016, 94, .	1.5	25
187	Evidence for pseudospin-chiral quartet bands in the presence of octupole correlations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135572.	1.5	25
188	Efficient method for computing the Thouless-Valatin inertia parameters. Physical Review C, 2012, 86, .	1.1	24
189	Shell-model-like approach based on cranking covariant density functional theory: Band crossing and shape evolution in ^{60}Fe . Physical Review C, 2018, 97, .	1.1	24
190	Dynamics of the linear-chain alpha cluster in microscopic time-dependent relativistic density functional theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135194.	1.5	24
191	Structure of superheavy elements suggested in the reaction of ^{86}Kr with ^{208}Pb . Physical Review C, 2000, 61, .	1.1	23
192	Search for the chiral doublet bands in ^{122}Cs . Journal of Physics G: Nuclear and Particle Physics, 2005, 31, B1-B6.	1.4	23
193	Gate Modulation of Graphene-ZnO Nanowire Schottky Diode. Scientific Reports, 2015, 5, 10125.	1.6	23
194	Relativistic description of BCS-BEC crossover in nuclear matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 134-139.	1.5	22
195	Precise measurement of nuclear isomers in the storage ring at GSI. Nuclear Physics A, 2010, 834, 476c-478c.	0.6	22
196	Relativistic description of magnetic moments in nuclei with doubly closed shells plus or minus one nucleon. Physical Review C, 2013, 88, .	1.1	22
197	Superheavy nuclei in a microscopic collective Hamiltonian approach: The impact of beyond-mean-field correlations on ground state and fission properties. Physical Review C, 2019, 99, .	1.1	22
198	Beyond-mean-field approaches for nuclear neutrinoless double beta decay in the standard mechanism. Progress in Particle and Nuclear Physics, 2022, 126, 103965.	5.6	22

#	ARTICLE	IF	CITATIONS
199	Microscopic description of quantum shape fluctuation in C isotopes. <i>Physical Review C</i> , 2011, 84, .	1.1	21
200	LARGE-SCALE MASS MEASUREMENTS OF SHORT-LIVED NUCLIDES WITH THE ISOCHRONOUS MASS SPECTROMETRY AT GSI. <i>International Journal of Modern Physics E</i> , 2009, 18, 346-351.	0.4	20
201	Magnetic moments of ^{33}Mg in the time-odd relativistic mean field approach. <i>Science in China Series G: Physics, Mechanics and Astronomy</i> , 2009, 52, 1586-1592.	0.2	20
202	Influence of pairing correlations on the size of the nucleus in relativistic continuum Hartree-Bogoliubov theory. <i>Physical Review C</i> , 2014, 89, .	1.1	20
203	Northern boundary of the "island of inversion" and triaxiality in ^{34}Si . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 772, 529-533.	1.5	20
204	Microscopic analysis of induced nuclear fission dynamics. <i>Physical Review C</i> , 2022, 105, .	1.1	20
205	Dynamical Synthesis of ^4He in the Quasistationary Phase of Nuclear Fission. <i>Physical Review Letters</i> , 2022, 129, 172501.	2.9	20
206	A spherical-box approach for resonances in the presence of the Coulomb interaction. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2009, 42, 245001.	0.6	19
207	Virtual decuplet effects on octet baryon masses in covariant baryon chiral perturbation theory. <i>Physical Review D</i> , 2013, 87, .	1.6	19
208	Decuplet baryon masses in covariant baryon chiral perturbation theory. <i>Physical Review D</i> , 2014, 89, .	1.6	19
209	Photovoltaic Effect and Evidence of Carrier Multiplication in Graphene Vertical Homojunctions with Asymmetrical Metal Contacts. <i>ACS Nano</i> , 2015, 9, 8851-8858.	7.3	19
210	First Measurement of the g Factor in the Chiral Band: The Case of the ^{128}Cs Isotope.	2.9	19
211	Reexamining nuclear chiral geometry from the orientation of the angular momentum. <i>Physical Review C</i> , 2018, 98, .	1.1	19
212	Chirality of ^{135}Nd reexamined: Evidence for multiple chiral doublet bands. <i>Physical Review C</i> , 2019, 100, .	1.1	19
213	Examination of evidence for resonances at high excitation energy in the ^{71}Si disassembly of ^{28}Si . <i>Physical Review C</i> , 2019, 99, .	1.1	19
214	LAMBDA AND ANTI-LAMBDA HYPERNUCLEI IN RELATIVISTIC MEAN-FIELD THEORY. <i>International Journal of Modern Physics E</i> , 2010, 19, 2538-2545.	0.4	18
215	Tensor Coupling Effects on Spin Symmetry in the Anti-Lambda Spectrum of Hypernuclei. <i>Chinese Physics Letters</i> , 2011, 28, 092101.	1.3	18
216	Correlations between neutrons and protons near the Fermi surface and Q^2 of superheavy nuclei. <i>Physical Review C</i> , 2016, 93, .	1.1	18

#	ARTICLE	IF	CITATIONS
217	Deviation of theSUq(2) prediction from observations in even-even deformed nuclei. Physical Review C, 1991, 44, 2545-2551.	1.1	17
218	Particles in classically forbidden areas, neutron skin and halo, and pure neutron matter in Ca isotopes. Physical Review C, 2000, 61, .	1.1	17
219	Relativistic wave functions for single-proton resonant states. European Physical Journal A, 2007, 32, 43-49.	1.0	17
220	Coexistence of collective and noncollective structures inSn118. Physical Review C, 2010, 81, .	1.1	17
221	Effect of pairing correlations on nuclear low-energy structure: BCS and general Bogoliubov transformation. Physical Review C, 2013, 88, .	1.1	17
222	Nuclear superfluidity for antimagnetic rotation in105Cd and106Cd. Physical Review C, 2013, 87, .	1.1	17
223	Spin symmetry in the Dirac sea derived from the bare nucleonâ€nucleon interaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 227-231.	1.5	17
224	Relativistic density functional theory in nuclear physics. AAPPS Bulletin, 2021, 31, 1.	2.7	17
225	Nuclear matter in relativistic Brueckner-Hartree-Fock theory with Bonn potential in the full Dirac space. Physical Review C, 2021, 103, .	1.1	17
226	The pseudo-spin symmetry in a Dirac equation. Journal of Physics G: Nuclear and Particle Physics, 1999, 25, 811-813.	1.4	16
227	Selected issues at the interface between nuclear physics and astrophysics as well as the standard model. Science China: Physics, Mechanics and Astronomy, 2011, 54, 119-123.	2.0	16
228	BCS-BEC crossover in nuclear matter with the relativistic Hartree-Bogoliubov theory. Physical Review C, 2012, 86, .	1.1	16
229	Ultraviolet Irradiationâ€Controlled Memory Effect in Graphene Fieldâ€Effect Transistors. Small, 2013, 9, 2240-2244.	5.2	16
230	Evolution of octupole correlations inBa123. Physical Review C, 2016, 94, .	1.1	16
231	A SYSTEMATIC STUDY OF Zr AND Sn ISOTOPES IN THE RELATIVISTIC MEAN FIELD THEORY. Modern Physics Letters A, 2004, 19, 2171-2190.	0.5	15
232	Proton-Rich Nuclei at and beyond the Proton Drip Line in the Relativistic Mean Field Theory. Progress of Theoretical Physics, 2004, 112, 603-617.	2.0	15
233	Selection rules of electromagnetic transitions for chirality-parity violation in atomic nuclei. Science Bulletin, 2020, 65, 2001-2006.	4.3	15
234	Toroidal states in 28Si with covariant density functional theory in 3D lattice space. Nuclear Physics A, 2020, 996, 121696.	0.6	15

#	ARTICLE	IF	CITATIONS
235	Accurate Relativistic Chiral Nucleon-Nucleon Interaction up to Next-to-Next-to-Leading Order. Physical Review Letters, 2022, 128, 142002.	2.9	15
236	Relativistic Hartree-Bogoliubov description of the lithium isotopes. Zeitschrift für Physik A, 1997, 358, 123-124.	0.9	14
237	Effects of triaxial deformation and pairing correlation on the proton emitter Tm145. Physical Review C, 2008, 77, .	1.1	14
238	Fabrication and Electrical Properties of Stacked Graphene Monolayers. Scientific Reports, 2014, 4, 5065.	1.6	14
239	Wobbling motion in ^{135}Pr within a collective Hamiltonian. Physical Review C, 2016, 94, .	1.1	14
240	Configuration interaction in symmetry-conserving covariant density functional theory. Physical Review C, 2016, 94, .	1.1	14
241	Behavior of the collective rotor in nuclear chiral motion. Physical Review C, 2019, 99, .	1.1	14
242	Interpretation and quality of the tilted axis cranking approximation. Zeitschrift für Physik A, 1987, 356, 263-279.	0.9	13
243	States in ^{156}Yb and structure evolutions at large angular momenta in even-even nucleus. Physical Review C, 2019, 99, .	1.1	13
244	Spin-orbit and orbit-orbit strengths for the radioactive neutron-rich doubly magic nucleus ^{132}Sn in relativistic mean-field theory. Physical Review C, 2011, 83, .	1.1	13
245	Relativistic Descriptions of Nuclear Magnetic Moments. Progress of Theoretical Physics Supplement, 2013, 196, 400-406.	0.2	13
246	Multichiral facets in symmetry restored states: Five chiral doublet candidates in the even-even nucleus ^{136}Nd . Physical Review C, 2019, 99, .	1.1	13
247	g-factor and static quadrupole moment for the wobbling mode in ^{133}La . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135596.	1.5	13
248	Giant, hyperon, and deformed halos near the particle drip line. Nuclear Physics A, 2003, 722, C366-C371.	0.6	12
249	Single-particle resonances in a deformed relativistic potential. Science China: Physics, Mechanics and Astronomy, 2010, 53, 773-778.	2.0	12
250	Vertically Architected Stack of Multiple Graphene Field-Effect Transistors for Flexible Electronics. Small, 2015, 11, 1660-1664.	5.2	12
251	Effective field theory for triaxially deformed nuclei. European Physical Journal A, 2017, 53, 1.	1.0	12
252	Nuclear magnetic moments in covariant density functional theory. Frontiers of Physics, 2018, 13, 1.	2.4	12

#	ARTICLE	IF	CITATIONS
253	Relativistic Chiral Description of the 1S_0 Nucleon-Nucleon Scattering. Chinese Physics Letters, 2021, 38, 062101.	1.3	12
254	First observation of the coexistence of multiple chiral doublet bands and pseudospin doublet bands in the $A \approx 80$ mass region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 137006.	1.5	12
255	High-spin states in Gd^{152} . Physical Review C, 2005, 72, .	1.1	11
256	Binding energy differences of mirror nuclei in a time-odd triaxial relativistic mean field approach. Physical Review C, 2007, 76, .	1.1	11
257	SIGNATURE SPLITTING IN ^{173}W WITH TRIAXIAL PARTICLE ROTOR MODEL. International Journal of Modern Physics E, 2009, 18, 109-122.	0.4	11
258	Microscopic analysis of spherical to β^3 -soft shape transitions in Zn isotopes. Science China: Physics, Mechanics and Astronomy, 2011, 54, 222-226.	2.0	11
259	Pseudospin symmetry and octupole correlations for multiple chiral doublets in ^{131}Ba . Physical Review C, 2020, 102, .		11
260	Nuclear symmetry energy in relativistic mean field theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 633, 231-236.	1.5	10
261	Constrained relativistic mean-field approach with fixed configurations. European Physical Journal A, 2007, 31, 273-278.	1.0	10
262	Shape Evolution of C Isotopes in (β^2, β^3) Deformation Plane. Progress of Theoretical Physics, 2008, 120, 129-142.	2.0	10
263	Properties of the rotational bands in Er^{161} . Physical Review C, 2011, 83, .	1.1	10
264	Influence of pairing correlations on the radius of neutron-rich nuclei. Physical Review C, 2017, 95, .	1.1	10
265	Two-dimensional collective Hamiltonian for chiral and wobbling modes. II. Electromagnetic transitions. Physical Review C, 2018, 98, .	1.1	10
266	New candidate chiral nucleus in the $A \approx 80$ mass region: ^{131}Br . Physical Review C, 2019, 100, 014307.	1.1	10
267	Calculation for the ^{131}Br nucleus. Physical Review C, 2019, 100, 014307.	1.1	10
268	Multiple chiral bands in ^{137}Nd . European Physical Journal A, 2020, 56, 1.	1.0	10
269	Dynamics of rotation in chiral nuclei. Physical Review C, 2022, 105, .	1.1	10
270	Toward a deformed relativistic Hartree Bogoliubov model for exotic nuclei. AIP Conference Proceedings, 2006, , .	0.3	9

#	ARTICLE	IF	CITATIONS
271	Observation of high-spin oblate band structures in ^{141}Pm . Physical Review C, 2011, 83, .	1.1	9
272	New insight into the shape coexistence and shape evolution of ^{157}Yb . Physical Review C, 2011, 83, .	1.1	9
273	High spin spectroscopy and shape coexistence in ^{73}As . Physical Review C, 2015, 92, .	1.1	9
274	A systematic study of neutron magic nuclei with $N = 8, 20, 28, 50, 82$ and 126 in the relativistic mean-field theory. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, 1915-1928.	1.4	8
275	Spectroscopy of ^{76}Se . Prolate-to-oblate shape transition. Physical Review C, 2015, 91, .	1.1	8
276	Relativistic mean-field theory. International Review of Nuclear Physics, 2016, , 21-81.	1.0	8
277	Novel Excitation Modes in Nuclei: Experimental and Theoretical Investigation on Multiple Chiral Doublets. Nuclear Physics News, 2020, 30, 11-15.	0.1	8
278	Energy-dependent Lorentz covariant parameterization of the NN interaction between 50 and 200 MeV. Physical Review C, 2008, 77, .	1.1	7
279	g factors of nuclear low-lying states: A covariant description. Science China: Physics, Mechanics and Astronomy, 2011, 54, 198-203.	2.0	7
280	Baryon chiral perturbation theory with Wilson fermions up to $\mathcal{O}(a^2)$ and discretization effects of latest $n_f = 2 + 1$ LQCD octet baryon masses. European Physical Journal C, 2014, 74, 1.	1.4	7
281	Observation of a novel stapler band in ^{75}As . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 107-111.	1.5	7
282	Strength of tensor forces from neutron drops in ab initio relativistic Brueckner-Hartree-Fock theory. Physical Review C, 2019, 100, .	1.1	7
283	Static quadrupole moments of nuclear chiral doublet bands. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135568.	1.5	7
284	Quadrupole and octupole collectivity in ^{143}Ba . Physical Review C, 2020, 102, .	1.1	7
285	Impact of tensor forces on spin-orbit splittings in neutron-proton drops. Physical Review C, 2020, 102, .	1.1	7
286	Nuclear matrix elements of neutrinoless double- β^2 decay in the triaxial projected shell model. Physical Review C, 2021, 104, .	1.1	7
287	Sensitivity of neutron radii in ^{208}Pb nucleus and a neutron star to nucleon- \bar{f} - f coupling corrections in relativistic mean field theory. Physical Review C, 2005, 71, .	1.1	6
288	PAIRING PROPERTIES OF SYMMETRIC NUCLEAR MATTER IN RELATIVISTIC MEAN FIELD THEORY. International Journal of Modern Physics E, 2008, 17, 1441-1452.	0.4	6

#	ARTICLE	IF	CITATIONS
289	DEFORMED RELATIVISTIC HARTREE-BOGOLIUBOV MODEL FOR EXOTIC NUCLEI. , 2008, , .		6
290	Neutron halo in deformed nuclei from a relativistic Hartree-Bogoliubov model in a Woods-Saxon basis. Journal of Physics: Conference Series, 2011, 312, 092067.	0.3	6
291	SENSITIVITY OF THE NUCLEAR COLLECTIVITY TO THE PAIRING STRENGTH IN ^{150}Nd . International Journal of Modern Physics E, 2011, 20, 494-499.	0.4	6
292	High-spin spectroscopy of ^{144}Tb : Systematic investigation of dipole bands in $N=79$ isotones. Physical Review C, 2014, 89, .	1.1	6
293	Asymptotic form of neutron Cooper pairs in weakly bound nuclei. Physical Review C, 2014, 90, .	1.1	6
294	Finite-amplitude method: an extension to the covariant density functionals. Physica Scripta, 2014, 89, 054018.	1.2	6
295	Test of $h_1(1830)$ made of K^{*+} or K^{*0} with the $\eta_c \rightarrow \varphi K^{*+}$ or K^{*0} decay. European Physical Journal A, 2014, 50, 1.	1.0	6
296	Nuclear matrix elements for neutrinoless double-beta decay in covariant density functional theory. International Journal of Modern Physics E, 2017, 26, 1740020.	0.4	6
297	Consistency between SU(3) and SU(2) covariant baryon chiral perturbation theory for the nucleon mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 766, 325-333.	1.5	6
298	α -Stapler mechanism for a dipole band in ^{79}Se . Physical Review C, 2019, 100, .		6
299	Effects of rotation and valence nucleons in molecular ^{13}Li -chain nuclei. Physical Review C, 2022, 105, .	1.1	6
300	Optimized two-baryon operators in lattice QCD. Physical Review D, 2022, 105, .	1.6	6
301	Validity of the relativistic impulse approximation for elastic proton-nucleus scattering at energies lower than 200 MeV. Physical Review C, 2008, 78, .	1.1	5
302	Optimization of the imaginary time step evolution for the Dirac equation. Science China: Physics, Mechanics and Astronomy, 2011, 54, 231-235.	2.0	5
303	CHIRALITY IN ATOMIC NUCLEUS. International Journal of Modern Physics E, 2011, 20, 341-348.	0.4	5
304	Rotational band properties of ^{173}W . Physical Review C, 2012, 86, .	1.1	5
305	Band crossing and shape evolution in ^{73}Ge . Physical Review C, 2015, 92, .	1.1	5
306	Evidence of octupole correlation in ^{79}Se . Physical Review C, 2021, 104, .	1.1	5

#	ARTICLE	IF	CITATIONS
307	Finite amplitude method on the deformed relativistic Hartree-Bogoliubov theory in continuum: The isoscalar giant monopole resonance in exotic nuclei. <i>Physical Review C</i> , 2022, 105, .	1.1	5
308	Relativistic continuum Hartree-Bogoliubov theory for halos and development of halos. <i>Nuclear Physics A</i> , 1999, 654, 702c-705c.	0.6	4
309	New aspects of chiral symmetry breaking in atomic nucleus. <i>Journal of Physics: Conference Series</i> , 2010, 205, 012030.	0.3	4
310	Comparison of the confined \hat{I}^2 -soft rotor model and a microscopic collective Hamiltonian based on the relativistic mean field model in $^{150, 152}\text{Nd}$. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2011, 38, 065102.	1.4	4
311	Thermodynamics of Hydrophobic Amino Acids in Solution: A Combined Experimentalâ€“Computational Study. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 347-351.	2.1	4
312	Effective field theory for collective rotations and vibrations of triaxially deformed nuclei. <i>Physical Review C</i> , 2018, 97, .	1.1	4
313	Collective structures in ^{62}Cu . <i>Physical Review C</i> , 2022, 105, .		4
314	RECENT PROGRESS IN RELATIVISTIC MANY-BODY APPROACH. <i>International Journal of Modern Physics E</i> , 2006, 15, 1447-1464.	0.4	3
315	Analysis of Nuclear Quantum Phase Transitions. , 2009, , .		3
316	Isospin symmetry-breaking corrections for superallowed $i\hat{I}^2</i>$ decay in relativistic RPA approaches. <i>Journal of Physics: Conference Series</i> , 2010, 205, 012028.	0.3	3
317	Exotic Magnetic Rotation in ^{22}F . <i>Chinese Physics Letters</i> , 2010, 27, 122101.	1.3	3
318	NUCLEAR EXCITATIONS AND WEAK INTERACTION RATES AT FINITE TEMPERATURE. <i>Modern Physics Letters A</i> , 2010, 25, 1767-1770.	0.5	3
319	Investigation into the rotational bands of ^{185}Pt with the particle-rotor model. <i>Science China: Physics, Mechanics and Astronomy</i> , 2011, 54, 114-118.	2.0	3
320	Signature inversion in the $7/2^{\wedge^{\wedge}}[503]$ band of ^{185}Pt . <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2011, 38, 095105.	1.4	3
321	Spectroscopy of ^{157}Yb and structure evolutions in odd-AYb isotopes. <i>Physical Review C</i> , 2013, 87, .	1.1	3
322	Novel rotational excitations. <i>International Review of Nuclear Physics</i> , 2016, , 355-411.	1.0	3
323	Structure of odd- A Pt isotopes along the line of stability. <i>Physical Review C</i> , 2019, 100, .	1.1	3
324	"Shears bands" in Pb nuclei â€“ a new nuclear structure effect. <i>Physica Scripta</i> , 1995, T56, 44-46.	1.2	2

#	ARTICLE	IF	CITATIONS
343	Theoretical descriptions of isospin corrections for superallowed β^2 transitions. Journal of Physics: Conference Series, 2011, 321, 012055.	0.3	1
344	Finite temperature effects on monopole and dipole excitations. Journal of Physics: Conference Series, 2011, 312, 042017.	0.3	1
345	LOW-LYING STATES IN ^{30}Mg : A BEYOND RELATIVISTIC MEAN-FIELD INVESTIGATION. International Journal of Modern Physics E, 2011, 20, 482-487.	0.4	1
346	Local covariant density functional constrained by the relativistic Hartree-Fock theory. , 2012, , .		1
347	Microscopic and self-consistent description for neutron halo in deformed nuclei. , 2013, , .		1
348	Mass and lifetime of unstable nuclei in covariant density functional theory. Physica Scripta, 2013, T154, 014010.	1.2	1
349	Nuclear charge-exchange excitations in localized covariant density functional theory. EPJ Web of Conferences, 2014, 66, 02064.	0.1	1
350	Relativistic Hartree-Fock-Bogoliubov theory: ground states and excitations. International Review of Nuclear Physics, 2016, , 143-169.	1.0	1
351	Relativistic symmetries in nuclear single-particle spectra. International Review of Nuclear Physics, 2016, , 219-262.	1.0	1
352	β^2 -decay study of neutron-rich nucleus ^{34}Al . Science China: Physics, Mechanics and Astronomy, 2017, 60, 1.	2.0	1
353	Spectroscopic study of the possibly triaxial transitional nucleus ^{75}Ge . Physical Review C, 2018, 97, .	1.1	1
354	Evidence for resonances in the $7\beta^2$ disassembly of ^{28}Si . AIP Conference Proceedings, 2018, , .	0.3	1
355	Identical Superdeformed Bands and Quantized Spin Alignments in $A \sim 190$ Region. Communications in Theoretical Physics, 1992, 18, 179-184.	1.1	0
356	QCD Interaction in Pion-Nucleus DCX Reaction. Communications in Theoretical Physics, 1994, 22, 331-336.	1.1	0
357	Nuclear chaotic behavior in particles-rotor model and cranking model. AIP Conference Proceedings, 2001, , .	0.3	0
358	The nuclear spin-orbit interaction for the particle-state and the hole-state. Journal of Physics: Conference Series, 2005, 20, 201-202.	0.3	0
359	MIRROR NUCLEI ^{12}B AND ^{12}N IN TIME-ODD TRIAXIAL RELATIVISTIC MEAN FIELD THEORY. International Journal of Modern Physics E, 2006, 15, 1513-1521.	0.4	0
360	Structure of nuclei far from the stability in relativistic approach. European Physical Journal: Special Topics, 2007, 150, 139-144.	1.2	0

#	ARTICLE	IF	CITATIONS
361	Imaginary Time Step Method to Solve the Dirac Equation with Nonlocal Potential. , 2009, , .		0
362	Isospin Corrections for Superallowed \hat{I}^2 -Decay in Self-consistent Relativistic RPA Approach. , 2009, , .		0
363	Relativistic Random Phase Approximation At Finite Temperature. , 2009, , .		0
364	New Band Structures in $A \approx 110$ Neutron-Rich Nuclei. , 2010, , .		0
365	Band properties of the transitional nucleus [^{sup 189} Pt. , 2010, , .		0
366	Spin-isospin resonances with relativistic RPA approaches. , 2010, , .		0
367	Covariant density functional theory with spectroscopic properties and a microscopic theory of quantum phase transitions in nuclei. Journal of Physics: Conference Series, 2011, 267, 012043.	0.3	0
368	Octupole degree of freedom for nuclei near ^{152}Sm in a reflection-asymmetric relativistic mean-field approach. Journal of Physics: Conference Series, 2011, 312, 092066.	0.3	0
369	A new covariant density functional with point-coupling and its application. Journal of Physics: Conference Series, 2011, 321, 012016.	0.3	0
370	Random phase approximation in a self-consistent covariant approach: recent applications. Journal of Physics: Conference Series, 2011, 267, 012042.	0.3	0
371	Covariant Density Functional Theory“highlights on recent progress and applications. , 2011, , .		0
372	Energy density functional analysis of shape coexistence in [^{sup 44} S. , 2012, , .		0
373	Magnetic and antimagnetic rotation in covariant density functional theory. , 2012, , .		0
374	Self-consistent theory of stellar electron capture rates. Journal of Physics: Conference Series, 2012, 337, 012013.	0.3	0
375	Microscopic description of quantum phase transitions in nuclei. , 2012, , .		0
376	Covariant density functional theory and applications in nuclear physics and r-process. EPJ Web of Conferences, 2012, 38, 02001.	0.1	0
377	Quark Mass Dependence of the Ground-State Octet Baryons in Next-to-Next-to-Next-to-Leading Order Covariant Baryon Chiral Perturbation Theory. Few-Body Systems, 2013, 54, 1491-1494.	0.7	0
378	Energy density functional description of low-lying states in neutron-deficient Sn isotopes. Physica Scripta, 2013, T154, 014012.	1.2	0

#	ARTICLE	IF	CITATIONS
379	Magnetic moments for nucleus with double-closed core $\hat{A} \pm$ one nucleon. , 2013, , .		0
380	Investigation of band termination in the lower fp shell within the cranked relativistic mean field model. , 2013, , .		0
381	MICROSCOPIC DESCRIPTION FOR THE NUCLEAR MAGNETIC AND ANTIMAGNETIC ROTATION. , 2013, , .		0
382	Impact on the $\langle i \rangle r \langle /i \rangle$ -process from the nuclear mass and lifetime in covariant density functional theory. Journal of Physics: Conference Series, 2013, 445, 012016.	0.3	0
383	Covariant density functional theory for exotic nuclei near the neutron drip-line. Journal of Physics: Conference Series, 2013, 413, 012005.	0.3	0
384	Tilted axis cranking covariant density functional theory and its applications. EPJ Web of Conferences, 2014, 66, 02114.	0.1	0
385	Signature of an h1state from $J/\hat{\Gamma}^{\hat{\Gamma}} \hat{\Gamma}^{\hat{\Gamma}} K^* O \hat{\Gamma}$, *0 and theoretical description of the $Zc(3900)$ and $Zc(4020)$ as $DD \hat{\Gamma}$, * and $D^* D \hat{\Gamma}$, * molecular states. EPJ Web of Conferences, 2014, 81, 01011.	0.1	0
386	Systematics on the low-lying spectra in $N = 78 \sim 80$ isotones. International Journal of Modern Physics E, 2014, 23, 1450037.	0.4	0
387	Chirality in atomic nuclei: 2013. , 2014, , .		0
388	Nuclear moments in covariant density functional theory. Physica Scripta, 2014, 89, 054029.	1.2	0
389	Studies of chirality in the MASS 80, 100 and 190 regions. , 2014, , .		0
390	Pseudospin symmetry: Recent progress with supersymmetric quantum mechanics. Journal of Physics: Conference Series, 2014, 533, 012020.	0.3	0
391	LOWEST-LYING OCTET BARYON MASSES IN COVARIANT BARYON CHIRAL PERTURBATION THEORY. International Journal of Modern Physics Conference Series, 2014, 26, 1460068.	0.7	0
392	Lowest-lying octet baryon masses up to $\mathcal{O}(p^4)$ in covariant baryon chiral perturbation theory. International Journal of Modern Physics Conference Series, 2014, 29, 1460215.	0.7	0
393	Exotic structure in light neutron-rich nuclei. AIP Conference Proceedings, 2015, , .	0.3	0
394	Towards the improvement of spin-isospin properties in nuclear energy density functionals. Journal of Physics: Conference Series, 2016, 724, 012041.	0.3	0
395	Relativistic mean field description of exotic nuclei. International Review of Nuclear Physics, 2016, , 83-141.	1.0	0
396	Simplicity, symmetry, and beauty of atomic nuclei. Frontiers of Physics, 2018, 13, 1.	2.4	0

#	ARTICLE	IF	CITATIONS
415	SEARCH FOR THE CHIRAL NUCLEI IN $A \approx 1/480$ MASS REGION. , 2013, , .		0
416	STELLAR ELECTRON-CAPTURE RATES: A COVARIANT DENSITY FUNCTIONAL CALCULATION. , 2013, , .		0
417	NUCLEAR MASS IN COVARIANT DENSITY FUNCTIONAL THEORY AND ITS APPLICATION IN ASTROPHYSICS. , 2013, , .		0
418	Octet baryon masses and sigma terms in covariant baryon chiral perturbation theory. , 2014, , .		0
419	Selected milestones and hot topics in nuclear structure researches. Scientia Sinica: Physica, Mechanica Et Astronomica, 2016, 46, 012002.	0.2	0
420	COLLECTIVE HAMILTONIAN FOR CHIRAL AND WOBBLING MODES. , 2016, , .		0