Yutaka Utsuno

List of Publications by Year
in descending order

187 papers	6,512 citations	81900 39 h-index	69250 77 g-index
188 all docs	188 docs citations	188 times ranked	1874 citing authors

#	Article	IF	Citations
1	A first glimpse at the shell structure beyond 54Ca: Spectroscopy of 55K, 55Ca, and 57Ca. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 136953.	4.1	4
2	Probing Different Characteristics of Shell Evolution Driven by Central, Spin-Orbit, and Tensor Forces. Physics, 2022, 4, 185-201.	1.4	1
3	Î²-decay half-lives of neutron-rich N=82,81 isotones by shell-model calculations. EPJ Web of Conferences, 2022, 260, 11049.	0.3	0
4	In-beam <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:miÎ³</mml:mi></mml:math> -ray spectroscopy of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:miMg</mml:mi><mml:mprescripts /><mml:none /><mml:mn32</mml:mn></mml:mmultiscripts></mml:math> via direct reactions. Physical Review C, 2022, 105, .	2.9	2
5	Î±-Clustering in atomic nuclei from first principles with statistical learning and the Hoyle state character. Nature Communications, 2022, 13, 2234.	12.8	22
6	Electric Monopole Transition from the Superdeformed Band in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:miCa</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn40</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>. Physical Review Letters, 2022, 128, .	7.8	2
7	Variational approach with the superposition of the symmetry-restored quasiparticle vacua for nuclear shell-model calculations. Physical Review C, 2021, 103, .	2.9	15
8	Gamowâ€“Teller transitions of neutron-rich N = 82,81 nuclei by shell-model calculations. Progress of Theoretical and Experimental Physics, 2021, 2021, .	6.6	5
9	First spectroscopic study of 51Ar by the (p,2p) reaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 814, 136108.	4.1	5
10	High-spin states in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">S</mml:mi><mml:mprescripts /><mml:none /><mml:mn35</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2021, 103, .	2.9	4
11	Cross-shell excitations in Ca46 studied with fusion reactions induced by a reaccelerated rare isotope beam. Physical Review C, 2021, 103, .	2.9	3
12	Pairing Forces Govern Population of Doubly Magic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:miCa</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn54</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> from Direct Reactions. Physical Review Letters, 2021, 126, 252501.	7.8	11
13	Lifetime measurements of excited states in Cr55. Physical Review C, 2021, 104, .	2.9	2
14	Neutron capture cross sections of light neutron-rich nuclei relevant for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mir</mml:mi></mml:math> -process nucleosynthesis. Physical Review C, 2021, 104, .	2.9	3
15	Coexisting normal and intruder configurations in 32Mg. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136682.	4.1	6
16	Investigation of the ground-state spin inversion in the neutron-rich <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:miCl</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn47</mml:mn><mml:mo>,</mml:mo><mml:mn49</mml:mn></mml:mrow></mml:mmultiscripts></mml:math> isotopes. Physical Review C, 2021, 104, .	2.9	6
17	self-conjugate nuclei in ab initio no-core Monte Carlo shell model calculations with nonlocal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn4</mml:mn><mml:mi>n</mml:mi></mml:mrow></mml:math>	2.9	9
18	Structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:miMg</mml:mi><mml:mprescripts /><mml:none /><mml:mn30</mml:mn></mml:mmultiscripts></mml:math> explored via in-beam <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:miÎ³</mml:mi></mml:math> -ray spectroscopy. Physical Review C, 2020, 102, .	2.9	4

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19	The impact of nuclear shape on the emergence of the neutron dripline. Nature, 2020, 587, 66-71.	27.8	48
20	Low-energy super Gamowâ€“Teller (LeSGT) and anti-LeSGT transitions. European Physical Journal A, 2020, 56, 1.	2.5	5
21	Evolution of shell structure in exotic nuclei. Reviews of Modern Physics, 2020, 92, .	45.6	218
22			

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37	Nuclear moments of the low-lying isomeric 1+ state of 34Al: Investigation on the neutron 1p1h excitation across Nâ€¯=â€¯20 in the island of inversion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 619-626.	4.1	8
38	E1 Strength Function in the Monte Carlo Shell Model. , 2018, , .		1
39	Intruder configurations in the ground state of 30Ne. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 58-62.	4.1	19
40	Monte Carlo shell model studies with massively parallel supercomputers. Physica Scripta, 2017, 92, 063001.	2.5	35
41	Cross-shell excitations from the fp shell: Lifetime measurements in Zn61. Physical Review C, 2017, 96, .	2.9	5
42	In-beam Î³ -ray spectroscopy of Mg35 via knockout reactions at intermediate energies. Physical Review C, 2017, 96, .	2.9	5
43	Structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Sc</mml:mi><mml:mprescripts /><mml:none /><mml:mn>55</mml:mn></mml:mmultiscripts></mml:math> and development of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>34</mml:mn></mml:math> shell gap	2.9	18
44	Structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="bold">Si</mml:mi><mml:mprescripts /><mml:none		

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55	Single-Neutron Knockout Reaction from ³⁰Ne. , 2015, , .		1
56	Frontier of Nuclear Shell-Model Calculations and High Performance Computing. , 2015, , .		1
57	Ingredients of Nuclear Matrix Element for Two-Neutrino Double-Beta Decay of ⁴⁸Ca. , 2015, , .		7
58	Nature of Isomerism in Exotic Sulfur Isotopes. Physical Review Letters, 2015, 114, 032501.	7.8	41
59	Identification of deformed intruder states in semi-magic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>70</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2015, 91, .	2.9	40
60	Large-scale shell-model calculations for unnatural-parity high-spin states in neutron-rich Cr and Fe isotopes. Physical Review C, 2015, 91, .	2.9	24
61	Photonuclear reactions of calcium isotopes calculated with the nuclear shell model. Progress in Nuclear Energy, 2015, 82, 102-106.	2.9	9
62	Nuclear structure of 37, 38Si investigated by decay spectroscopy of 37, 38Al. European Physical Journal A, 2015, 51, 1.	2.5	8
63	Recent Advances in Shell Evolution with Shell-Model Calculations. , 2015, , .		5
64	In-Beam Î³-Ray Spectroscopy of Very Neutron-Rich N = 32 and 34 Nuclei. , 2015, , .		0
65	Study of nuclei aroundZ= 28 by large-scale shell model calculations. EPJ Web of Conferences, 2014, 66, 02105.	0.3	1
66	Monte Carlo Shell Model forab initionuclear structure. EPJ Web of Conferences, 2014, 66, 02001.	0.3	2
67	Rotational level structure of sodium isotopes inside the "island of inversion". Progress of Theoretical and Experimental Physics, 2014, 2014, 53D01-0.	6.6	15
68	Shape coexistence in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mn>68</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2014, 89, .	2.9	71
69	Novel shape evolution in exotic Ni isotopes and configuration-dependent shell structure. Physical Review C, 2014, 89, .	2.9	150
70	Deformation-Driven<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi></mml:math>-Wave Halos at the Drip Line:<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Ne</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>31</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>. P	7.8	73
71	Spectroscopic factors of 5- Ni hole-states from mul<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mo stretchy="false">(</mml:mo><mml:mi mathvariant="normal">p</mml:mi><mml:mo>,</mml:mo><mml:mi>	4.1	12
72	Observation of a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi></mml:math>-Wave One-Neutron Halo Configuration in<mml:math xmlns:mml="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>. P	7.8	102

#	Article	IF	Citations
73	GPGPU Application to the Computation of Hamiltonian Matrix Elements between Non-orthogonal Slater Determinants in the Monte Carlo Shell Model. Procedia Computer Science, 2014, 29, 1711-1721.	2.0	1
74	International Symposium on Exotic Nuclear Structure From Nucleons (ENSFN 2012). Journal of Physics: Conference Series, 2013, 445, 011001.	0.4	0
75	Benchmark of the No-Core Monte Carlo Shell Model in Light Nuclei. Few-Body Systems, 2013, 54, 1371-1375.	1.5	2
76	Evidence for a new nuclear â€˜magic numberâ€™ from the level structure of 54Ca. Nature, 2013, 502, 207-210.	27.8	308
77	Efficient computation of Hamiltonian matrix elements between non-orthogonal Slater determinants. Computer Physics Communications, 2013, 184, 102-108.	7.5	15
78	Towards unified description of shell evolution â€” Takaharu Otsuka's achievements. Journal of Physics: Conference Series, 2013, 445, 012008.	0.4	3
79	Spin and magnetic moments of<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:mn>49</mml:mn></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:mn>51</mml:mn></mml:mmultiscripts></mml:math>: Establishing the<mml:math xmlns:mml="ht	7.8	44
80	Limited Asymmetry Dependence of Correlations from Single Nucleon Transfer. Physical Review Letters, 2013, 110, 122503.	7.8	76
81	Investigating the strength of theN= 34 subshell closure in54Ca. Journal of Physics: Conference Series, 2013, 445, 012012.	0.4	8
82	Recent development of Monte Carlo shell model and its application to no-core calculations. Journal of Physics: Conference Series, 2013, 454, 012066.	0.4	4
83	History and future perspectives of the Monte Carlo shell model -from Alphleet to K computer-. Journal of Physics: Conference Series, 2013, 445, 012004.	0.4	0
84	No-Core MCSM calculation for10Be and12Be low-lying spectra. Journal of Physics: Conference Series, 2013, 445, 012005.	0.4	1
85	Study of nuclei around Z = 28 by large-scale shell model calculations. Journal of Physics: Conference Series, 2013, 445, 012028.	0.4	9
86	Shell Evolution around and beyond $N=28$ Studied with Large-Scale Shell-Model Calculations. Progress of Theoretical Physics Supplement, 2012, 196, 304-309.	0.1	15
87	Variational procedure for nuclear shell-model calculations and energy-variance extrapolation. Physical Review C, 2012, 85, .	2.9	27
88	Shape transitions in exotic Si and S isotopes and tensor-force-driven Jahn-Teller effect. Physical Review C, 2012, 86, .	2.9	153
89	High-spin spectrum of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>24</mml:mn></mml:msup></mml:math>Mg studied through multiparticle angular correlations. Physical Review C, 2012, 85, .	2.9	10
90	Benchmarks of the full configuration interaction, Monte Carlo shell model, and no-core full configuration methods. Physical Review C, 2012, 86, .	2.9	75

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91	New-generation Monte Carlo shell model for the K computer era. Progress of Theoretical and Experimental Physics, 2012, 2012, .	6.6	122
92	Erosion of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>20</mml:mn></mml:math> shell in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">Al</mml:mi></mml:mrow><mml:mprescripts /><mml:none /></mml:mmultiscripts></mml:math> investigated	4.1	11
93	No-core Monte Carlo shell-model calculation for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>10</mml:mn></mml:msup></mml:math>Be and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>12</mml:mn></mml:msup></mml:math>Be. Physical Review C, 2012, 86, .	2.9	29
94	Matter radii of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow /><mml:mrow><mml:mn>32</mml:mn><mml:mo>â^’</mml:mo><mml:mn>35</mml:mn></mml:mrow></mml:msup></mml:mrow></m Physical Review C, 2011, 83, .	2.9	32
95	Multiparticle-multihole states around<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>16</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>and correlations near the shell gap. Physical Review C, 2011, 83, .	2.9	62
96	In-beam<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>I</mml:mi></mml:mrow></mml:math>-ray spectroscopy of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Mg</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>35</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>and<mml:math x	2.9	21
97	Extrapolation method in the Monte Carlo Shell Model and its applications. , 2011, , .		2
98	Structure of unstable nuclei around Nâ€‰=â€‰28 described by a shell model with the monopole-based universal interaction. , 2011, , .		0
99	Benchmark calculation of no-core Monte Carlo shell model in light nuclei. , 2011, , .		11
100	Structure of 33Mg sheds new light on the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>20</mml:mn></mml:math> island of inversion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 691, 232-237.	4.1	36
101	Cross-shell excitations near the a€œisland of inversiona€ Structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Mg</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>30</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2010, 82, .	2.9	22
102	Novel extrapolation method in the Monte Carlo shell model. Physical Review C, 2010, 82, .	2.9	45
103	Two-proton knockout fromMg32: Intruder amplitudes inNe30and implications for the binding ofF29,31. Physical Review C, 2010, 81, .	2.9	41
104	TripathietÂal.Reply:. Physical Review Letters, 2010, 104, .	7.8	5
105	Half-lives of Nâ€‰=â€‰126 Isotones and the r-Process. , 2010, , .		0
106	Novel Features of Nuclear Forces and Shell Evolution in Exotic Nuclei. Physical Review Letters, 2010, 104, 012501.	7.8	372
107	Shell Closure Nâ€‰=â€‰16 in [sup 24]O. , 2009, , .		1
108	One-Neutron Removal Measurement Reveals<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="bold">O</mml:mi><mml:mprescripts /><mml:none /><mml:mn>24</mml:mn></mml:mmultiscripts></mml:math>as a New Doubly Magic Nucleus. Physical Review Letters, 2009, 102, 152501.	7.8	184

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109	n structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Cl</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>37</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>, intruder excitations, and the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="italic">sd</mml:mi><mml:mtext>â€“</mml:mtext><mml:mi mathvariant="italic">fp</mml:mi>	2.9	13
110	Shell evolution in the sd-pf shell studied by the shell model. , 2009, , .		7
111	Precision measurement of the electric quadrupole moment of 31Al and determination of the effective proton charge in the sd-shell. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 678, 344-349.	4.1	19
112	Halo Structure of the Island of Inversion Nucleus<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Ne</mml:mi><mml:mprescripts /><mml:none /><mml:mn>31</mml:mn></mml:mmultiscripts></mml:math>. Physical Review Letters, 2009, 103, 262501.	7.8	182
113	Hadronic Interaction and Exotic Nuclei. , 2009, , .		0
114	Exotic Nuclei and Yukawa's Forces. Nuclear Physics A, 2008, 805, 127c-136c.	1.5	35
115	g factor of the exotic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>21</mml:mn></mml:math> isotope 34Al: probing the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>20</mml:mn></mml:math>	4.1	49
116	and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.gif" overflow="scroll"> Quadrupole moment of 37K. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 662, 389-395.	4.1	7
117	Intruder excitations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">P</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>35</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2008, 78, .	2.9	16
118	Intermediate-energy Coulomb excitation ofNa30. Physical Review C, 2008, 78, .	2.9	14
119	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>d</mml:mi><mml:mrow><mml:mn>5</mml:mn><mml:mo>/</mml:mo><mml:mn> hole strength in neutron-rich<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">P</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>43</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>:	2.9	25
120	Single-neutron knockout from intermediate energy beams of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Mg</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>30</mml:mn><mml:mo>,</mml:mo><mml:mn>32</mml:mn></mml:mrow></mml:mmultiscripts></mml:math> Mapping the transition into the â€œisland of inversionâ€. Physical Review C, 2008, 77, .	2.9	82
121	Excited intruder states in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Mg</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>32</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2008, 77, .	2.9	34
122	Intruder Configurations in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>A</mml:mi><mml:mo>=</mml:mo><mml:mn>33</mml:mn></mml:math>Isobars:<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Mg</mml:mi><mml:mprescripts /><mml:none /><mml:mn>33</mml:mn></mml:mmultiscripts></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Al<	7.8	56
123	Competition between normal and intruder states inside the â€œisland of inversionâ€. Physical Review C, 2007, 76, .	2.9	28
124	Spectroscopy of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Mg</mml:mi><mml:mprescripts /><mml:none /><mml:mn>36</mml:mn></mml:mmultiscripts></mml:math>: Interplay of Normal and Intruder Configurations at the Neutron-Rich Boundary of the â€œIsland of Inversionâ€. Physical Review Letters, 2007, 98, 072502.	7.8	78
125	xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd"	4.1	34
126	Structure of unstable nuclei in the sd-pf shell region by shell model with proper tensor force. European Physical Journal: Special Topics, 2007, 150, 187-188.	2.6	2

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127	High spin structure and intruder configurations inP31. Physical Review C, 2006, 73, .	2.9	27
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