

Furong Xu

List of Publications by Year in descending order

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papers

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391
all docs

391
docs citations

391
times ranked

2339
citing authors

#	ARTICLE	IF	CITATIONS
1	Studies of Deformed Halo Structures of ^{39}Na and ^{42}Mg . <i>Symmetry</i> , 2022, 14, 215.	1.1	2
2	The roles of three-nucleon force and continuum coupling in mirror symmetry breaking of oxygen mass region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 827, 136958.	1.5	12
3	Nuclear spectroscopy with heavy ion nucleon knockout and (p,2p) reactions. <i>Physical Review C</i> , 2022, 105, .	1.1	5
4	Deformed in-medium similarity renormalization group. <i>Physical Review C</i> , 2022, 105, . Direct observation of the exotic ^2H decay mode in the ^6Li nucleus	1.1	8
5	Quasifree Neutron Knockout Reaction Reveals a Small s -Orbital Component in the Borromean Nucleus	2.9	42
6	Observation of the ^6Li resonance in ^6Li nucleus	1.1	12
7	Unbound spectra of neutron-rich oxygen isotopes predicted by the Gamow shell model. <i>Physical Review C</i> , 2021, 103, . Breton decays in ^{16}O and ^{18}O	1.1	14
8	Realistic Shell Model with Chiral Interaction and Its Application to Drip-Line Predictions. <i>Few-Body Systems</i> , 2021, 62, 1.	1.1	10
9	First observation of collective rotational bands in neutron-rich ^{142}La and the study of octupole/triaxial deformations in $^{142,143}\text{La}$. <i>International Journal of Modern Physics E</i> , 2021, 30, 2150037.	0.4	0
10	Reexamining the variational two-particle reduced density matrix for nuclear systems. <i>Physical Review C</i> , 2021, 103, .	1.1	1
11	Tensor force role in ^2H decays analyzed within the Gogny-interaction shell model. <i>Physical Review C</i> , 2021, 103, .	1.1	3
12	Resonances of ^4He isospin triplet states within the <i>ab initio</i> no-core Gamow shell model. <i>Physical Review C</i> , 2021, 104, .	1.1	14
13	Recent Progress in Gamow Shell Model Calculations of Drip Line Nuclei. <i>Physics</i> , 2021, 3, 977-997.	0.5	7
14	Shell-model study of titanium isotopic chain with chiral two- and three-body forces. <i>Physical Review C</i> , 2021, 104, .	1.1	7
15	Chiral vibrations and collective bands in ^{104}Mo and ^{106}Mo	1.1	5
16	An <i>ab-initio</i> Gamow shell model approach with a core. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 802, 135206.	1.5	23

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19	New transitions and levels for Tb obtained from \hat{I}^2 -decay studies. <i>Physical Review C</i> , 2020, 102, .	1.1	0
20	Continuum and three-nucleon force in Borromean system: The ^{17}Ne case. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 808, 135673.	1.5	15
21	Isomeric and \hat{I}^2 -decay spectroscopy of $Ho^{173,174}$. <i>Physical Review C</i> , 2020, 102, .	1.1	2
22	Temporal Association between Abdominal Weight Status and Healthy Aging: Findings from the 2011–2018 National Health and Aging Trends Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5656.	1.2	0
23	Relationships of Physical Activity and Diet Quality with Body Composition and Fat Distribution in US Adults. <i>Obesity</i> , 2020, 28, 2431-2440.	1.5	6
24	Neutron-rich calcium isotopes within realistic Gamow shell model calculations with continuum coupling. <i>Physical Review C</i> , 2020, 102, .	1.1	12
25	Shell-model study of calcium isotopes toward their drip line. <i>Physical Review C</i> , 2020, 102, .	1.1	10
26	Shell-model study of calcium isotopes toward their drip line. <i>Physical Review C</i> , 2020, 102, .	1.1	17
27	Properties of Ta revealed through isomeric decay. <i>Physical Review Letters</i> , 2020, 125, 192505.	2.9	12
28	The Relationships between Total Protein Intake, Protein Sources, Physical Activity, and Lean Mass in a Representative Sample of the US Adults. <i>Nutrients</i> , 2020, 12, 3151.	1.7	2
29	Identification of new transitions and levels in Gd^{163} from \hat{I}^2 -decay studies. <i>Physical Review C</i> , 2020, 101, .	1.1	3
30	Identification of an Oblate $K=9$ Isomer of ^{173}Re . <i>Physical Review C</i> , 2020, 101, .	1.1	1
31	Longitudinal Sex-Specific Physical Function Trends by Age, Race/Ethnicity, and Weight Status. <i>Journal of the American Geriatrics Society</i> , 2020, 68, 2270-2278.	1.3	15
32	Two-neutron halo structure of F_{31} . <i>Physical Review C</i> , 2020, 101, .	1.1	26
34	Chiral three-nucleon force and continuum for dripline nuclei and beyond. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 802, 135257.	1.5	16
35	Quadrupole deformation of C_{16} studied by proton and deuteron inelastic scattering. <i>Physical Review C</i> , 2020, 101, .	1.1	17
36	Nuclear multipole responses from chiral effective field theory interactions. <i>Physical Review C</i> , 2020, 101, .	1.1	1

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37	White paper: from bound states to the continuum. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 123001.	1.4	38
38	Healthcare provider counselling for weight management behaviours among adults with overweight or obesity: a cross-sectional analysis of National Health and Nutrition Examination Survey, 2011â€“2018. BMJ Open, 2020, 10, e039295.	0.8	21
39	Gamow shell-model calculations of neutron-rich lithium isotopes. Chinese Science Bulletin, 2020, 65, 1592-1598.	0.4	0
40	Research program of superheavy elements and nuclides based on HIAF. Scientia Sinica: Physica, Mechanica Et Astronomica, 2020, 50, 112002.	0.2	5
41	rotational bands in neutron-rich Mo, Ru, and Pd nuclei *. Chinese Physics C, 2019, 43, 084101.	1.5	5
42	<i>Ab initio</i> Gamow in-medium similarity renormalization group with resonance and continuum. Physical Review C, 2019, 99, .	1.1	27
43	<i>p</i> -shell hypernuclear energy spectra using the Gogny-interaction shell model. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 125106.	1.4	3
44	Contribution of chiral three-body forces to the monopole component of the effective shell-model Hamiltonian. Physical Review C, 2019, 100, .	1.1	23
45	<i>Ab initio</i> no-core Gamow shell-model calculations of multineutron systems. Physical Review C, 2019, 100, .	1.1	30
46	â€œStaplerâ€ mechanism for a dipole band in ^{79}Se . Physical Review C, 2019, 100, .	1.1	6
47	Age-specific trends in health-related quality of life among US adults: findings from National Health and Nutrition Examination Survey, 2001â€“2016. Quality of Life Research, 2019, 28, 3249-3257.	1.5	8
48	Masses of neutron-rich ^{79}Sc and ^{52}Ti . Physical Review C, 2019, 100, .	1.1	22
49	Relationship between Physical Activity, Screen Time, and Sleep Quantity and Quality in US Adolescents Aged 16â€“19. International Journal of Environmental Research and Public Health, 2019, 16, 1524.	1.2	38
50	Perturbation calculations of nucleonâ€“nucleon effective interactions in the Hartreeâ€“Fock basis. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 055104.	1.4	6
51	Chiral three-body force and monopole properties of shell-model Hamiltonian. EPJ Web of Conferences, 2019, 223, 01018.	0.1	0
52	Lifetime measurements of short-lived excited states, and shape changes in ^{69}As and ^{66}Ge nuclei. Physical Review C, 2019, 100, .	1.1	2
53	Masses of ground and isomeric states of ^{101}In and configuration-dependent shell evolution in odd- ^{A}In isotopes. Physical Review C, 2019, 100, .	1.1	18
54	Racial/Ethnic Disparities in US Adolescentsâ€™ Dietary Quality and Its Modification by Weight-Related Factors and Physical Activity. International Journal of Environmental Research and Public Health, 2019, 16, 4803.	1.2	12

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55	Description of proton-rich nuclei in the $A < 20$ region within the Gamow shell model. Physical Review C, 2019, 100, .		
56	Identification of high- K rotation in Ba130 : Testing the consistency of electromagnetic observables. Physical Review C, 2019, 99, .	1.1	8
57	Realistic Gamow shell-model calculations for neutron-rich carbon isotopes. Chinese Science Bulletin, 2019, 64, 2037-2042.	0.4	1
58	Configuration-constrained calculations of high- K rotational bands in even-even isotones around $N=100$. Chinese Science Bulletin, 2019, 64, 2191-2198.	0.4	1
59	Mass measurements of neutron-deficient Y, Zr, and Nb isotopes and their impact on r_p and $\hat{1}/2p$ nucleosynthesis processes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 358-363.	1.5	28
60	A new measurement of the intruder configuration in ^{12}Be . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 412-416.	1.5	26
61	Chiral descriptions of nuclear multipole resonances within the random-phase approximation. Physical Review C, 2018, 97, .	1.1	4
62	Spectroscopic study of the possibly triaxial transitional nucleus ^{75}Ge . Physical Review C, 2018, 97, .	1.1	1
63	Continuum effect in resonance spectra of neutron-rich oxygen isotopes. Chinese Physics C, 2018, 42, 114106.	1.5	1
64	THE ASSOCIATION BETWEEN PHYSICAL ACTIVITY AND METABOLIC SYNDROME IN OLDER ADULTS WITH OBESITY. Journal of Frailty & Aging,the, 2018, 8, 1-6.	0.8	9
65	Realistic Gamow shell model for resonance and continuum in atomic nuclei. Journal of Physics: Conference Series, 2018, 966, 012042.	0.3	0
66	Realistic shell-model calculations for p -shell nuclei including contributions of a chiral three-body force. Physical Review C, 2018, 98, .	1.1	32
67	Factors Influencing Dietary Intake Frequencies and Nutritional Risk among Community-Residing Older Adults. Journal of Nutrition in Gerontology and Geriatrics, 2018, 37, 255-268.	0.4	5
68	Gogny-force-derived effective shell-model Hamiltonian. Physical Review C, 2018, 98, .	1.1	3
69	Relationship between Diet Quality, Physical Activity and Health-Related Quality of Life in Older Adults: Findings from 2007-2014 National Health and Nutrition Examination Survey. Journal of Nutrition, Health and Aging, 2018, 22, 1072-1079.	1.5	45
70	The Association between US Adolescents' Weight Status, Weight Perception, Weight Satisfaction, and Their Physical Activity and Dietary Behaviors. International Journal of Environmental Research and Public Health, 2018, 15, 1931.	1.2	19
71	Triaxial deformations in neutron-rich nuclei with $Z = 41 \sim 46$, $A \sim 100 \sim 116$ based on prompt fission $\hat{1}^3$ spectroscopy. EPJ Web of Conferences, 2018, 178, 02021.	0.1	0
72	The triaxiality and Coriolis effects on the fission barrier in isovolumic nuclei with mass number $A = 256$ based on multidimensional total Routhian surface calculations. Progress of Theoretical and Experimental Physics, 2018, 2018, .	1.8	6

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91	Oblate deformation in neutron-rich Ag118,119. Physical Review C, 2017, 95, .	1.1	2
92	Northern boundary of the "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
93	β^2 -decay studies approaching the N=20 island of inversion with a new shell-model Hamiltonian. Science China: Physics, Mechanics and Astronomy, 2017, 60, 1.	2.0	0
94	Ab initio many-body perturbation theory and no-core shell model. Chinese Physics C, 2017, 41, 104101.	1.5	2
95	A Community-Based Nutrition and Physical Activity Intervention for Children Who Are Overweight or Obese and Their Caregivers. Journal of Obesity, 2017, 2017, 1-9.	1.1	13
96	Isomer Spectroscopy of Neutron-rich $^{165,167}\text{Tb}$. Acta Physica Polonica B, 2017, 48, 601.	0.3	3
97	Shell-model calculation with density-dependent Gogny interaction. Chinese Science Bulletin, 2017, 62, 1846-1853.	0.4	0
98	Odd Features of Some Odd-Odd Prolate Spheroidal Nuclei. , 2017, , .		0
99	Nuclear Many-Body Perturbation Calculations Based on the Chiral N3LO Potential. , 2017, , .		0
100	Triaxiality in Neutron-Rich Nuclei with A \approx 100-126, Z Beyond and Below Ru (Z=44). , 2017, , .		0
101	Multi-quasiparticle high-K isomeric states in deformed nuclei. EPJ Web of Conferences, 2016, 123, 01002.	0.1	0
102	Evolution of shape and rotational structure in neutron-deficient $^{118-128}\text{Ba}$ nuclei. Progress of Theoretical and Experimental Physics, 2016, 2016, 063D03.	1.8	8
103	Radiation reaction induced spiral attractors in ultra-intense colliding laser beams. Matter and Radiation at Extremes, 2016, 1, 308-315.	1.5	15
104	Impact of triaxiality on the rotational structure of neutron-rich rhenium isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 752, 311-316.	1.5	8
105	High-K isomerism in rotational nuclei. Physica Scripta, 2016, 91, 013010.	1.2	33
106	Characteristics of collectivity along the yrast line in even-even tungsten isotopes. Physical Review C, 2016, 94, .	1.1	10
107	K-mixing in the doubly mid-shell nuclide ^{170}Dy and the role of vibrational degeneracy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 404-408.	1.5	20
108	Isomerism in the "south-east" of ^{132}Sn and a predicted neutron-decaying isomer in ^{129}Pd . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 237-242.	1.5	28

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109	Searching for high- K isomers in the proton-rich $A \approx 80$ mass region. Chinese Physics C, 2016, 40, 094102.	1.5	2
110	Evolution of octupole correlations in Ba_{123} . Physical Review C, 2016, 94, .	1.1	16
111	Ab initio nuclear many-body perturbation calculations in the Hartree-Fock basis. Physical Review C, 2016, 94, .	1.1	28
112	Spectroscopy of ^{155}Yb : Structure evolution in the ^{155}Yb isotopes. Physical Review Letters, 2016, 117, 182503.	1.1	2
113	Structure evolution in ^{155}Yb isotopes. Physical Review Letters, 2016, 117, 182503.	2.0	34
114	β -decay spectroscopy of neutron-rich $^{160,161,162}Sm$ isotopes. EPJ Web of Conferences, 2016, 123, 02002.	0.1	3
115	Green's function calculations of light nuclei. Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.	2.0	5
116	Increased rigidly triaxial deformations in neutron-rich Mo, Ru isotopes. Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.	2.0	3
117	Decay spectroscopy of ^{160}Sm : The lightest four-quasiparticle K isomer. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 182-186.	1.5	25
118	Cognitive status and cardio-metabolic risk of patients with acquired brain injury and Parkinson's disease. Disability and Health Journal, 2016, 9, 134-139.	1.6	5
119	Does the proton decay?. Chinese Science Bulletin, 2016, 61, 1063-1065.	0.4	0
120	Nuclear shell model in natural basis. Chinese Science Bulletin, 2016, 61, 2793-2799.	0.4	2
121	Are there stable high-atomic-number elements?. Chinese Science Bulletin, 2016, 61, 2869-2871.	0.4	0
122	Identification of new transitions and mass assignments of levels in ^{143}Pr . Physical Review C, 2015, 92, .	1.1	13
123	Band crossing and shape evolution in ^{73}Ge . Physical Review C, 2015, 92, .	1.1	5
124	Configuration-constrained cranking Hartree-Fock pairing calculations for sidebands of nuclei. Physical Review C, 2015, 92, .	1.1	21
125	Heavy rotation evolution of quadrupole collectivity centred at the neutron-rich doubly mid-shell nucleus ^{170}Dy . AIP Conference Proceedings, 2015, , .	0.3	1
126	Nuclear stiffness evolutions against axial and non-axial quadrupole deformations in even- Z osmium isotopes. Progress of Theoretical and Experimental Physics, 2015, 2015, 073D03.	1.8	7

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127	Phase transition in odd- N Pd-isotopes. Chinese Physics C, 2015, 39, 114103.	1.5	0
128	Evolution of ground-state quadrupole and octupole stiffnesses in even-even barium isotopes. Physical Review C, 2015, 92, .	1.1	30
129	Shape-coexisting rotation in neutron-deficient Hg and Pb nuclei. Physical Review C, 2015, 91, .	1.1	11
130	Odd-even mass staggering with Skyrme-Hartree-Fock-Bogoliubov theory. Physical Review C, 2015, 91, .	1.1	10
131	Helium-helium clustering states in Be ¹² . Physical Review C, 2015, 91, .	1.1	44
132	Impact of a Program of Tai Chi Plus Behaviorally Based Dietary Weight Loss on Physical Functioning and Coronary Heart Disease Risk Factors: A Community-Based Study in Obese Older Women. Journal of Nutrition in Gerontology and Geriatrics, 2015, 34, 50-65.	0.4	11
133	Shape coexistence and evolution in neutron-deficient krypton isotopes. Chinese Physics C, 2015, 39, 094101.	1.5	5
134	New Insights into the Structure of Neutron-Rich Nuclei $A=108-118$ and $\{160-162\}$ Gd. , 2015, , 57-67.		0
135	Multi-quasiparticle High- K States and Their Rotations. Acta Physica Polonica B, Proceedings Supplement, 2015, 8, 715.	0.0	0
136	Effect of Adding Tai Chi to a Dietary Weight Loss Program on Bone Mineral Density in Obese Older Women. FASEB Journal, 2015, 29, 738.10.	0.2	1
137	Triaxial Deformations and the Proton Intruder Orbital $\pi 1/2^{+}[431]$ in Very Neutron-Rich Odd-Odd Nb Isotopes. , 2015, , .		0
138	Effects of a Skyrme-type tensor force on the spin-isospin excitations. EPJ Web of Conferences, 2014, 66, 02004.	0.1	0
139	Systematics on the low-lying spectra in $N = 78 \sim 80$ isotones. International Journal of Modern Physics E, 2014, 23, 1450037.	0.4	0
140	Isomer Decay Spectroscopy of ^{164}Sm and ^{164}Gd	2.9	50
141	Collective properties of neon isotopes investigated by projected shell model. Science Bulletin, 2014, 59, 3847-3852.	1.7	4
142	Low-energy collective Gamow-Teller states and isoscalar pairing interaction. Physical Review C, 2014, 90, .	1.1	38
143	Emergent soft monopole modes in weakly bound deformed nuclei. Physical Review C, 2014, 90, .	1.1	21
144	Observation of the Ground State Bands in ^{109}Pd and ^{111}Pd . Journal of Physics: Conference Series, 2014, 533, 012035.	0.3	0

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145	Observation of a rotational band and the role of the proton intruder orbital in ^{136}Ba [431] in very neutron-rich odd-odd nuclei. Physical Review Letters, 2014, 112, 162501.	1.1	8
146	Observation of Enhanced Monopole Strength and Clustering in ^{12}Be . Physical Review Letters, 2014, 112, 162501.	2.9	78
147	High-spin spectroscopy of ^{144}Tb : Systematic investigation of dipole bands in $N=79$ isotones. Physical Review C, 2014, 89, .	1.1	6
148	Correlated-basis method for shell-model calculations. Physical Review C, 2014, 90, .	1.1	9
149	Beyond-mean-field calculations of collectivities of neutron-rich Fe and Cr isotopes. Physical Review C, 2014, 90, .	1.1	9
150	Mirror energy difference and the structure of loosely bound proton-rich nuclei around ^{20}Ne . Physical Review C, 2014, 89, .	1.1	20
151	Shape coexistence and triaxiality in nuclei near ^{80}Zr . Physical Review C, 2014, 90, .	1.1	12
152	Improved descriptions of collective and non-collective rotations in the superheavy nucleus ^{256}Rf . Science Bulletin, 2014, 59, 11-15.	1.7	5
153	Favored configurations for four-quasiparticle $^{K^{\pi}}$ isomerism in the heaviest nuclei. Physical Review C, 2014, 89, .	1.1	25
154	Collective rotations of fission isomers in actinide nuclei. Science China: Physics, Mechanics and Astronomy, 2014, 57, 189-193.	2.0	8
155	Determination of the cluster spectroscopic factor of the 10.3 MeV state in ^{12}Be . Science China: Physics, Mechanics and Astronomy, 2014, 57, 1613-1617.	2.0	21
156	Irregularity in $^{K^{\pi}}$ bands of $^{N^{\pi}}$. Physical Review C, 2014, 89, .	1.1	12
157	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
158	Systematic study of shell-model effective interaction in sd-shell. EPJ Web of Conferences, 2014, 66, 02108.	0.1	8
159	Deep inelastic reactions and isomers in neutron-rich nuclei across the perimeter of the $A = 180-190$ deformed region. EPJ Web of Conferences, 2014, 66, 02033.	0.1	1
160	Lifetime Measurements of Short Lived States in ^{69}As . Acta Physica Polonica B, 2014, 45, 235.	0.3	2
161	Diet quality in community dwelling obese women following a behavioral based diet, tai chi, and resistance training intervention (1026.7). FASEB Journal, 2014, 28, 1026.7.	0.2	0
162	Enhanced octupole correlation due to unpaired nucleons in actinide $^{K^{\pi}}$ -isomeric states. Physical Review C, 2013, 87, .	1.1	16

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163	Collectivity of neutron-rich magnesium isotopes investigated by projected shell model calculations. Physical Review C, 2013, 88, .	1.1	10
164	Multi-quasiparticle rotational bands in neutron-rich erbium isotopes. Science China: Physics, Mechanics and Astronomy, 2013, 56, 1423-1427.	2.0	17
165	Decay of the high- K isomeric state to a rotational band in ^{257}Rf . Physical Review C, 2013, 88, .	1.1	23
166	Spectroscopy of ^{157}Yb and structure evolutions in odd- $A\text{Yb}$ isotopes. Physical Review C, 2013, 87, .	1.1	3
167	Calculations of electric quadrupole moments and charge radii for high- K isomers. Science China: Physics, Mechanics and Astronomy, 2013, 56, 2037-2041.	2.0	7
168	Role of $T=0$ pairing in Gamow-Teller states in $N > Z$ nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 116-12.	1.5	32
169	New insights into the nuclear structure in neutron-rich $^{112,114,115,116,117,118}\text{Pd}$. Nuclear Physics A, 2013, 919, 67-98.	0.6	30
170	Isomers and excitation modes in the gamma-soft nucleus ^{192}Os . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 330-335.	1.5	20
171	Alpha-decay quantum-tunnelling calculations based on a folded Woods-Saxon potential. Journal of Physics: Conference Series, 2013, 436, 012064.	0.3	1
172	Configuration-constrained total Routhian surfaces with particle-number-conserving pairing. Physical Review C, 2013, 87, .	1.1	30
173	HIGH-SPIN STRUCTURES OF VERY NEUTRON-RICH $^{114,115}\text{Rh}$. , 2013, , .		0
174	The coordinate-space Hartree-Fock-Bogoliubov approach for describing weakly-bound deformed nuclei. , 2013, , .		0
175	Spectroscopy of Ir-Pt-Au nuclei near stability by complete and incomplete fusion reactions. , 2013, , .		0
176	New Studies on the Aspects of Nuclear Shapes. Acta Physica Polonica B, 2013, 44, 271.	0.3	1
177	Mixing of two-quasineutron and two-quasiproton $K^\pi = 6^+$ configurations in the vicinity of ^{174}Yb . Chinese Physics C, 2013, 37, 034102.	1.5	3
178	Evolution of surface deformations of weakly bound nuclei in the continuum. Physical Review C, 2013, 87, .	1.1	22
179	Spectroscopic calculations of cluster nuclei above double shell closures with a new local potential. Physical Review C, 2013, 87, .	1.1	12
180	Three-quasiparticle isomers and possible deformation in the transitional nuclide, ^{95}Au . Physical Review C, 2013, 87, .	1.1	7

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181	New high-spin level scheme of neutron-rich ^{112}Rh . Physical Review C, 2013, 87, .	1.1	12
182	Hartree-Fock-Bogoliubov descriptions of deformed weakly bound nuclei in large coordinate spaces. Physical Review C, 2013, 88, .	1.1	26
183	Competing single-particle and collective states in the low-energy structure of ^{113}I . Physical Review C, 2013, 88, .	1.1	3
184	The possible effect of scalar meson on the symmetry energy curve in the viewpoint of the quark-meson-coupling model. Journal of Physics: Conference Series, 2013, 420, 012093.	0.3	1
185	Configuration mixing effects in neutron-rich carbon isotopes. Journal of Physics: Conference Series, 2013, 420, 012049.	0.3	3
186	Cluster decay calculations based on mean-field potentials. Journal of Physics: Conference Series, 2013, 413, 012017.	0.3	1
187	STABLE TRIAXIALITY IN GERMANIUM AND SELENIUM ISOTOPES. , 2013, , .		0
188	TENSOR EFFECTS ON THE SPIN-DEPENDENT CHARGE-EXCHANGE TRANSITIONS. , 2013, , .		0
189	SPECTROSCOPY OF $^{190}\text{Ir-Pt-Au}$ NUCLEI NEAR STABILITY FROM COMPLETE AND INCOMPLETE FUSION REACTION. , 2013, , .		0
190	Effects of a Dietary and Tai Chi Intervention on Body Composition in Obese Older Women. FASEB Journal, 2013, 27, 1068.2.	0.2	2
191	Configuration-constrained total-Routhian-surface models. Scientia Sinica: Physica, Mechanica Et Astronomica, 2013, 43, 1251-1270.	0.2	0
192	NEW INSIGHTS INTO THE NUCLEAR STRUCTURE IN NEUTRON-RICH $^{112,114,115,116,117,118}\text{Pd}$. , 2013, , .		0
193	Total Routhian surface calculations of octupole properties in neutron-deficient U isotopes. Physica Scripta, 2012, 86, 035201.	1.2	6
194	Four-Quasiparticle High- K States in Neutron-Deficient Lead and Polonium Nuclei. Plasma Science and Technology, 2012, 14, 528-530.	0.7	0
195	Level structure in the transitional nucleus ^{195}Au . Physical Review C, 2012, 85, .	1.1	10
196	Band structures in ^{106}Pd . Physical Review C, 2012, 86, .	1.1	9
197	Shell-model study of boron, carbon, nitrogen, and oxygen isotopes with a monopole-based universal interaction. Physical Review C, 2012, 85, .	1.1	118
198	Superdeformed multi-quasiparticle high- K states and possible isomers in Pb and Po isotopes. Physical Review C, 2012, 85, .	1.1	9

#	ARTICLE	IF	CITATIONS
199	Self-Consistent Tilted-Axis-Cranking Study of Triaxial Strongly Deformed Bands in ^{158}Er at Ultrahigh Spin. Physical Review Letters, 2012, 109, 092501.	2.9	19
200	High-spin states in ^{127}I . Physical Review C, 2012, 85, .	1.1	17
201	X(5) critical-point symmetries in ^{138}Gd . Journal of Physics: Conference Series, 2012, 381, 012062.	0.3	2
202	Observation of positive-parity bands in ^{109}Pd and ^{111}Pd : Enhanced electromagnetic transition strengths in ^{109}Pd . Physical Review C, 2012, 86, .	1.1	12
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381	Study of the superdeformed nuclei in $A = 190$ region with the cranking Bohr-Mottelson Hamiltonian. <i>Nuclear Physics A</i> , 1997, 615, 229-244.	0.6	7
382	Proton excitations across the $Z = 64$ gap in the doubly magic superdeformed nucleus ^{144}Gd . <i>Nuclear Physics A</i> , 1997, 618, 238-258.	0.6	14
383	Cranking Bohr-Mottelson Hamiltonian applied to normal bands of odd-A nuclei. <i>Physical Review C</i> , 1995, 51, 2504-2510.	1.1	1
384	Cranking Bohr-Mottelson Hamiltonian applied to superdeformed bands in the $A \sim 150$ region. <i>Physical Review C</i> , 1995, 52, 431-434.	1.1	6
385	Cranking Bohr-Mottelson Hamiltonian applied to superdeformed bands in $A \sim 190$ region. <i>Physical Review C</i> , 1994, 49, 1449-1453.	1.1	22
386	Coupling between rotational and vibrational motions with the cranking Bohr-Mottelson Hamiltonian. <i>Physical Review C</i> , 1993, 48, 2270-2276.	1.1	8