

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	Dynamics of rotation in chiral nuclei. <i>Physical Review C</i> , 2022, 105, .	1.1	10
2	Nuclear mass table in deformed relativistic Hartree-Bogoliubov theory in continuum, I: Even-even nuclei. <i>Atomic Data and Nuclear Data Tables</i> , 2022, 144, 101488.	0.9	60
3	Collective structures in ^{62}Cu . <i>Physical Review C</i> , 2022, 105, .		4
4	Effects of rotation and valence nucleons in molecular ^{12}C -chain nuclei. <i>Physical Review C</i> , 2022, 105, .	1.1	6
5	First observation of the coexistence of multiple chiral doublet bands and pseudospin doublet bands in the $A \approx 80$ mass region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 827, 137006.	1.5	12
6	Accurate Relativistic Chiral Nucleon-Nucleon Interaction up to Next-to-Next-to-Leading Order. <i>Physical Review Letters</i> , 2022, 128, 142002.	2.9	15
7	Microscopic analysis of induced nuclear fission dynamics. <i>Physical Review C</i> , 2022, 105, .	1.1	20
8	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
9	Beyond-mean-field approaches for nuclear neutrinoless double beta decay in the standard mechanism. <i>Progress in Particle and Nuclear Physics</i> , 2022, 126, 103965.	5.6	22
10	Dynamical Synthesis of ^{4}He in the Scission Phase of Nuclear Fission. <i>Physical Review Letters</i> , 2022, 128, 172501.	2.9	20
11	Optimized two-baryon operators in lattice QCD. <i>Physical Review D</i> , 2022, 105, .	1.6	6
12	Configuration-interaction projected density functional theory: Effects of four-quasiparticle configurations and time-odd interactions. <i>Physical Review C</i> , 2022, 105, .	1.1	2
13	Relativistic Brueckner-Hartree-Fock Theory in Infinite Nuclear Matter. <i>EPJ Web of Conferences</i> , 2021, 252, 02001.	0.1	0
14	Relativistic density functional theory in nuclear physics. <i>AAPPS Bulletin</i> , 2021, 31, 1.	2.7	17
15	Nuclear matter in relativistic Brueckner-Hartree-Fock theory with Bonn potential in the full Dirac space. <i>Physical Review C</i> , 2021, 103, .	1.1	17
16	Relativistic Chiral Description of the S_0 Nucleon-Nucleon Scattering. <i>Chinese Physics Letters</i> , 2021, 38, 062101.	1.3	12
17	Nuclear matrix elements of neutrinoless double- β^2 decay in the triaxial projected shell model. <i>Physical Review C</i> , 2021, 104, .	1.1	7
18	Dibaryon with Highest Charm Number near Unitarity from Lattice QCD. <i>Physical Review Letters</i> , 2021, 127, 072003.	2.9	29

#	ARTICLE	IF	CITATIONS
19	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
20	Evidence of octupole correlation in Se79. Physical Review C, 2021, 104, .	1.1	5
21	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, 807, 135572.	1.5	24
22	Time-dependent covariant density functional theory in three-dimensional lattice space: Benchmark calculation for the ^{16}O . Physical Review C, 2020, 102, 014307.	1.1	10
23	Triaxiality-related nuclear phenomena in the $A \approx 100$ mass region. Journal of Physics: Conference Series, 2020, 1555, 012025.	0.3	0
24	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
25	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
26	\hat{I}_{\pm} and \hat{I}_{\pm} Conjugate Fragment Decay from the Disassembly of ^{28}Si at Very High Excitation Energy. , 2020, , .		0
27	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
28	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
29	Pseudospin symmetry and octupole correlations for multiple chiral doublets in ^{137}Ba . Physical Review C, 2020, 102, .	1.1	11
30	Multiple chiral bands in ^{137}Nd . European Physical Journal A, 2020, 56, 1.	1.0	10
31	Selection rules of electromagnetic transitions for chirality-parity violation in atomic nuclei. Science Bulletin, 2020, 65, 2001-2006.	4.3	15
32	Quadrupole and octupole collectivity in ^{143}Ba . Physical Review C, 2020, 102, .	1.1	7
33	Impact of tensor forces on spin-orbit splittings in neutron-proton drops. Physical Review C, 2020, 102, .	1.1	7
34	Novel Excitation Modes in Nuclei: Experimental and Theoretical Investigation on Multiple Chiral Doublets. Nuclear Physics News, 2020, 30, 11-15.	0.1	8
35	Symmetry energy at supra-saturation densities via the gravitational waves from GW170817. Physical Review C, 2020, 101, .	1.1	35
36	Toroidal states in ^{28}Si with covariant density functional theory in 3D lattice space. Nuclear Physics A, 2020, 996, 121696.	0.6	15

#	ARTICLE	IF	CITATIONS
37	Chirality of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> \langle \text{mml:mmultiscripts} \langle \text{mml:mi} \rangle \text{Nd} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \rangle \langle \text{mml:mn} \rangle 135 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ reexamined: Evidence for multiple chiral doublet bands. <i>Physical Review C</i> , 2019, 100, .	1.1	19
38	Towards an ab initio covariant density functional theory for nuclear structure. <i>Progress in Particle and Nuclear Physics</i> , 2019, 109, 103713.	5.6	78
39	Structure of odd- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> \langle \text{mml:mi} \rangle \text{A} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Pt isotopes along the line of stability. <i>Physical Review C</i> , 2019, 100, .	1.1	3
40	Stapler mechanism for a dipole band in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> \langle \text{mml:mmultiscripts} \langle \text{mml:mi} \rangle \text{Se} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \rangle \langle \text{mml:mn} \rangle 79 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$. <i>Physical Review C</i> , 2019, 100, .	1.1	6
41	Evidence of the octupole correlation between the shears bands in ^{142}Eu . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 798, 134960.	1.5	2
42	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
43	Behavior of the collective rotor in nuclear chiral motion. <i>Physical Review C</i> , 2019, 99, .	1.1	14
44	Superheavy nuclei in a microscopic collective Hamiltonian approach: The impact of beyond-mean-field correlations on ground state and fission properties. <i>Physical Review C</i> , 2019, 99, .	1.1	22
45	Stability of the linear chain structure for ^{12}C in covariant density functional theory on a 3D lattice. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	2.0	37
46	Multichiral facets in symmetry restored states: Five chiral doublet candidates in the even-even nucleus $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> \langle \text{mml:mmultiscripts} \langle \text{mml:mi} \rangle \text{Nd} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \rangle \langle \text{mml:mn} \rangle 136 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$. <i>Physical Review C</i> , 2019, 99, .	1.1	13
47	Multiple chiral doublet bands with octupole correlations in reflection-asymmetric triaxial particle rotor model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 792, 454-460.	1.5	32
48	Experimental Evidence for Transverse Wobbling in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{Pd} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 105 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$. <i>Physical Review Letters</i> , 2019, 122, 062501.	2.9	46
49	Strength of tensor forces from neutron drops in ab initio relativistic Brueckner-Hartree-Fock theory. <i>Physical Review C</i> , 2019, 100, .	1.1	7
50	New candidate chiral nucleus in the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{A} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\alpha} \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 80 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$ mass region: $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> \langle \text{mml:mmultiscripts} \langle \text{mml:mi} \rangle \text{Br} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 47 \langle \text{mml:mn} \rangle \langle \text{mml:none} \rangle \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:mn} \rangle 35 \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle 82 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$. <i>Physical Review C</i> , 2019, 100, .	1.1	10
51	Effects of tensor forces in nuclear spin-orbit splittings from ab initio calculations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 778, 344-348.	1.5	34
52	Nuclear quantum shape-phase transitions in odd-mass systems. <i>Physical Review C</i> , 2018, 97, .	1.1	28
53	Spin symmetry in the Dirac sea derived from the bare nucleon-nucleon interaction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 781, 227-231.	1.5	17
54	Evolution from quasivibrational to quasisrotational structure in ^{155}Tm and yrast $27/2^+$ to $25/2^+$ energy anomaly in the $A \approx 150$ mass region. <i>Physical Review C</i> , 2018, 97, .	1.1	2

#	ARTICLE	IF	CITATIONS
55	Leading order relativistic chiral nucleon-nucleon interaction. Chinese Physics C, 2018, 42, 014103.	1.5	49
56	First Measurement of the g Factor in the Chiral Band: The Case of the ^{136}Ba Isotope. Physical Review C, 2018, 97, .	1.1	19
57	Evidence of chiral bands in even-even nuclei. Physical Review C, 2018, 97, .	1.1	49
58	Spectroscopic study of the possibly triaxial transitional nucleus ^{75}Ge . Physical Review C, 2018, 97, .	1.1	1
59	Shell-model-like approach based on cranking covariant density functional theory: Band crossing and shape evolution in ^{60}Ni . Physical Review C, 2018, 97, .	1.1	24
60	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
61	Relativistic Brueckner-Hartree-Fock theory in nuclear matter without the average momentum approximation. Physical Review C, 2018, 98, .	1.1	29
62	Two-dimensional collective Hamiltonian for chiral and wobbling modes. II. Electromagnetic transitions. Physical Review C, 2018, 98, .	1.1	10
63	Evidence for resonances in the ^{28}Si disassembly. AIP Conference Proceedings, 2018, , .	0.3	1
64	Reexamining nuclear chiral geometry from the orientation of the angular momentum. Physical Review C, 2018, 98, .	1.1	19
65	Nuclear magnetic moments in covariant density functional theory. Frontiers of Physics, 2018, 13, 1.	2.4	12
66	Simplicity, symmetry, and beauty of atomic nuclei. Frontiers of Physics, 2018, 13, 1.	2.4	0
67	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
68	Relativistic Brueckner-Hartree-Fock theory for neutron drops. Physical Review C, 2018, 97, .	1.1	26
69	High precision nuclear mass predictions towards a hundred kilo-electron-volt accuracy. Science Bulletin, 2018, 63, 759-764.	4.3	36
70	Effective field theory for collective rotations and vibrations of triaxially deformed nuclei. Physical Review C, 2018, 97, .	1.1	4
71	Multiple chiral doublets in four-j shells particle rotor model: Five possible chiral doublets in ^{136}Nd . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 744-749.	1.5	42
72	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

#	ARTICLE	IF	CITATIONS
73	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
74	Solving Dirac equations on a 3D lattice with inverse Hamiltonian and spectral methods. Physical Review C, 2017, 95, .	1.1	37
75	Nuclear matrix element of neutrinoless double- β decay: Relativity and short-range correlations. Physical Review C, 2017, 95, .	1.1	64
76	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
77	Influence of pairing correlations on the radius of neutron-rich nuclei. Physical Review C, 2017, 95, .	1.1	10
78	β^2 -decay study of neutron-rich nucleus ^{34}Al . Science China: Physics, Mechanics and Astronomy, 2017, 60, 1.	2.0	1
79	Thermodynamics of Hydrophobic Amino Acids in Solution: A Combined Experimental and Computational Study. Journal of Physical Chemistry Letters, 2017, 8, 347-351.	2.1	4
80	Nuclear matter properties with nucleon-nucleon forces up to fifth order in the chiral expansion. Physical Review C, 2017, 96, .	1.1	29
81	Northern boundary of the β -island of inversion and triaxiality in ^{34}Si . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 529-533.	1.5	20
82	Fully self-consistent relativistic Brueckner-Hartree-Fock theory for finite nuclei. Physical Review C, 2017, 96, .	1.1	45
83	Self-consistent relativistic quasiparticle random-phase approximation and its applications to charge-exchange excitations. Physical Review C, 2017, 95, .	1.1	64
84	Effective field theory for triaxially deformed nuclei. European Physical Journal A, 2017, 53, 1.	1.0	12
85	Chiral geometry in symmetry-restored states: Chiral doublet bands in ^{128}Cs . Physical Review C, 2017, 96, .	1.1	37
86	Triaxial-band structures, chirality, and magnetic rotation in ^{133}Pr . Physical Review C, 2016, 94, .	1.1	14
87	Towards the improvement of spin-isospin properties in nuclear energy density functionals. Journal of Physics: Conference Series, 2016, 724, 012041.	0.3	0
88	Wobbling motion in ^{135}Pr within a collective Hamiltonian. Physical Review C, 2016, 94, .	1.1	14
89	Relativistic Brueckner-Hartree-Fock Theory for Finite Nuclei. Chinese Physics Letters, 2016, 33, 102103.	1.3	39
90	Evolution of octupole correlations in ^{123}Ba . Physical Review C, 2016, 94, .	1.1	16

#	ARTICLE	IF	CITATIONS
91	Structure evolution in the ^{155}Yb nucleus. Physical Review C, 2016, 94, .	1.1	2
92	Correlations between neutrons and protons near the Fermi surface and $Q_{\beta\pm}$ of superheavy nuclei. Physical Review C, 2016, 93, .	1.1	18
93	Lifetime measurements in ^{166}Re : Collective versus magnetic rotation. Physical Review C, 2016, 93, .	1.1	2
94	Simple Nuclear Structure in ^{111}Cd . Atomic Isomer Shifts. Physical Review Letters, 2016, 116, 032501.	2.9	32
95	Nuclear chiral and magnetic rotation in covariant density functional theory. Physica Scripta, 2016, 91, 053008.	1.2	66
96	Evidence for Octupole Correlations in Multiple Chiral Doublet Bands. Physical Review Letters, 2016, 116, 112501.	2.9	86
97	Configuration interaction in symmetry-conserving covariant density functional theory. Physical Review C, 2016, 94, .	1.1	14
98	Anatomy of molecular structures in ^{20}Ne . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 227-231.	1.5	40
99	Two-dimensional collective Hamiltonian for chiral and wobbling modes. Physical Review C, 2016, 94, .	1.1	32
100	Mean-field approaches for hypernuclei and current experimental data. Physical Review C, 2016, 94, .	1.1	48
101	Relativistic mean-field theory. International Review of Nuclear Physics, 2016, , 21-81.	1.0	8
102	Relativistic mean field description of exotic nuclei. International Review of Nuclear Physics, 2016, , 83-141.	1.0	0
103	Relativistic Hartree-Fock-Bogoliubov theory: ground states and excitations. International Review of Nuclear Physics, 2016, , 143-169.	1.0	1
104	Relativistic symmetries in nuclear single-particle spectra. International Review of Nuclear Physics, 2016, , 219-262.	1.0	1
105	Novel rotational excitations. International Review of Nuclear Physics, 2016, , 355-411.	1.0	3
106	Relativistic Density Functional for Nuclear Structure. International Review of Nuclear Physics, 2016, , .	1.0	126
107	Selected milestones and hot topics in nuclear structure researches. Scientia Sinica: Physica, Mechanica Et Astronomica, 2016, 46, 012002.	0.2	0
108	COLLECTIVE HAMILTONIAN FOR CHIRAL AND WOBBLING MODES. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
109	Spectroscopy of ^{76}Se Prolate-to-oblate shape transition. Physical Review C, 2015, 92, .	1.1	8
110	Impact of pairing correlations on the orientation of the nuclear spin. Physical Review C, 2015, 92, .	1.1	45
111	Band crossing and shape evolution in ^{73}Ge . Physical Review C, 2015, 92, .	1.1	5
112	High spin spectroscopy and shape coexistence in ^{73}As . Physical Review C, 2015, 92, .	1.1	9
113	Neutrinoless double-beta decay in covariant density functional theory. AIP Conference Proceedings, 2015, , .	0.3	2
114	Exotic structure in light neutron-rich nuclei. AIP Conference Proceedings, 2015, , .	0.3	0
115	Lateral graphene π -n junctions formed by the graphene/ MoS_2 hybrid interface. Nanoscale, 2015, 7, 11611-11619.	2.8	53
116	Hidden pseudospin and spin symmetries and their origins in atomic nuclei. Physics Reports, 2015, 570, 1-84.	10.3	244
117	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
118	Gate Modulation of Graphene-ZnO Nanowire Schottky Diode. Scientific Reports, 2015, 5, 10125.	1.6	23
119	Systematic study of nuclear matrix elements in neutrinoless double- β decay with a beyond-mean-field covariant density functional theory. Physical Review C, 2015, 91, .	1.1	121
120	Scalar strangeness content of the nucleon and baryon sigma terms. Physical Review D, 2015, 91, .	1.6	49
121	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
122	Photovoltaic Effect and Evidence of Carrier Multiplication in Graphene Vertical Homojunctions with Asymmetrical Metal Contacts. ACS Nano, 2015, 9, 8851-8858.	7.3	19
123	Rod-shaped Nuclei at Extreme Spin and Isospin. Physical Review Letters, 2015, 115, 022501.	2.9	83
124	Vertically Architected Stack of Multiple Graphene Field-Effect Transistors for Flexible Electronics. Small, 2015, 11, 1660-1664.	5.2	12
125	Nuclear charge-exchange excitations in localized covariant density functional theory. EPJ Web of Conferences, 2014, 66, 02064.	0.1	1
126	Tilted axis cranking covariant density functional theory and its applications. EPJ Web of Conferences, 2014, 66, 02114.	0.1	0

#	ARTICLE	IF	CITATIONS
127	Signature of an h1 state from $J/\psi \rightarrow \psi(3686) \rightarrow \psi(3686) \rightarrow \psi(3686)$ and theoretical description of the $Z_c(3900)$ and $Z_c(4020)$ as DD * molecular states. EPJ Web of Conferences, 2014, 81, 01011.	0.1	0
128	Studies of chirality in the mass 80, 100 and 190 regions. International Journal of Modern Physics E, 2014, 23, 1461001.	0.4	30
129	Systematics on the low-lying spectra in $N = 78 \sim 80$ isotones. International Journal of Modern Physics E, 2014, 23, 1450037.	0.4	0
130	Chirality in atomic nuclei: 2013. International Journal of Modern Physics E, 2014, 23, 1430016.	0.4	26
131	Chirality in atomic nuclei: 2013. , 2014, , .		0
132	Relativistic description of nuclear matrix elements in neutrinoless double- β decay. Physical Review C, 2014, 90, .	1.1	60
133	Green's function method for single-particle resonant states in relativistic mean field theory. Physical Review C, 2014, 90, .	1.1	38
134	High-spin spectroscopy of ^{144}Tb : Systematic investigation of dipole bands in $N=79$ isotones. Physical Review C, 2014, 89, .	1.1	6
135	Influence of pairing correlations on the size of the nucleus in relativistic continuum Hartree-Bogoliubov theory. Physical Review C, 2014, 89, .	1.1	20
136	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
137	Resolution of Chiral Conundrum in ^{106}Ag Doppler-Shift Lifetime Investigation. Physical Review Letters, 2014, 112, .	2.9	58
138	Asymptotic form of neutron Cooper pairs in weakly bound nuclei. Physical Review C, 2014, 90, .	1.1	6
139	Decuplet baryon masses in covariant baryon chiral perturbation theory. Physical Review D, 2014, 89, .	1.6	19
140	Searching for a 4^{\pm}_1 linear-chain structure in excited states of ^{16}O with covariant density functional theory. Physical Review C, 2014, 90, .	1.1	29
141	Finite-amplitude method: an extension to the covariant density functionals. Physica Scripta, 2014, 89, 054018.	1.2	6
142	Treating Coulomb exchange contributions in relativistic mean field calculations: why and how. Physica Scripta, 2014, 89, 054008.	1.2	2
143	Nuclear moments in covariant density functional theory. Physica Scripta, 2014, 89, 054029.	1.2	0
144	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

#	ARTICLE	IF	CITATIONS
145	Collective Hamiltonian for wobbling modes. Physical Review C, 2014, 90, .	1.1	27
146	Multiple Chiral Doublet Bands of Identical Configuration in $\langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{Rh} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \langle \text{mml:mprescripts} \rangle \rangle \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 103 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$.	2.9	81
147	Physical Review Letters, 2014, 113, 032501. Test of $h_1(1830)$ made of $K^* K^*$ with the η_c or $\varphi K^* K^*$ decay. European Physical Journal A, 2014, 50, 1.	1.0	6
148	Global dynamical correlation energies in covariant density functional theory: Cranking approximation. Frontiers of Physics, 2014, 9, 529-536.	2.4	53
149	Microscopic benchmark study of triaxiality in low-lying states of ^{76}Kr . Physical Review C, 2014, 89, .	1.1	85
150	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
151	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
152	Studies of chirality in the MASS 80, 100 and 190 regions. , 2014, , .		0
153	Pseudospin symmetry: Recent progress with supersymmetric quantum mechanics. Journal of Physics: Conference Series, 2014, 533, 012020.	0.3	0
154	LOWEST-LYING OCTET BARYON MASSES IN COVARIANT BARYON CHIRAL PERTURBATION THEORY. International Journal of Modern Physics Conference Series, 2014, 26, 1460068.	0.7	0
155	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
156	Fabrication and Electrical Properties of Stacked Graphene Monolayers. Scientific Reports, 2014, 4, 5065.	1.6	14
157	Octet baryon masses and sigma terms in covariant baryon chiral perturbation theory. , 2014, , .		0
158	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
159	β^- -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
160	Collective Hamiltonian for chiral modes. Physical Review C, 2013, 87, .	1.1	43
161	Spectroscopy of ^{157}Yb and structure evolutions in odd-A Yb isotopes. Physical Review C, 2013, 87, .	1.1	3
162	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

#	ARTICLE	IF	CITATIONS
163	Extending the nuclear chart by continuum: From oxygen to titanium. Science China: Physics, Mechanics and Astronomy, 2013, 56, 2031-2036.	2.0	26
164	Vertical graphene spin valve with Ohmic contacts. Nanoscale, 2013, 5, 8894.	2.8	45
165	Effect of pairing correlations on nuclear low-energy structure: BCS and general Bogoliubov transformation. Physical Review C, 2013, 88, .	1.1	17
166	Energy density functional description of low-lying states in neutron-deficient Sn isotopes. Physica Scripta, 2013, T154, 014012.	1.2	0
167	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
168	Pseudospin symmetry in supersymmetric quantum mechanics: Schrödinger equations. Physical Review C, 2013, 87, .	1.1	56
169	Ultraviolet Irradiation- Controlled Memory Effect in Graphene Field-Effect Transistors. Small, 2013, 9, 2240-2244.	5.2	16
170	Nuclear superfluidity for antimagnetic rotation in ^{105}Cd and ^{106}Cd . Physical Review C, 2013, 87, .	1.1	17
171	Rotational properties of the superheavy nucleus ^{256}Rf and its neighboring even-even nuclei in a particle-number-conserving cranked shell model. Physical Review C, 2013, 87, .	1.1	45
172	Microscopic and self-consistent description for neutron halo in deformed nuclei. , 2013, , .		1
173	Magnetic moments for nucleus with double-closed core $\hat{A} \pm$ one nucleon. , 2013, , .		0
174	Investigation of band termination in the lower fp shell within the cranked relativistic mean field model. , 2013, , .		0
175	Mass and lifetime of unstable nuclei in covariant density functional theory. Physica Scripta, 2013, T154, 014010.	1.2	1
176	Relativistic Descriptions of Nuclear Magnetic Moments. Progress of Theoretical Physics Supplement, 2013, 196, 400-406.	0.2	13
177	Reexamining the temperature and neutron density conditions for r -process nucleosynthesis with augmented nuclear mass models. Physical Review C, 2013, 87, .	1.1	40
178	Virtual decuplet effects on octet baryon masses in covariant baryon chiral perturbation theory. Physical Review D, 2013, 87, .	1.6	19
179	Evidence for Multiple Chiral Doublet Bands in ^{133}Ce . Physical Review Letters. 2013, 110, 172504.	2.9	88
180	Beyond relativistic mean-field studies of low-lying states in neutron-deficient krypton isotopes. Physical Review C, 2013, 87, .	1.1	67

#	ARTICLE	IF	CITATIONS
181	Pairing transitions in finite-temperature relativistic Hartree-Bogoliubov theory. Physical Review C, 2013, 88, .	1.1	47
182	Relativistic description of magnetic moments in nuclei with doubly closed shells plus or minus one nucleon. Physical Review C, 2013, 88, .	1.1	22
183	Feasibility of the finite-amplitude method in covariant density functional theory. Physical Review C, 2013, 87, .	1.1	42
184	Slater approximation for Coulomb exchange effects in nuclear covariant density functional theory. Physical Review C, 2013, 87, .	1.1	25
185	Pseudospin symmetry in supersymmetric quantum mechanics. II. Spin-orbit effects. Physical Review C, 2013, 88, .	1.1	41
186	MICROSCOPIC DESCRIPTION FOR THE NUCLEAR MAGNETIC AND ANTIMAGNETIC ROTATION. , 2013, , .		0
187	Impact on the α -process from the nuclear mass and lifetime in covariant density functional theory. Journal of Physics: Conference Series, 2013, 445, 012016.	0.3	0
188	Covariant density functional theory for exotic nuclei near the neutron drip-line. Journal of Physics: Conference Series, 2013, 413, 012005.	0.3	0
189	OCTET-BARYON MASSES IN FINITE SPACE. , 2013, , .		0
190	FINE STRUCTURE OF SPIN-DIPOLE EXCITATIONS: A RECENT APPLICATION OF COVARIANT DENSITY FUNCTIONAL THEORY. , 2013, , .		0
191	COVARIANT ENERGY DENSITY FUNCTIONAL ANALYSIS OF SHAPE COEXISTENCE IN ^{98}Sr AND ^{100}Zr . , 2013, , .		0
192	CONSTRAINTS ON NEUTRON DENSITY AND TEMPERATURE CONDITIONS FOR ASTROPHYSICAL α -PROCESS FROM UPDATED NUCLEAR MASSES. , 2013, , .		0
193	SEARCH FOR THE CHIRAL NUCLEI IN $A \approx 1/480$ MASS REGION. , 2013, , .		0
194	STELLAR ELECTRON-CAPTURE RATES: A COVARIANT DENSITY FUNCTIONAL CALCULATION. , 2013, , .		0
195	NUCLEAR MASS IN COVARIANT DENSITY FUNCTIONAL THEORY AND ITS APPLICATION IN ASTROPHYSICS. , 2013, , .		0
196	Odd Systems in Deformed Relativistic Hartree Bogoliubov Theory in Continuum. Chinese Physics Letters, 2012, 29, 042101.	1.3	45
197	Local covariant density functional constrained by the relativistic Hartree-Fock theory. , 2012, , .		1
198	Energy density functional analysis of shape coexistence in ^{44}S . , 2012, , .		0

#	ARTICLE	IF	CITATIONS
199	Magnetic and antimagnetic rotation in covariant density functional theory. , 2012, , .		0
200	Halos in a deformed relativistic Hartree-Bogoliubov theory in continuum. , 2012, , .		2
201	Magnetic rotation and quasiparticle structures in ^{58}Fe : Influence of the $g_{1/2}$ and g bands. Physical Review C, 2012, 85, .	1.1	42
202	Crucial test for covariant density functional theory with new and accurate mass measurements from Sn to Pa. Physical Review C, 2012, 86, .	1.1	43
203	Magnetic rotations in ^{198}Pb and ^{199}Pb within covariant density functional theory. Physical Review C, 2012, 85, .	1.1	42
204	Rotational band properties of ^{173}W . Physical Review C, 2012, 86, .	1.1	5
205	Low-energy isovector and isoscalar dipole response in neutron-rich nuclei. Physical Review C, 2012, 85, .	1.1	69
206	Rapid structural change in low-lying states of neutron-rich Sr and Zr isotopes. Physical Review C, 2012, 85, .	1.1	53
207	Density-dependent deformed relativistic Hartree-Bogoliubov theory in continuum. Physical Review C, 2012, 85, .	1.1	48
208	Fine structure of charge-exchange spin-dipole excitations in ^{16}O . Physical Review C, 2012, 85, .	1.1	32
209	Localized form of Fock terms in nuclear covariant density functional theory. Physical Review C, 2012, 86, .	1.1	33
210	Deformed relativistic Hartree-Bogoliubov theory in continuum. Physical Review C, 2012, 85, .	1.1	119
211	Efficient method for computing the Thouless-Valatin inertia parameters. Physical Review C, 2012, 86, .	1.1	24
212	Pair correlation of giant halo nuclei in continuum Skyrme-Hartree-Fock-Bogoliubov theory. Physical Review C, 2012, 86, .	1.1	48
213	Gamow-Teller response within Skyrme random-phase approximation plus particle-vibration coupling. Physical Review C, 2012, 85, .	1.1	58
214	Covariant density functional theory for antimagnetic rotation. Physical Review C, 2012, 85, .	1.1	83
215	BCS-BEC crossover in nuclear matter with the relativistic Hartree-Bogoliubov theory. Physical Review C, 2012, 86, .	1.1	16
216	Self-consistent theory of stellar electron capture rates. Journal of Physics: Conference Series, 2012, 337, 012013.	0.3	0

#	ARTICLE	IF	CITATIONS
217	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
218	Enhanced collectivity in neutron-deficient Sn isotopes in energy functional based collective Hamiltonian. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 470-473.	1.5	39
219	Microscopic description of quantum phase transitions in nuclei. , 2012, , .		0
220	Covariant density functional theory and applications in nuclear physics and r-process. EPJ Web of Conferences, 2012, 38, 02001.	0.1	0
221	Covariant description of shape evolution and shape coexistence in neutron-rich nuclei at. Nuclear Physics A, 2012, 873, 1-16.	0.6	69
222	Storage ring at HIE-ISOLDE. European Physical Journal: Special Topics, 2012, 207, 1-117.	1.2	101
223	Microscopic description of quantum shape fluctuation in C isotopes. Physical Review C, 2011, 84, .	1.1	21
224	Chirality in odd- A Rh isotopes within the triaxial particle rotor model. Physical Review C, 2011, 83, .	1.1	32
225	Energy density functional analysis of shape evolution in $N=28$ isotopes. Physical Review C, 2011, 84, .	1.1	66
226	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
227	Theoretical descriptions of isospin corrections for superallowed β^+ transitions. Journal of Physics: Conference Series, 2011, 321, 012055.	0.3	1
228	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
229	Finite temperature effects on monopole and dipole excitations. Journal of Physics: Conference Series, 2011, 312, 042017.	0.3	1
230	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
231	A new covariant density functional with point-coupling and its application. Journal of Physics: Conference Series, 2011, 321, 012016.	0.3	0
232	Random phase approximation in a self-consistent covariant approach: recent applications. Journal of Physics: Conference Series, 2011, 267, 012042.	0.3	0
233	Impurity effect of Lambda hyperon on collective excitations of nuclear core in ^{25}Mg . Nuclear Physics A, 2011, .	0.6	39
234	The first candidate for chiral nuclei in the ^{80}Br region: ^{80}Br . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 703, 40-45.	1.5	77

#	ARTICLE	IF	CITATIONS
235	Investigation into the rotational bands of ^{185}Pt with the particle-rotor model. Science China: Physics, Mechanics and Astronomy, 2011, 54, 114-118.	2.0	3
236	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
237	g factors of nuclear low-lying states: A covariant description. Science China: Physics, Mechanics and Astronomy, 2011, 54, 198-203.	2.0	7
238	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
239	Optimization of the imaginary time step evolution for the Dirac equation. Science China: Physics, Mechanics and Astronomy, 2011, 54, 231-235.	2.0	5
240	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
241	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
242	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
243	Observation of high-spin oblate band structures in ^{141}Pm . Physical Review C, 2011, 83, .	1.1	9
244	Stellar electron-capture rates calculated with the finite-temperature relativistic random-phase approximation. Physical Review C, 2011, 83, .	1.1	67
245	Persistent contribution of unbound quasiparticles to the pair correlation in the continuum Skyrme-Hartree-Fock-Bogoliubov approach. Physical Review C, 2011, 83, .	1.1	43
246	Antimagnetic Rotation Band in Nuclei: A Microscopic Description. Physical Review Letters, 2011, 107, 122501.	2.9	127
247	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
248	New insight into the shape coexistence and shape evolution of ^{157}Yb . Physical Review C, 2011, 83, .	1.1	9
249	Properties of the rotational bands in ^{161}Er . Physical Review C, 2011, 83, .	1.1	10
250	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
251	Perturbative interpretation of relativistic symmetries in nuclei. Physical Review C, 2011, 83, .	1.1	58
252	Multiple chiral doublet candidate nucleus ^{105}Rh in a relativistic mean-field approach. Physical Review C, 2011, 83, .	1.1	44

#	ARTICLE	IF	CITATIONS
253	Signature inversion in the $7/2^+ [503]$ band of ^{185}Pt . Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 095105.	1.4	3
254	Comparison of the confined \hat{I}^2 -soft rotor model and a microscopic collective Hamiltonian based on the relativistic mean field model in $^{150, 152}\text{Nd}$. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 065102.	1.4	4
255	Tensor Coupling Effects on Spin Symmetry in the Anti-Lambda Spectrum of Hypernuclei. Chinese Physics Letters, 2011, 28, 092101.	1.3	18
256	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
257	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
258	CHIRALITY IN ATOMIC NUCLEUS. International Journal of Modern Physics E, 2011, 20, 341-348.	0.4	5
259	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
260	Covariant Density Functional Theory—highlights on recent progress and applications. , 2011, , .		0
261	PERSONAL VIEW ON NUCLEAR PHYSICS RESEARCH: ... ³ ä°žæ,ç%∞©ç†ç”ç©¶çš,,ä,€ç,¹æ€è€f. , 2011, , .		0
262	UNCERTAINTIES OF TH/EU AND TH/HF CHRONOMETERS FROM NUCLEAR MASSES. , 2011, , .		0
263	ISOSPIN CORRECTIONS FOR SUPERALLOWED \hat{I}^2 TRANSITIONS. , 2011, , .		0
264	SHAPE COEXISTENCE AND SHAPE EVOLUTION IN ^{157}Yb . , 2011, , .		0
265	New aspects of chiral symmetry breaking in atomic nucleus. Journal of Physics: Conference Series, 2010, 205, 012030.	0.3	4
266	Isospin symmetry-breaking corrections for superallowed $\langle i \rangle \hat{I}^2 \langle i \rangle$ decay in relativistic RPA approaches. Journal of Physics: Conference Series, 2010, 205, 012028.	0.3	3
267	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
268	Covariant Density Functional Theory for Nuclear Structure and Application in Astrophysics. Nuclear Physics A, 2010, 834, 436c-439c.	0.6	1
269	Convergence for Imaginary Time Step evolution in the Fermi and Dirac seas. Science China: Physics, Mechanics and Astronomy, 2010, 53, 327-330.	2.0	2
270	Single-particle resonances in a deformed relativistic potential. Science China: Physics, Mechanics and Astronomy, 2010, 53, 773-778.	2.0	12

#	ARTICLE	IF	CITATIONS
271	Single-particle resonances in a deformed relativistic potential. Science Bulletin, 2010, 55, 1698-1698.	1.7	1
272	Relativistic description of BCS \leftrightarrow BEC crossover in nuclear matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 134-139.	1.5	22
273	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
274	Precise measurement of nuclear isomers in the storage ring at GSI. Nuclear Physics A, 2010, 834, 476c-478c.	0.6	22
275	Exotic Magnetic Rotation in ^{22}F . Chinese Physics Letters, 2010, 27, 122101.	1.3	3
276	Octupole degree of freedom for the critical-point candidate nucleus ^{152}Sm in a reflection-symmetric ^{152}Pu nucleus. Physical Review C, 2010, 81, .	1.1	38
277	Octupole degree of freedom for the critical-point candidate nucleus ^{152}Sm in a reflection-symmetric ^{152}Pu nucleus. Physical Review C, 2010, 81, .	1.1	55
278	Microscopic description of spherical to^{13} -soft shape transitions in Ba and Xe nuclei. Physical Review C, 2010, 81, .	1.1	76
279	Nuclear halo structure and pseudospin symmetry. Physical Review C, 2010, 81, .	1.1	75
280	Relativistic Hartree-Fock-Bogoliubov theory with density dependent meson-nucleon couplings. Physical Review C, 2010, 81, .	1.1	96
281	Coexistence of collective and noncollective structures in ^{118}Sn . Physical Review C, 2010, 81, .	1.1	17
282	New parametrization for the nuclear covariant energy density functional with a point-coupling interaction. Physical Review C, 2010, 82, .	1.1	463
283	NUCLEAR EXCITATIONS AND WEAK INTERACTION RATES AT FINITE TEMPERATURE. Modern Physics Letters A, 2010, 25, 1767-1770.	0.5	3
284	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
285	LAMBDA AND ANTI-LAMBDA HYPERNUCLEI IN RELATIVISTIC MEAN-FIELD THEORY. International Journal of Modern Physics E, 2010, 19, 2538-2545.	0.4	18
286	New Band Structures in $A \approx 110$ Neutron-Rich Nuclei. , 2010, , .		0
287	Band properties of the transitional nucleus ^{189}Pt . , 2010, , .		0
288	Spin-isospin resonances with relativistic RPA approaches. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
289	Single-particle resonances in a deformed Dirac equation. Physical Review C, 2010, 81, .	1.1	33
290	Configuration mixing of angular-momentum-projected triaxial relativistic mean-field wave functions. Physical Review C, 2010, 81, .	1.1	163
291	Open problems in understanding the nuclear chirality. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 064025.	1.4	112
292	Neutron halo in deformed nuclei. Physical Review C, 2010, 82, .	1.1	177
293	NUCLEAR STRUCTURE AND ASTROPHYSICS r-PROCESS WITH COVARIANT DENSITY FUNCTIONAL THEORY. , 2010, , .		0
294	Imaginary Time Step Method to Solve the Dirac Equation with Nonlocal Potential. , 2009, , .		0
295	Isospin Corrections for Superallowed \hat{I}^2 -Decay in Self-consistent Relativistic RPA Approach. , 2009, , .		0
296	Influence of nuclear physics inputs and astrophysical conditions on the Th/U chronometer. Physical Review C, 2009, 80, .	1.1	64
297	Microscopic analysis of nuclear quantum phase transitions in the N_{90} region. Physical Review C, 2009, 79, .	1.1	145
298	Microscopic analysis of order parameters in nuclear quantum phase transitions. Physical Review C, 2009, 80, .	1.1	56
299	Candidate multiple chiral doublets nucleus Rh_{106} in a triaxial	1.1	47
300	Examining B_{189} bands. Physical Review C, 2009, 79, .		
301	Three-dimensional angular momentum projection in relativistic mean-field theory. Physical Review C, 2009, 79, .	1.1	91
302	Properties of the rotational bands in the transitional nucleus Pt_{189} . Physical Review C, 2009, 80, .	1.1	26
303	LARGE-SCALE MASS MEASUREMENTS OF SHORT-LIVED NUCLIDES WITH THE ISOCHRONOUS MASS SPECTROMETRY AT GSI. International Journal of Modern Physics E, 2009, 18, 346-351.	0.4	20
304	SIGNATURE SPLITTING IN ^{173}W WITH TRIAXIAL PARTICLE ROTOR MODEL. International Journal of Modern Physics E, 2009, 18, 109-122.	0.4	11
305	A spherical-box approach for resonances in the presence of the Coulomb interaction. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 245001.	0.6	19
306	Magnetic moments of ^{33}Mg in the time-odd relativistic mean field approach. Science in China Series G: Physics, Mechanics and Astronomy, 2009, 52, 1586-1592.	0.2	20

#	ARTICLE	IF	CITATIONS
307	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
308	Non-local mean field effect on nuclei near $Z=64$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 428-431.	1.5	58
309	Low-energy monopole and dipole response in nuclei at finite temperature. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 315-319.	1.5	41
310	Isospin corrections for superallowed Fermi β^+ decay in self-consistent relativistic random-phase approximation approaches. Physical Review C, 2009, 79, .	1.1	112
311	Isoscalar and Isovector Splitting of Pygmy Dipole Structures. Physical Review Letters, 2009, 103, 032502.	2.9	67
312	Beyond the relativistic mean-field approximation. III. Collective Hamiltonian in five dimensions. Physical Review C, 2009, 79, .	1.1	162
313	Analysis of Nuclear Quantum Phase Transitions. , 2009, , .		3
314	Relativistic Random Phase Approximation At Finite Temperature. , 2009, , .		0
315	LAMBDA AND ANTI-LAMBDA HYPERNUCLEI IN RELATIVISTIC MEAN-FIELD THEORY. , 2009, , .		0
316	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
317	Covariant density functional theory for magnetic rotation. Physical Review C, 2008, 78, .	1.1	99
318	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
319	Real stabilization method for nuclear single-particle resonances. Physical Review C, 2008, 77, .	1.1	56
320	Effects of triaxial deformation and pairing correlation on the proton emitter ^{145}Tm . Physical Review C, 2008, 77, .	1.1	14
321	PAIRING PROPERTIES OF SYMMETRIC NUCLEAR MATTER IN RELATIVISTIC MEAN FIELD THEORY. International Journal of Modern Physics E, 2008, 17, 1441-1452.	0.4	6
322	CHIRAL SYMMETRY IN ATOMIC NUCLEI. Modern Physics Letters A, 2008, 23, 2560-2567.	0.5	26
323	Shape Evolution of C Isotopes in (\hat{I}^2, \hat{I}^3) Deformation Plane. Progress of Theoretical Physics, 2008, 120, 129-142.	2.0	10
324	Evolution of nuclear shell structure due to the pion exchange potential. Europhysics Letters, 2008, 82, 12001.	0.7	106

#	ARTICLE	IF	CITATIONS
325	Application of the relativistic mean-field mass model to the r -process and the influence of mass uncertainties. Physical Review C, 2008, 78, .	1.1	77
326	Neutron star properties in density-dependent relativistic Hartree-Fock theory. Physical Review C, 2008, 78, .	1.1	66
327	Description of $\tilde{\epsilon}$ bands in high-spin states in ^{108}Yb . Physical Review C, 2008, 77, .	1.1	48
328	Energy-dependent Lorentz covariant parameterization of the ^{108}Yb interaction between 50 and 200 MeV. Physical Review C, 2008, 77, .	1.1	13
329	Microscopic linear response calculations based on the Skyrme functional plus the pairing contribution. Physical Review C, 2008, 78, .	1.1	7
330	Search for multiple chiral doublets in rhodium isotopes. Physical Review C, 2008, 77, .	1.1	66
331	Identification of pseudospin partner bands in ^{108}Tc . Physical Review C, 2008, 78, .	1.1	31
332	Spin-Isospin Resonances: A Self-Consistent Covariant Description. Physical Review Letters, 2008, 101, 122502.	2.9	128
333	DEFORMED RELATIVISTIC HARTREE-BOGOLIUBOV MODEL FOR EXOTIC NUCLEI. , 2008, , .		6
334	PION- AND RHO-MESON EFFECTS IN RELATIVISTIC HARTREE-FOCK AND RPA. , 2008, , .		0
335	CHIRAL BANDS FOR QUASI-PROTON AND QUASI-NEUTRON COUPLING WITH A TRIAXIAL ROTOR. , 2008, , .		0
336	MICROSCOPIC CALCULATIONS BASED ON A SKYRME FUNCTIONAL PLUS THE PAIRING CONTRIBUTION. , 2008, , .		0
337	PION-INDUCED INTERACTION AND SINGLE-PARTICLE SPECTRA IN RELATIVISTIC HARTREE-FOCK. , 2008, , .		0
338	Chiral bands for a quasi-proton and quasi-neutron coupled with a triaxial rotor. Physical Review C, 2007, 75, .	1.1	105
339	Shell structure and \tilde{t} tensor correlations in density dependent relativistic Hartree-Fock theory. Physical Review C, 2007, 76, .	1.1	168
340	Binding energy differences of mirror nuclei in a time-odd triaxial relativistic mean field approach. Physical Review C, 2007, 76, .	1.1	11
341	Doublet bands in ^{126}Cs in the triaxial rotor model coupled with two quasiparticles. Physical Review C, 2007, 75, .	1.1	59
342			

#	ARTICLE	IF	CITATIONS
343	Neutron skin deduced from antiprotonic atom data. <i>Physical Review C</i> , 2007, 76, .	1.1	80
344	Constrained relativistic mean-field approach with fixed configurations. <i>European Physical Journal A</i> , 2007, 31, 273-278.	1.0	10
345	Discovery of a new long-lived isomeric state in ^{125}Ce . <i>European Physical Journal A</i> , 2007, 31, 393-394.	1.0	41
346	Relativistic wave functions for single-proton resonant states. <i>European Physical Journal A</i> , 2007, 32, 43-49.	1.0	17
347	Structure of nuclei far from the stability in relativistic approach. <i>European Physical Journal: Special Topics</i> , 2007, 150, 139-144.	1.2	0
348	Toward a deformed relativistic Hartree Bogoliubov model for exotic nuclei. <i>AIP Conference Proceedings</i> , 2006, , .	0.3	9
349	Nuclear symmetry energy in relativistic mean field theory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 633, 231-236.	1.5	10
350	Pseudo-spin symmetry in density-dependent relativistic Hartree-Fock theory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 639, 242-247.	1.5	66
351	Density-dependent relativistic Hartree-Fock approach. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 640, 150-154.	1.5	205
352	Relativistic continuum Hartree Bogoliubov theory for ground-state properties of exotic nuclei. <i>Progress in Particle and Nuclear Physics</i> , 2006, 57, 470-563.	5.6	845
353	Test of spin symmetry in anti-nucleon spectra. <i>European Physical Journal A</i> , 2006, 28, 265-269.	1.0	61
354	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
355	Time-odd triaxial relativistic mean field approach for nuclear magnetic moments. <i>Physical Review C</i> , 2006, 74, .	1.1	60
356	Possible existence of multiple chiral doublets in ^{106}Rh . <i>Physical Review C</i> , 2006, 73, .	1.1	221
357	Giant halos in relativistic and nonrelativistic approaches. <i>Physical Review C</i> , 2006, 74, .	1.1	28
358	RECENT PROGRESS IN RELATIVISTIC MANY-BODY APPROACH. <i>International Journal of Modern Physics E</i> , 2006, 15, 1447-1464.	0.4	3
359	COMPARISON OF RELATIVISTIC AND NON-RELATIVISTIC APPROACHES IN HALO. <i>International Journal of Modern Physics E</i> , 2006, 15, 1833-1841.	0.4	1
360	MIRROR NUCLEI ^{12}B AND ^{12}N IN TIME-ODD TRIAXIAL RELATIVISTIC MEAN FIELD THEORY. <i>International Journal of Modern Physics E</i> , 2006, 15, 1513-1521.	0.4	0

#	ARTICLE	IF	CITATIONS
361	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
362	Magic numbers for superheavy nuclei in relativistic continuum Hartree-Bogoliubov theory. Nuclear Physics A, 2005, 753, 106-135.	0.6	135
363	Rotational damping in a multi-j shell particles-rotor model. Nuclear Physics A, 2005, 753, 136-151.	0.6	2
364	Shape evolution for Sm isotopes in relativistic mean-field theory. European Physical Journal A, 2005, 25, 23-27.	1.0	72
365	Search for the chiral doublet bands in ^{122}Cs . Journal of Physics G: Nuclear and Particle Physics, 2005, 31, B1-B6.	1.4	23
366	Shape Coexistence for ^{179}Hg in Relativistic Mean-Field Theory. Communications in Theoretical Physics, 2005, 44, 675-678.	1.1	1
367	High-spin states in ^{152}Gd . Physical Review C, 2005, 72, .	1.1	11
368	Sensitivity of neutron radii in ^{208}Pb nucleus and a neutron star to nucleon- \tilde{f} - \tilde{f} coupling corrections in relativistic mean field theory. Physical Review C, 2005, 71, .	1.1	6
369	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
370	NEW INTERACTIONS, EXOTIC PHENOMENA AND SPIN SYMMETRY FOR ANTI-NUCLEON SPECTRUM IN RELATIVISTIC APPROACH. , 2005, , .		0
371	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
372	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
373	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
374	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
375	Relativistic description of exotic nuclei and nuclear matter at extreme conditions. Physics of Atomic Nuclei, 2004, 67, 1619-1626.	0.1	2
376	Proton and neutron skins of light nuclei within the relativistic mean field theory. Nuclear Physics A, 2004, 730, 80-94.	0.6	39
377	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
378	Test of pseudospin symmetry in deformed nuclei. Physical Review C, 2004, 69, .	1.1	99

#	ARTICLE	IF	CITATIONS
379	Analytic continuation of single-particle resonance energy and wave function in relativistic mean field theory. <i>Physical Review C</i> , 2004, 70, .	1.1	65
380	Neutron halos in hypernuclei. <i>European Physical Journal A</i> , 2003, 17, 19-24.	1.0	47
381	Giant, hyperon, and deformed halos near the particle drip line. <i>Nuclear Physics A</i> , 2003, 722, C366-C371.	0.6	12
382	$\hat{\pm}$ -decay chains of ^{115}D and ^{117}D in the relativistic mean field theory. <i>Physical Review C</i> , 2003, 68, .	1.1	29
383	Spherical relativistic Hartree theory in a Woods-Saxon basis. <i>Physical Review C</i> , 2003, 68, .	1.1	158
384	Spin Symmetry in the Antinucleon Spectrum. <i>Physical Review Letters</i> , 2003, 91, 262501.	2.9	215
385	Description of chiral doublets in ^{130}D nuclei and the possible chiral doublets in ^{100}D nuclei. <i>Physical Review C</i> , 2003, 68, .	1.1	113
386	Relativistic Mean Field Theory for Deformed Nuclei with Pairing Correlations. <i>Progress of Theoretical Physics</i> , 2003, 110, 921-936.	2.0	64
387	Structure of the new nuclide ^{259}D and its $\hat{\pm}$ -decay daughter nuclei. <i>Physical Review C</i> , 2002, 65, .	1.1	35
388	Giant halo at the neutron drip line in Ca isotopes in relativistic continuum Hartree-Bogoliubov theory. <i>Physical Review C</i> , 2002, 65, .	1.1	146
389	Isospin and $Z^{1/3}$ -dependence of the nuclear charge radii. <i>European Physical Journal A</i> , 2002, 13, 285-289.	1.0	32
390	The relativistic continuum Hartree-Bogoliubov description of charge-changing cross section for C, N, O and F isotopes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 532, 209-214.	1.5	54
391	Describing neutron stars by the relativistic mean field theory. <i>Chinese Astronomy and Astrophysics</i> , 2002, 26, 404-413.	0.1	1
392	Nuclear chaotic behavior in particles-rotor model and cranking model. <i>AIP Conference Proceedings</i> , 2001, , .	0.3	0
393	The Particles in Classically Forbidden Area for Exotic Nuclei in Ca Isotopes. <i>Communications in Theoretical Physics</i> , 2000, 34, 281-288.	1.1	2
394	Relativistic mean field description for the shears band mechanism in ^{84}Rb . <i>Physical Review C</i> , 2000, 62, .	1.1	80
395	Particles in classically forbidden areas, neutron skin and halo, and pure neutron matter in Ca isotopes. <i>Physical Review C</i> , 2000, 61, .	1.1	17
396	Structure of superheavy elements suggested in the reaction of ^{86}Kr with ^{208}Pb . <i>Physical Review C</i> , 2000, 61, .	1.1	23

#	ARTICLE	IF	CITATIONS
397	Single-particle and collective motion for proton-rich nuclei in the upperpfshell. Physical Review C, 2000, 62, .	1.1	38
398	The pseudo-spin symmetry in a Dirac equation. Journal of Physics G: Nuclear and Particle Physics, 1999, 25, 811-813.	1.4	16
399	Relativistic continuum Hartree-Bogoliubov theory for halos and development of halos. Nuclear Physics A, 1999, 654, 702c-705c.	0.6	4
400	The surface diffuseness and the spin-orbital splitting in relativistic continuum Hartree-Bogoliubov theory. Nuclear Physics A, 1999, 650, 176-196.	0.6	40
401	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
402	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
403	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
404	Pseudospin symmetry in relativistic mean field theory. Physical Review C, 1998, 58, R628-R631.	1.1	334
405	Pairing interaction in exotic nuclei: Finite range or zero range?. Physical Review C, 1998, 57, 1229-1232.	1.1	40
406	Giant Halo at the Neutron Drip Line. Physical Review Letters, 1998, 80, 460-463.	2.9	279
407	Relativistic mean field theory and applications in finite nuclei. , 1997, , 274-288.		1
408	Relativistic Hartree-Bogoliubov description of the lithium isotopes. Zeitschrift für Physik A, 1997, 358, 123-124.	0.9	14
409	Tilted rotation of triaxial nuclei. Nuclear Physics A, 1997, 617, 131-147.	0.6	444
410	Relativistic Hartree-Bogoliubov Description of the Neutron Halo in ^{11}Li . Physical Review Letters, 1996, 77, 3963-3966.	2.9	376
411	Interpretation and quality of the tilted axis cranking approximation. Zeitschrift für Physik A, 1996, 356, 263-279.	0.9	68
412	Can hexadecapole deformation lead to $\hat{\pi}^2 = 2$ staggering in superdeformed bands?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 387, 667-672.	1.5	29
413	"Shears bands" in Pb nuclei – a new nuclear structure effect. Physica Scripta, 1995, T56, 44-46.	1.2	2
414	Lifetimes of shears bands in ^{199}Pb . Nuclear Physics A, 1995, 595, 499-512.	0.6	50

#	ARTICLE	IF	CITATIONS
415	QCD Interaction in Pion-Nucleus DCX Reaction. Communications in Theoretical Physics, 1994, 22, 331-336.	1.1	0
416	Identical Superdeformed Bands and Quantized Spin Alignments in A ~ 190 Region. Communications in Theoretical Physics, 1992, 18, 179-184.	1.1	0
417	Spin determination and calculation of nuclear superdeformed bands in A ~ 190 region. Physical Review C, 1992, 45, 261-274.	1.1	64
418	Spin determination and quantized alignment in the superdeformed bands in Dy152, Tb151, and Gd150. Physical Review C, 1991, 44, R1745-R1748.	1.1	71
419	Deviation of the SUq(2) prediction from observations in even-even deformed nuclei. Physical Review C, 1991, 44, 2545-2551.	1.1	17
420	Interpretation and quality of the tilted axis cranking approximation. Zeitschrift für Physik A, 1987, 356, 263-279.	0.9	13