J Meng

List of Publications by Year
in descending order

445	18,483	13818 67	19633 118
papers	citations	h-index	g-index

448	448	448	5329
all docs	docs citations	times ranked	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.	14.9	873
2	New parametrization for the nuclear covariant energy density functional with a point-coupling interaction. Physical Review C, 2010, 82, .	2.9	490
3	Tilted rotation of triaxial nuclei. Nuclear Physics A, 1997, 617, 131-147.	1.6	454
4	Surface diffuseness correction in global mass formula. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 734, 215-219.	4.1	409
5	Relativistic Hartree-Bogoliubov Description of the Neutron Halo in11Li. Physical Review Letters, 1996, 77, 3963-3966.	8.0	390
6	New effective interactions in relativistic mean field theory with nonlinear terms and density-dependent meson-nucleon coupling. Physical Review C, 2004, 69, .	2.9	364
7	Pseudospin symmetry in relativistic mean field theory. Physical Review C, 1998, 58, R628-R631.	2.9	340
8	Giant Halo at the Neutron Drip Line. Physical Review Letters, 1998, 80, 460-463.	8.0	282
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.	2.9	270
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.	1.6	260
11	Hidden pseudospin and spin symmetries and their origins in atomic nuclei. Physics Reports, 2015, 570, 1-84.	26.1	253
12	Possible existence of multiple chiral doublets inRh106. Physical Review C, 2006, 73, .	2.9	225
13	Spin Symmetry in the Antinucleon Spectrum. Physical Review Letters, 2003, 91, 262501.	8.0	219
14	Density-dependent relativistic Hartreeâ€“Fock approach. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 640, 150-154.	4.1	208
15	Masses, Deformations and Charge Radii--Nuclear Ground-State Properties in the Relativistic Mean Field Model. Progress of Theoretical Physics, 2005, 113, 785-800.	2.1	193
16	Neutron halo in deformed nuclei. Physical Review C, 2010, 82, .	2.9	190
17	Progress on tilted axis cranking covariant density functional theory for nuclear magnetic and antimagnetic rotation. Frontiers of Physics, 2013, 8, 55-79.	5.3	184
18	Spherical relativistic Hartree theory in a Woods-Saxon basis. Physical Review C, 2003, 68, .	2.9	170

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19	Shell structure and Ï•tensor correlations in density dependent relativistic Hartree-Fock theory. Physical Review C, 2007, 76, .	2.9	170
20	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.	3.5	170
21	Configuration mixing of angular-momentum-projected triaxial relativistic mean-field wave functions. Physical Review C, 2010, 81, .	2.9	169
22	Beyond the relativistic mean-field approximation. III. Collective Hamiltonian in five dimensions. Physical Review C, 2009, 79, .	2.9	165
23	The limits of the nuclear landscape explored by the relativistic continuum Hartreeâ€“Bogoliubov theory. Atomic Data and Nuclear Data Tables, 2018, 121-122, 1-215.	2.7	164
24	Giant halo at the neutron drip line in Ca isotopes in relativistic continuum Hartree-Bogoliubov theory. Physical Review C, 2002, 65, .	2.9	150
25	Microscopic analysis of nuclear quantum phase transitions in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="bold-italic">N</mml:mi><mml:mo>â‰ˆ</mml:mo><mml:mn>90</mml:mn></mml:mrow></mml:math>region. Physical Review C, 2009, 79, .	2.9	145
26	Magic numbers for superheavy nuclei in relativistic continuum Hartreeâ€“Bogoliubov theory. Nuclear Physics A, 2005, 753, 106-135.	1.6	140
27	Novel structure for magnetic rotation bands in 60Ni. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 181-186.	4.1	140
28	Î²-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.	4.1	135
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.	1.6	134
30	Antimagnetic Rotation Band in Nuclei: A Microscopic Description. Physical Review Letters, 2011, 107, 122501.	8.0	132
31	Deformed relativistic Hartree-Bogoliubov theory in continuum. Physical Review C, 2012, 85, .	2.9	132
32	Spin-Isospin Resonances: A Self-Consistent Covariant Description. Physical Review Letters, 2008, 101, 122502.	8.0	130
33	Systematic study of nuclear matrix elements in neutrinoless double-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math>decay with a beyond-mean-field covariant density functional theory. Physical Review C, 2015, 91, .	2.9	124
34	Chirality in odd-A nucleus 135Nd in particle rotor model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 675, 175-180.	4.1	117
35	Description of chiral doublets inAâ¼130nuclei and the possible chiral doublets inAâ¼100nuclei. Physical Review C, 2003, 68, .	2.9	116
36	Isospin corrections for superallowed Fermi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î²</mml:mi></mml:mrow></mml:math>decay in self-consistent relativistic random-phase approximation approaches. Physical Review C, 2009, 79, .	2.9	114

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37	Open problems in understanding the nuclear chirality. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 064025.	3.5	114
38	Chiral bands for a quasi-proton and quasi-neutron coupled with a triaxial rotor. Physical Review C, 2007, 75, .	2.9	109
39	Evolution of nuclear shell structure due to the pion exchange potential. Europhysics Letters, 2008, 82, 12001.	2.0	108
40	Storage ring at HIE-ISOLDE. European Physical Journal: Special Topics, 2012, 207, 1-117.	2.6	103
41	Covariant density functional theory for magnetic rotation. Physical Review C, 2008, 78, .	2.9	102
42	Test of pseudospin symmetry in deformed nuclei. Physical Review C, 2004, 69, .	2.9	101
43	Relativistic Hartree-Fock-Bogoliubov theory with density dependent meson-nucleon couplings. Physical Review C, 2010, 81, .	2.9	97
44	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, .	2.9	93
45	Three-dimensional angular momentum projection in relativistic mean-field theory. Physical Review C, 2009, 79, .	2.9	92
46	Evidence for Multiple Chiral Doublet Bands in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Ce</mml:mi><mml:mprescripts /><mml:none /><mml:mn>133</mml:mn></mml:mmultiscripts></mml:math>. Physical Review Letters, 2013, 110, 172504.	8.0	92
47	Evidence for Octupole Correlations in Multiple Chiral Doublet Bands. Physical Review Letters, 2016, 116, 112501.	8.0	92
48	Covariant density functional theory for antimagnetic rotation. Physical Review C, 2012, 85, .	2.9	87
49	Microscopic benchmark study of triaxiality in low-lying states of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow /><mml:mn>76</mml:mn></mml:msup><mml:mi>Kr</mml:mi></mml:math>. Physical Review C, 2014, 89, .	2.9	87
50	Towards an ab initio covariant density functional theory for nuclear structure. Progress in Particle and Nuclear Physics, 2019, 109, 103713.	14.9	87
51	Rod-shaped Nuclei at Extreme Spin and Isospin. Physical Review Letters, 2015, 115, 022501.	8.0	86
52	Nuclear mass table in deformed relativistic Hartreeâ€“Bogoliubov theory in continuum, I: Evenâ€“even nuclei. Atomic Data and Nuclear Data Tables, 2022, 144, 101488.	2.7	86
53	Neutron skin deduced from antiprotonic atom data. Physical Review C, 2007, 76, .	2.9	83
54	Multiple Chiral Doublet Bands of Identical Configuration in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Rh</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>103</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>. Physical Review Letters, 2014, 113, 032501.	8.0	83

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55	Relativistic mean field description for the shears band mechanism in84Rb. Physical Review C, 2000, 62, .	2.9	82
56	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.	4.8	82
57	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.	4.1	80
58	The first candidate for chiral nuclei in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>A</mml:mi><mml:mo>â^¼</mml:mo><mml:mn>80</mml:mn></mml:math> mass region: 80Br. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 703, 40-45.	4.1	80
59	Application of the relativistic mean-field mass model to the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>r</mml:mi></mml:mrow></mml:math>-process and the influence of mass uncertainties. Physical Review C, 2008, 78, .	2.9	78
60	Microscopic description of spherical toÎ³-soft shape transitions in Ba and Xe nuclei. Physical Review C, 2010, 81, .	2.9	77
61	Nuclear halo structure and pseudospin symmetry. Physical Review C, 2010, 81, .	2.9	77
62	Shape evolution for Sm isotopes in relativistic mean-field theory. European Physical Journal A, 2005, 25, 23-27.	2.5	73
63	Covariant description of shape evolution and shape coexistence in neutron-rich nuclei at. Nuclear Physics A, 2012, 873, 1-16.	1.6	72
64	Spin determination and quantized alignment in the superdeformed bands inDy152,Tb151, andGd150. Physical Review C, 1991, 44, R1745-R1748.	2.9	71
65	Low-energy isovector and isoscalar dipole response in neutron-rich nuclei. Physical Review C, 2012, 85, .	2.9	70
66	Isoscalar and Isovector Splitting of Pygmy Dipole Structures. Physical Review Letters, 2009, 103, 032502.	8.0	69
67	Beyond relativistic mean-field studies of low-lying states in neutron-deficient krypton isotopes. Physical Review C, 2013, 87, .	2.9	69
68	Interpretation and quality of the tilted axis cranking approximation. Zeitschrift FÃ¼r Physik A, 1996, 356, 263-279.	0.8	68
69	Relativistic Mean Field Theory for Deformed Nuclei with Pairing Correlations. Progress of Theoretical Physics, 2003, 110, 921-936.	2.1	68
70	Neutron star properties in density-dependent relativistic Hartree-Fock theory. Physical Review C, 2008, 78, .	2.9	68
71	Nuclear chiral and magnetic rotation in covariant density functional theory. Physica Scripta, 2016, 91, 053008.	2.5	68
72	Pseudo-spin symmetry in density-dependent relativistic Hartreeâ€“Fock theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 639, 242-247.	4.1	67

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73	Search for multiple chiral doublets in rhodium isotopes. Physical Review C, 2008, 77, .	2.9	67
74	Stellar electron-capture rates calculated with the finite-temperature relativistic random-phase approximation. Physical Review C, 2011, 83, .	2.9	67
75	Spin determination and calculation of nuclear superdeformed bands inAâˆ¼190 region. Physical Review C, 1992, 45, 261-274.	2.9	66
76	Analytic continuation of single-particle resonance energy and wave function in relativistic mean field theory. Physical Review C, 2004, 70, .	2.9	66
77	Energy density functional analysis of shape evolution in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>28</mml:mn></mml:mrow></mml:math>isotone Physical Review C, 2011, 84, .	2.9	66
78	Nuclear matrix element of neutrinoless double-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math>decay: Relativity and short-range correlations. Physical Review C, 2017, 95, .	2.9	66
79	Influence of nuclear physics inputs and astrophysical conditions on the Th/U chronometer. Physical Review C, 2009, 80, .	2.9	64
80	Examining<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>B</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>M</mml:mi><mml:mn>1</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457 Td (str bands. Physical Review C, 2009, 79, .	2.9	64
81	Self-consistent relativistic quasiparticle random-phase approximation and its applications to charge-exchange excitations. Physical Review C, 2017, 95, .	2.9	64
82	Deformed relativistic Hartree-Bogoliubov theory in continuum with a point-coupling functional: Examples of even-even Nd isotopes. Physical Review C, 2020, 102, .	2.9	63
83	Test of spin symmetry in anti-nucleon spectra. European Physical Journal A, 2006, 28, 265-269.	2.5	62
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.	4.1	62
85	Relativistic description of nuclear matrix elements in neutrinoless double-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math>decay. Physical Review C, 2014, 90, .	2.9	62
86	Time-odd triaxial relativistic mean field approach for nuclear magnetic moments. Physical Review C, 2006, 74, .	2.9	61
87	Doublet bands inCs126in the triaxial rotor model coupled with two quasiparticles. Physical Review C, 2007, 75, .	2.9	61
88	Non-local mean field effect on nuclei near <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>Z</mml:mi><mml:mo>=</mml:mo><mml:mn>64</mml:mn></mml:math> sub-shell. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 428-431.	4.1	60
89	Spin symmetry in Dirac negative-energy spectrum in density-dependent relativistic Hartree-Fock theory. European Physical Journal A, 2010, 44, 119-124.	2.5	60
90	Resolution of Chiral Conundrum in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Ag</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>106</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>: Doppler-Shift Lifetime Investigation. Physical Review Letters, 2014, 112, .	8.0	60

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91	Microscopic linear response calculations based on the Skyrme functional plus the pairing contribution. Physical Review C, 2008, 78, .	2.9	59
92	Gamow-Teller response within Skyrme random-phase approximation plus particle-vibration coupling. Physical Review C, 2012, 85, .	2.9	59
93	Real stabilization method for nuclear single-particle resonances. Physical Review C, 2008, 77, .	2.9	58
94	Microscopic analysis of order parameters in nuclear quantum phase transitions. Physical Review C, 2009, 80, .	2.9	58
95	Relativistic energy density functionals: Low-energy collective states of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Pu</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>240</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Er</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>166</mml:mn></mml:	2.9	58
96	Perturbative interpretation of relativistic symmetries in nuclei. Physical Review C, 2011, 83, .	2.9	58
97	Direct measurement of the 4.6 MeV isomer in stored bare 133Sb ions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 688, 294-297.	4.1	57
98	Pseudospin symmetry in supersymmetric quantum mechanics: SchrÃ¶dinger equations. Physical Review C, 2013, 87, .	2.9	57
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, .	2.9	57
100	Rapid structural change in low-lying states of neutron-rich Sr and Zr isotopes. Physical Review C, 2012, 85, .	2.9	56
101	Global dynamical correlation energies in covariant density functional theory: Cranking approximation. Frontiers of Physics, 2014, 9, 529-536.	5.3	56
102	The relativistic continuum Hartreeâ€“Bogoliubov description of charge-changing cross section for C, N, O andÂF isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 532, 209-214.	4.1	55
103	Lateral graphene pâ€“n junctions formed by the graphene/MoS₂hybrid interface. Nanoscale, 2015, 7, 11611-11619.	5.8	53
104	Leading order relativistic chiral nucleon-nucleon interaction. Chinese Physics C, 2018, 42, 014103.	3.6	53
105	Lifetimes of shears bands in 199Pb. Nuclear Physics A, 1995, 595, 499-512.	1.6	51
106	Odd Systems in Deformed Relativistic Hartree Bogoliubov Theory in Continuum. Chinese Physics Letters, 2012, 29, 042101.	3.4	51
107	Density-dependent deformed relativistic Hartree-Bogoliubov theory in continuum. Physical Review C, 2012, 85, .	2.9	51
108	Evidence of chiral bands in even-even nuclei. Physical Review C, 2018, 97, .	2.9	51

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109	Density dependencies of interaction strengths and their influences on nuclear matter and neutron stars in relativistic mean field theory. Physical Review C, 2004, 69, .	2.9	50
110	Description of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Ï€</mml:mi><mml:msub><mml:mi>g</mml:mi><mml:mrow><mml:mn>9</mml:mn><mml:mo> bands in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts>. Physical Review C, 2008, 77, .	2.9	50
111	Pair correlation of giant halo nuclei in continuum Skyrme-Hartree-Fock-Bogoliubov theory. Physical Review C, 2012, 86, .	2.9	50
112	Scalar strangeness content of the nucleon and baryon sigma terms. Physical Review D, 2015, 91, .	4.8	50
113	Mean-field approaches for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mi mathvariant="normal">Îž<mml:mo>â^'</mml:mo></mml:msup></mml:math> hypernuclei and current experimental data. Physical Review C, 2016, 94, .	2.9	50
114	Candidate multiple chiral doublets nucleus<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Rh</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>106</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>in a triaxial relativistic mean-field approach with time-odd fields. Physical Review C, 2009, 79, .	2.9	48
115	Pairing transitions in finite-temperature relativistic Hartree-Bogoliubov theory. Physical Review C, 2013, 88, .	2.9	48
116	Experimental Evidence for Transverse Wobbling in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Pd</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>105</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>. Physical Review Letters, 2019, 122, 062501.	8.6	48
117	Neutron halos in hypernuclei. European Physical Journal A, 2003, 17, 19-24.	2.5	47
118	Vertical graphene spin valve with Ohmic contacts. Nanoscale, 2013, 5, 8894.	5.8	47
119	Fully self-consistent relativistic Brueckner-Hartree-Fock theory for finite nuclei. Physical Review C, 2017, 96, .	2.9	47
120	Crucial test for covariant density functional theory with new and accurate mass measurements from Sn to Pa. Physical Review C, 2012, 86, .	2.9	46
121	Rotational properties of the superheavy nucleus<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>256</mml:mn></mml:msup></mml:math>Rf and its neighboring even-even nuclei in a particle-number-conserving cranked shell model. Physical Review C, 2013, 87, .	2.9	46
122	Collective Hamiltonian for chiral modes. Physical Review C, 2013, 87, .	2.9	45
123	Impact of pairing correlations on the orientation of the nuclear spin. Physical Review C, 2015, 92, .	2.9	45
124	Multiple chiral doublet candidate nucleus<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Rh</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>105</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>in a relativistic mean-field approach. Physical Review C, 2011, 83, .	2.9	44
125	Shell-model-like Approach (SLAP) for the Nuclear Properties in Relativistic Mean Field Theory. Frontiers of Physics in China, 2006, 1, 38-46.	1.0	43
126	Octupole degree of freedom for the critical-point candidate nucleus<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Sm</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>152</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>in a reflection-asymmetric relativistic mean-field approach. Physical Review C, 2010, 81, .	2.9	43

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127	Persistent contribution of unbound quasiparticles to the pair correlation in the continuum Skyrme-Hartree-Fock-Bogoliubov approach. Physical Review C, 2011, 83, .	2.9	43
128	Magnetic rotation and quasicollective structures in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>58</mml:mn></mml:msup></mml:math>Fe: Influence of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î½</mml:mi><mml:msub><mml:mi>g</mml:mi><mml:mrow><mml:mn>9</mml:mn><mml:mo	2.9	43
129	Magnetic rotations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>198</mml:mn></mml:msup></mml:math>Pb and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>199</mml:mn></mml:msup></mml:math>Pb within covariant density functional theory. Physical Review C, 2012, 85, .	2.9	43
130	Feasibility of the finite-amplitude method in covariant density functional theory. Physical Review C, 2013, 87, .	2.9	43
131	Pseudospin symmetry in supersymmetric quantum mechanics. II. Spin-orbit effects. Physical Review C, 2013, 88, .	2.9	43
132	Multiple chiral doublets in four-j shells particle rotor model: Five possible chiral doublets in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msubsup><mml:mrow/><mml:mrow><mml:mspace width="0.25em"/><mml:mn>60</mml:mn></mml:mrow><mml:mrow><mml:mn>136</mml:mn></mml:mrow></mml:msubsup></mml:m	4.1	43
133	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 744-749. Discovery of a new long-lived isomeric state in 125Ce. European Physical Journal A, 2007, 31, 393-394.	2.5	42
134	Anatomy of molecular structures in 20 Ne. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 227-231.	4.1	42
135	The surface diffuseness and the spin-orbital splitting in relativistic continuum Hartree-Bogoliubov theory. Nuclear Physics A, 1999, 650, 176-196.	1.6	41
136	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.	4.1	41
137	Reexamining the temperature and neutron density conditions for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>r</mml:mi></mml:math>-process nucleosynthesis with augmented nuclear mass models. Physical Review C, 2013, 87, .	2.9	41
138	Stability of the linear chain structure for 12C in covariant density functional theory on a 3D lattice. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.4	41
139	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, .	2.9	41
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