

Takaharu Otsuka

List of Publications by Year in descending order

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423
papers

18,745
citations

10979

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124
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all docs

431
docs citations

431
times ranked

3361
citing authors

#	ARTICLE	IF	CITATIONS
1	Moments and radii of exotic Na and Mg isotopes. <i>Physical Review C</i> , 2022, 105, .	1.1	9
2	Emerging Concepts in Nuclear Structure Based on the Shell Model. <i>Physics</i> , 2022, 4, 258-285.	0.5	7
3	$\hat{I}\pm$ -Clustering in atomic nuclei from first principles with statistical learning and the Hoyle state character. <i>Nature Communications</i> , 2022, 13, 2234.	5.8	22
4	Variational approach with the superposition of the symmetry-restored quasiparticle vacua for nuclear shell-model calculations. <i>Physical Review C</i> , 2021, 103, .	1.1	15
5	Triaxial rigidity of ^{166}Er and its Bohr-model realization. <i>Physical Review C</i> , 2021, 103, .	1.1	7
6	First spectroscopic study of ^{51}Ar by the (p,2p) reaction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 814, 136108.	1.5	5
7	Structure of Two-Neutron Halo in Light Exotic Nuclei. <i>Few-Body Systems</i> , 2021, 62, 1.	0.7	3
8	Complete set of bound negative-parity states in the neutron-rich nucleus ^{18}N . <i>Physical Review C</i> , 2021, 104, .	1.1	6
9	self-conjugate nuclei in <i>ab initio</i> no-core Monte Carlo shell model calculations with nonlocal interaction. <i>Physical Review C</i> , 2021, 104, .	1.1	9
10	Isomer studies in the vicinity of the doubly-magic nucleus ^{100}Sn : Observation of a new low-lying isomeric state in ^{97}Ag . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 802, 135200.	1.5	20
11	Shape Coexistence at Zero Spin in ^{64}Ni Driven by the Monopole Tensor Interaction. <i>Physical Review Letters</i> , 2020, 125, 102502.	2.9	24
12	Low-lying single-particle structure of ^{17}C and the $\hat{I}^{\pm} = \hat{I}^{\pm} 14$ sub-shell closure. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 811, 135939.	1.5	12
13	or ^{75}Ni and the systematics of the low-lying level structure of neutron-rich odd- Z Cu isotopes. <i>Ph</i>	1.1	4
14	The impact of nuclear shape on the emergence of the neutron dripline. <i>Nature</i> , 2020, 587, 66-71.	13.7	48
15	Two-Neutron Halo is Unveiled in ^{29}F . <i>Physical Review Letters</i> , 2020, 124, 222504.	2.9	57
16	Evolution of shell structure in exotic nuclei. <i>Reviews of Modern Physics</i> , 2020, 92, .	16.4	218
17	Electromagnetic character of the competitive $\hat{I}^3\hat{I}^3/\hat{I}^3$ -decay from ^{137}mBa . <i>Nature Communications</i> , 2020, 11, 3242.	5.8	11

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19	Detailed low-spin spectroscopy of ^{65}Ni via neutron capture reaction. Physical Review C, 2020, 102, .	1.1	1
20	Magnetic Moment of the Isomeric State of ^{75}Cu Measured with a Highly Spin-aligned Beam. , 2020, , .		0
21	Nuclear charge radii of ^{62}Zn and their dependence on cross-shell proton excitations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134805.	1.5	23
22	decay of ^{211}Po isotopes. Physical Review C, 2019, 100, .		
23	REDUCTION IN AMBIENT GAMMA DOSE RATE FROM RADIOCESIUM DUE TO SNOW COVER. Radiation Protection Dosimetry, 2019, 184, 510-513.	0.4	2
24	Quasifree Neutron Knockout from ^{54}Ca . Corroborates Arising $N=34$.	2.9	48
25	Interplay between nuclear shell evolution and shape deformation revealed by the magnetic moment of ^{75}Cu . Nature Physics, 2019, 15, 321-325.	6.5	22
26	^{78}Ni revealed as a doubly magic stronghold against nuclear deformation. Nature, 2019, 569, 53-58.	13.7	120
27	Shape staggering of midshell mercury isotopes from in-source laser spectroscopy compared with density-functional-theory and Monte Carlo shell-model calculations. Physical Review C, 2019, 99, .	1.1	43
28	Structure of ^{31}Mg : Shape coexistence revealed by spectroscopy with spin-polarized neutrons.	1.1	8
29	Ground-state properties of doubly magic nuclei from the unitary-model-operator approach with chiral two- and three-nucleon forces. Physical Review C, 2019, 100, .	1.1	8
30	Underlying Structure of Collective Bands and Self-Organization in Quantum Systems. Physical Review Letters, 2019, 123, 222502.	2.9	31
31	Spectroscopy of strongly deformed ^{32}Ne by proton knockout reactions. Physical Review C, 2019, 99, .	1.1	17
32	Shape Coexistence and Shape Isomerism in the Ni Isotopic Chain. Acta Physica Polonica B, 2019, 50, 605.	0.3	5
33	Evidence for prevalent $Z = 6$ magic number in neutron-rich carbon isotopes. Nature Communications, 2018, 9, 1594.	5.8	24
34	Single-particle states vs. collective modes: friends or enemies ?. EPJ Web of Conferences, 2018, 178, 02003.	0.1	2
35	Shapes of Medium and Heavy Nuclei Studied by Monte Carlo Shell Model Calculations. , 2018, , .		3
36	Structure of Exotic Nuclei Based on Nuclear Force. , 2018, , .		0

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37	Evidence for Coexisting Shapes through Lifetime Measurements in ^{98}Zr .	2.9	34
38	Systematic shell-model study of the \hat{I}^2 -decay study of the ^{11}Mn .	1.1	11
39	Enhanced Electric Dipole Strength in Doubly Magic ^{56}Fe and ^{64}Zn .	2.9	33
40	Enhanced Electric Dipole Strength for the Weakly Bound States in ^{27}Ne .	2.9	6
41	Characterization of the shape-staggering effect in mercury nuclei. Nature Physics, 2018, 14, 1163-1167.	6.5	106
42	Structure of two-neutron halo in light drip-line nuclei. Journal of Physics: Conference Series, 2018, 966, 012030.	0.3	0
43	How have they started? "A brief guide for pedestrians. Frontiers of Physics, 2018, 13, 1.	2.4	0
44	Investigating the large deformation of the ^{73}Zn isomeric state in ^{73}Zn .	1.1	9
45	Systematic shell-model study of \hat{I}^2 -decay properties and Gamow-Teller strength distributions in ^{40}Ca and ^{40}Ti neutron-rich nuclei. Physical Review C, 2018, 97, .	1.1	33
46	Quantum self-organization and nuclear collectivities. Journal of Physics: Conference Series, 2018, 966, 012027.	0.3	3
47	Re-examining the transition into the $N = 20$ island of inversion: Structure of ^{30}Mg . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 779, 124-129.	1.5	14
48	Novel Shape Evolution in Sn Isotopes from Magic Numbers 50 to 82. Physical Review Letters, 2018, 121, 062501.	2.9	67
49	\hat{I}^2 -decay Rates for Exotic Nuclei and r-process Nucleosynthesis up to Thorium and Uranium. Astrophysical Journal, 2018, 859, 133.	1.6	18
50	Nuclear moments of the low-lying isomeric 1^+ state of ^{34}Al : Investigation on the neutron $1p_{1h}$ excitation across $N = 20$ in the island of inversion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 619-626.	1.5	8
51	Nuclear Ab Initio Calculations with the Unitary-Model-Operator Approach. , 2018, , .		0
52	20 Years Ago, 20 Years Later. , 2018, , .		0
53	Are There Signatures of Harmonic Oscillator Shells Far from Stability? First Spectroscopy of ^{110}Zr .	2.9	41
54	Exotic neutron-rich medium-mass nuclei with realistic nuclear forces. Physical Review C, 2017, 95, .	1.1	73

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55	Monte Carlo shell model studies with massively parallel supercomputers. Physica Scripta, 2017, 92, 063001.	1.2	35
56	Type II shell evolution in $A = 70$ isobars from the $N \approx 40$ island of inversion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 328-333.	1.5	33
57	Dipole and quadrupole moments of ^{63}Cu as a test of the robustness of the shell model. Physica Scripta, 2017, 92, 063001.	1.1	41
58	Shell evolution beyond $Z = 28$ and $N = 50$: Spectroscopy of $^{81,82,83,84}\text{Zn}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 773, 492-497.	1.5	29
59	Beta-Decay Rates for Exotic Nuclei and R-Process Nucleosynthesis up to Th and U. , 2017, , .		0
60	Structure of ^{55}Sc and development of the shell model. Physica Scripta, 2017, 92, 063001.	1.1	18
61	Shell closure around $Z = 34$ in ^{68}Ni . Physical Review C, 2017, 96, 044301.		62
62	Evolution of nuclear structure in neutron-rich odd-Zn isotopes and isomers. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 385-391.	1.5	30
63	of ^{68}Si . Physica Scripta, 2017, 92, 063001.		

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73	Shell-Model Analysis of the Neutrinoless ${}^{48}\text{Ca}$ Decay. Physical Review Letters, 2016, 117, 172502.	2.9	79
74	Quantum Phase Transition in the Shape of Zr isotopes. Physical Review Letters, 2016, 117, 172502.	2.9	165
75	First Measurement of Collectivity of Coexisting Shapes Based on Type II Shell Evolution: The Case of ${}^{96}\text{Zr}$. Physical Review Letters, 2016, 117, 172503.	2.9	95
76	Two-neutron α -halo from the low-energy limit of neutron-neutron interaction: Applications to drip-line nuclei ${}^{22}\text{C}$ and ${}^{24}\text{O}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 199-203.	1.5	31
77	High Current Responsivity and Wide Modulation Bandwidth Terahertz Detector Using High-Electron-Mobility Transistor for Wireless Communication. Journal of Infrared, Millimeter, and Terahertz Waves, 2016, 37, 658-667.	1.2	8
78	Low-lying Structure of ${}^{50}\text{Ar}$ and the ${}^{50}\text{N}$ Subshell. Physical Review Letters, 2015, 115, 172501.	2.9	44
79	Low-Energy Super Gamow-Teller State. , 2015, , .		0
80	Low-lying continuum states of drip-line oxygen isotopes. Progress of Theoretical and Experimental Physics, 2015, 2015, 093D01.	1.8	17
81	Shell-model study of spin modes in nuclei and nuclear forces. Journal of Physics: Conference Series, 2015, 580, 012032.	0.3	0
82	Many-Body Calculations for Medium-Mass Nuclei by the Unitary Transformation Method. , 2015, , .		1
83	Perspectives of Physics of Exotic Nuclei Beyond the Shell Evolution. , 2015, , .		0
84	Nature of Isomerism in Exotic Sulfur Isotopes. Physical Review Letters, 2015, 114, 032501.	2.9	41
85	Neutron single-particle strength in silicon isotopes: Constraining the driving forces of shell evolution. Physical Review C, 2015, 91, .	1.1	12
86	Identification of deformed intruder states in semi-magic ${}^{70}\text{Ni}$. Physical Review C, 2015, 91, .	1.1	40
87	Large-scale shell-model calculations for unnatural-parity high-spin states in neutron-rich Cr and Fe isotopes. Physical Review C, 2015, 91, .	1.1	24
88	Magnetic response of the halo nucleus ${}^{19}\text{C}$ studied via Evidence as a ${}^{19}\text{C}$ Dipole. Physical Review C, 2015, 91, .	1.1	9
89	Evidence as a ${}^{11}\text{Li}$ Dipole. Physical Review Letters, 2015, 114, 192502.	2.9	51
90	Photonuclear reactions of calcium isotopes calculated with the nuclear shell model. Progress in Nuclear Energy, 2015, 82, 102-106.	1.3	9

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91	Quantization of the low-lying 0^+ states in ^{20}Ne . Physical Review C, 2014, 89, .	1.1	42
92	Detailed deposition density maps constructed by large-scale soil sampling for gamma-ray emitting radioactive nuclides from the Fukushima Dai-ichi Nuclear Power Plant accident. Journal of Environmental Radioactivity, 2015, 139, 308-319.	0.9	244
93	Recent Advances in Shell Evolution with Shell-Model Calculations. , 2015, , .		5
94	Extended Krençiglowaâ€“Kuo Method and Perturbation Expansion of (\hat{Q}) -box. , 2015, , .		0
95	Electron-Capture Rates for Exotic Nuclei at Stellar Environments. , 2015, , .		0
96	Cluster Structure of Be Isotopes Based on Monte Carlo Shell Model. , 2015, , .		1
97	Fukushima Nuclear Power Plant Accident and Nuclear Physicists. EPJ Web of Conferences, 2014, 66, 10008.	0.1	0
98	Recent shell-model results for exotic nuclei. EPJ Web of Conferences, 2014, 66, 02106.	0.1	16
99	Rotational level structure of sodium isotopes inside the "island of inversion". Progress of Theoretical and Experimental Physics, 2014, 2014, 53D01-0.	1.8	15
100	Experimental Study of the Two-Body Spin-Orbit Force in Nuclei. Physical Review Letters, 2014, 112, 042502.	2.9	46
101	Shape coexistence in ^{68}Ni . Physical Review C, 2014, 89, .		71
102	Multi-shell effective interactions. Physical Review C, 2014, 89, .	1.1	42
103	Observation of Low- and High-Energy Gamow-Teller Phonon Excitations in Nuclei. Physical Review Letters, 2014, 112, 112502.	2.9	63
104	Mirror energy difference and the structure of loosely bound proton-rich nuclei around ^{20}Ne . Physical Review C, 2014, 89, .	1.1	20
105	Full control of quadruple quantum dot circuit charge states in the single electron regime. Applied Physics Letters, 2014, 104, .	1.5	39
106	Novel shape evolution in exotic Ni isotopes and configuration-dependent shell structure. Physical Review C, 2014, 89, .	1.1	150
107	Wave Halos at the Drip Line: ^{31}Ne . Physical Review Letters, 2014, 113, 267601.	2.9	73
108	Fast Electrical Control of Single Electron Spins in Quantum Dots with Vanishing Influence from Nuclear Spins. Physical Review Letters, 2014, 113, 267601.	2.9	70

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109	Proton-Driven Shell Evolution below the Doubly Magic Nucleus ^{100}Sn . <i>Physical Review Letters</i> , 2013, 110, 152501. http://www.w3.org/1998/Math/MathML display="inline" < mml:mrow > < mml:mmultiscripts > < mml:mrow > < mml:mi > Sn </ mml:mi > </ mml:mrow > < mml:mprescripts /> < mml:none /> < mml:mrow > < mml:mn > 109 </ mml:mn > </ mml:mrow > </ mml:mmultiscripts > </ mml:mrow > </ mml:math >	2.9	24
110	Observation of a ^{100}Sn -Wave One-Neutron Halo Configuration in ^{100}Sn . <i>Physical Review Letters</i> , 2013, 110, 152501. http://www.w3.org/1998/Math/MathML display="inline" < mml:mrow > < mml:mmultiscripts > < mml:mrow > < mml:mi > Mg </ mml:mi > </ mml:mrow > < mml:mprescripts /> < mml:none /> < mml:mrow > < mml:mn > 37 </ mml:mn > </ mml:mrow > </ mml:mmultiscripts > </ mml:mrow > </ mml:math >	2.9	102
111	PGPU Application to the Computation of Hamiltonian Matrix Elements between Non-orthogonal Slater Determinants in the Monte Carlo Shell Model. <i>Procedia Computer Science</i> , 2014, 29, 1711-1721.	1.2	1
112	Soil Radioactivity of ^{131}I Measured by α -Pilot Investigation. <i>Radioisotopes</i> , 2014, 63, 279-282.	0.1	0
113	Three-Body Forces and Neutron-Rich Exotic Nuclei. <i>Few-Body Systems</i> , 2013, 54, 891-896.	0.7	6
114	Benchmark of the No-Core Monte Carlo Shell Model in Light Nuclei. <i>Few-Body Systems</i> , 2013, 54, 1371-1375.	0.7	2
115	Evidence for a new nuclear "magic number" from the level structure of ^{54}Ca . <i>Nature</i> , 2013, 502, 207-210.	13.7	308
116	Valence nucleon populations in the Ni isotopes. <i>Physical Review C</i> , 2013, 87, .	1.1	51
117	Exotic nuclei and nuclear forces. <i>Physica Scripta</i> , 2013, T152, 014007.	1.2	78
118	Efficient computation of Hamiltonian matrix elements between non-orthogonal Slater determinants. <i>Computer Physics Communications</i> , 2013, 184, 102-108.	3.0	15
119	Spin and magnetic moments of ^{100}Sn . <i>Physical Review Letters</i> , 2013, 110, 152501. http://www.w3.org/1998/Math/MathML display="inline" < mml:mmultiscripts > < mml:mi mathvariant="bold" > K </ mml:mi > < mml:mprescripts /> < mml:none /> < mml:mrow > < mml:mn > 49 </ 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="bold" > K </ mml:mi > < mml:mprescripts /> < mml:none /> < mml:mrow > < mml:mn > 50 </ mml:mn > </ mml:mrow > </ mml:mmultiscripts > </ mml:math >	2.9	44
120	Neutron single-particle strength outside the ^{100}Sn : Establishing the ^{100}Sn core. <i>Physical Review C</i> , 2013, 87, .	1.1	32
121	Investigating the strength of the $N=34$ subshell closure in ^{54}Ca . <i>Journal of Physics: Conference Series</i> , 2013, 445, 012012.	0.3	8
122	Large-Scale Emergency Measurement of Environment Radiation by Nuclear Physicists and What We Can Learn from It. <i>Radioisotopes</i> , 2013, 62, 746-751.	0.1	0
123	Superdeformation in the Hg-Pb Region and an Extension of IBM. <i>Progress of Theoretical Physics Supplement</i> , 2013, 125, 165-200.	0.2	0
124	Microscopic Basis of the Interacting Boson Model. <i>Progress of Theoretical Physics Supplement</i> , 2013, 125, 5-48.	0.2	0
125	Shell Evolution around and beyond $N=28$ Studied with Large-Scale Shell-Model Calculations. <i>Progress of Theoretical Physics Supplement</i> , 2012, 196, 304-309.	0.2	15
126	Gamow-Teller Strengths in Ni Isotopes and Nuclear Weak Processes. <i>Progress of Theoretical Physics Supplement</i> , 2012, 196, 382-387.	0.2	2

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127	Three-body forces and shell structure in calcium isotopes. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 085111.	1.4	132
128	Interacting Boson Model and nucleons. , 2012, , .		0
129	Spin-dependent modes in nuclei and nuclear forces. , 2012, , .		1
130	Decays of isotones with neutron magic number I^2 of N and Z and $N=126$ and $Z=2$.	1.1	103
131	Shell-model study of boron, carbon, nitrogen, and oxygen isotopes with a monopole-based universal interaction. Physical Review C, 2012, 85, .	1.1	118
132	Shape transitions in exotic Si and S isotopes and tensor-force-driven Jahn-Teller effect. Physical Review C, 2012, 86, .	1.1	153
133	Benchmarks of the full configuration interaction, Monte Carlo shell model, and no-core full configuration methods. Physical Review C, 2012, 86, .	1.1	75
134	Robust Regularity in I^3 -Soft Nuclei and Its Microscopic Realization. Physical Review Letters, 2012, 108, 132501.	2.9	53
135	New-generation Monte Carlo shell model for the K computer era. Progress of Theoretical and Experimental Physics, 2012, 2012, .	1.8	122
136	Shell Evolution in Exotic Nuclei and Nuclear Forces. Nuclear Physics News, 2012, 22, 12-17.	0.1	5
137	Shape phase transitions in the interacting boson model: Phenomenological versus microscopic descriptions. Physical Review C, 2012, 85, .	1.1	18
138	One-neutron knockout from ^{51}Sc . European Physical Journal A, 2012, 48, 1.	1.0	5
139	Quadrupole collective dynamics from energy density functionals: Collective Hamiltonian and the interacting boson model. Physical Review C, 2011, 84, .	1.1	19
140	Structural evolution in Pt isotopes with the interacting boson model Hamiltonian derived from the Gogny energy density functional. Physical Review C, 2011, 83, .	1.1	48
141	Microscopic formulation of the interacting boson model for rotational nuclei. Physical Review C, 2011, 83, .	1.1	66
142	Tensor force in effective interaction of nuclear force. Journal of Physics: Conference Series, 2011, 267, 012020.	0.3	1
143	Spin-dependent nuclear weak processes and nucleosynthesis in stars. Progress in Particle and Nuclear Physics, 2011, 66, 385-389.	5.6	8
144	Spectroscopic calculations of the low-lying structure in exotic Os and W isotopes. Physical Review C, 2011, 83, .	1.1	35

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145	Collective structural evolution in neutron-rich Yb, Hf, W, Os, and Pt isotopes. Physical Review C, 2011, 84, .	1.1	48
146	Meaning of antiparallel proton and neutron angular momenta at low spins. Physical Review C, 2011, 84, $\langle \mathbf{I}_p \cdot \mathbf{I}_n \rangle$	1.1	2
147	$\langle \mathbf{I}_p \cdot \mathbf{I}_n \rangle$ -ray spectroscopy of ^{25}Mg	1.1	21
148	Evaluation of electron capture reaction rates in Ni isotopes in stellar environments. Physical Review C, 2011, 83, .	1.1	48
149	Renormalization persistency of the tensor force in nuclei. Physical Review C, 2011, 84, .	1.1	27
150	Spin Modes in Nuclei and Nuclear Forces. , 2011, , .		0
151	Extrapolation method in the Monte Carlo Shell Model and its applications. , 2011, , .		2
152	Structure of unstable nuclei around $N=28$ described by a shell model with the monopole-based universal interaction. , 2011, , .		0
153	Benchmark calculation of no-core Monte Carlo shell model in light nuclei. , 2011, , .		11
154	Electron Capture Reactions and Beta Decays in Stellar Environments. , 2011, , .		1
155	Structure of Neutron-rich Calcium Isotopes and Roles of Three-body Interaction. , 2011, , .		0
156	Geometric classification of nucleon transfer at moderate low-energies. Nuclear Physics A, 2010, 836, 108-118.	0.6	6
157	Two different modes associated with the composite nucleus- the charge and mass distributions for exotic nuclear synthesis -. EPJ Web of Conferences, 2010, 2, 13002.	0.1	0
158	Cross-shell excitations near the β -island of inversion. Structure of ^{30}Mg	1.1	22
159	Formulating the interacting boson model by mean-field methods. Physical Review C, 2010, 81, .	1.1	95
160	Novel extrapolation method in the Monte Carlo shell model. Physical Review C, 2010, 82, .	1.1	45
161	Nuclear spins, magnetic moments, and quadrupole moments of Cu isotopes from $N=28$ to $N=46$: Probes for core polarization effects. Physical Review C, 2010, 82, .	1.1	86
162	Collectivity at $N=50$: ^{82}Ge and ^{84}Se . Physical Review C, 2010, 81, .	1.1	28

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163	Three-Body Forces and the Limit of Oxygen Isotopes. Physical Review Letters, 2010, 105, 032501.	2.9	364
164	Two-proton knockout from Mg32: Intruder amplitudes in Ne30 and implications for the binding of F29,31. Physical Review C, 2010, 81, .	1.1	41
165	Suppression of Charge Equilibration Leading to the Synthesis of Exotic Nuclei. Physical Review Letters, 2010, 104, 252501.	2.9	41
166	Recent Progress in Shell-Model Calculations for pfg-shell Nuclei. , 2010, , .		1
167	Shell evolution and existence limit of exotic nuclei and the nuclear force. , 2010, , .		0
168	Novel Features of Nuclear Forces and Shell Evolution in Exotic Nuclei. Physical Review Letters, 2010, 104, 012501.	2.9	372
169	New Microscopic foundation of Interacting Boson Model and collectivities in exotic nuclei. , 2009, , .		0
170	Low-lying Continuum States in Oxygen Isotopes. , 2009, , .		1
171	One-Neutron Removal Measurement Reveals ^{24}O as a New Doubly Magic Nucleus. Physical Review Letters, 2009, 102, 152501.	2.9	184
172	Covariant density functional theory: The role of the pion. Physical Review C, 2009, 80, .	1.1	39
173	Appearance of cluster states in ^{13}C . Physical Review C, 2009, 79, .	1.1	34
174	High-lying, non-yrast shell structure in ^{52}Ti . Physical Review C, 2009, 80, .	1.1	13
175	High-lying, non-yrast shell structure in ^{56}Fe and ^{56}Ni . Physical Review C, 2009, 80, .	1.1	38
176	EXOTIC ELECTROMAGNETIC TRANSITIONS IN NEUTRON-RICH CARBON ISOTOPES. International Journal of Modern Physics E, 2009, 18, 1992-1996.	0.4	3
177	HADRONIC INTERACTION AND STRUCTURE OF EXOTIC NUCLEI. International Journal of Modern Physics E, 2009, 18, 1981-1985.	0.4	0
178	Reduced charge equilibration in heavy-ion collisions at higher energies. , 2009, , .		2
179	Shell evolution in the sd-pf shell studied by the shell model. , 2009, , .		7
180	Structure of ^{55}Ti from relativistic one-neutron knockout. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 675, 22-27.	1.5	24

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181	New effective interaction for $\langle \text{pg} \rangle$ nuclei. <i>Physical Review C</i> , 2009, 80, .	1.1	33
182	Halo Structure of the Island of Inversion Nucleus $\langle \text{Ne} \rangle$. <i>Physical Review Letters</i> , 2009, 103, 262501.	2.9	182
183	Hadronic Interaction and Exotic Nuclei. , 2009, , .		0
184	Structure of Light Neutron-Rich Nuclei and Important Roles of Tensor Interaction. , 2009, , .		0
185	Nucleon transfer in deep inelastic collisions at intermediate energies. , 2009, , .		0
186	New Microscopic Derivation of the Interacting Boson Model and Its Applications to Exotic Nuclei. , 2009, , .		0
187	Exotic Nuclei and Yukawa's Forces. <i>Nuclear Physics A</i> , 2008, 805, 127c-136c. g factor of the exotic $\langle N \rangle$	0.6	35
188	isotope ^{34}Al : probing the $\langle N \rangle$ and $\langle N \rangle$	1.5	49
189	Shell evolution in exotic nuclei. <i>European Physical Journal: Special Topics</i> , 2008, 156, 169-174.	1.2	4
190	Mean-Field Derivation of the Interacting Boson Model Hamiltonian and Exotic Nuclei. <i>Physical Review Letters</i> , 2008, 101, 142501.	2.9	105
191	ALPHA-CLUSTER STRUCTURE IN ^{13}C . <i>International Journal of Modern Physics E</i> , 2008, 17, 2076-2080.	0.4	0
192	DELTA-HOLE EFFECTS ON THE SHELL EVOLUTION OF NEUTRON-RICH EXOTIC NUCLEI. <i>Modern Physics Letters A</i> , 2008, 23, 2568-2570.	0.5	1
193	THE COMPETITIVE REACTION MECHANISM IN EXOTIC NUCLEAR REACTIONS. <i>International Journal of Modern Physics E</i> , 2008, 17, 1660-1668.	0.4	4
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