# 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 | Magic Numbers in Exotic Nuclei and Spin-Isospin Properties of theNNInteraction. Physical Review Letters, 2001, 87, 082502. | 7.8 | 604 |
| 2 | Varying shell gap and deformation inNâ¼20unstable nuclei studied by the Monte Carlo shell model. Physical Review C, 1999, 60, . | 2.9 | 413 |
| 3 | Novel Features of Nuclear Forces and Shell Evolution in Exotic Nuclei. Physical Review Letters, 2010, 104, 012501. | 7.8 | 372 |
| 4 | Evidence for a new nuclear â€˜magic numberâ€™ from the level structure of 54Ca. Nature, 2013, 502, 207-210. | 27.8 | 308 |
| 5 | Monte Carlo shell model for atomic nuclei. Progress in Particle and Nuclear Physics, 2001, 47, 319-400. | 14.4 | 273 |
| 6 | Evolution of shell structure in exotic nuclei. Reviews of Modern Physics, 2020, 92, . | 45.6 | 218 |
| 7 | 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, 103, 152501. | 7.8 | 184 |
| 8 | Thick-restart block Lanczos method for large-scale shell-model calculations. Computer Physics Communications, 2019, 244, 372-384. | 7.5 | 183 |
| 9 | 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 |
| 10 | Measurement of the Spin and Magnetic Moment ofMg31: Evidence for a Strongly Deformed Intruder Ground State. Physical Review Letters, 2005, 94, 022501. | 7.8 | 164 |
| 11 | Shape transitions in exotic Si and S isotopes and tensor-force-driven Jahn-Teller effect. Physical Review C, 2012, 86, . | 2.9 | 153 |
| 12 | Novel shape evolution in exotic Ni isotopes and configuration-dependent shell structure. Physical Review C, 2014, 89, . | 2.9 | 150 |
| 13 | Onset of intruder ground state in exoticNaisotopes and evolution of theN=20shell gap. Physical Review C, 2004, 70, . | 2.9 | 149 |
| 14 | New-generation Monte Carlo shell model for the K computer era. Progress of Theoretical and Experimental Physics, 2012, 2012, . | 6.6 | 122 |
| 15 | Extreme location of F drip line and disappearance of theN=20magic structure. Physical Review C, 2001, 64, . | 2.9 | 109 |
| 16 | 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:mn>37</mml:mn></mml:mmultiscripts></mml:mrow></mml:math>. | 7.8 | 102 |
| 17 | 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:mn>32</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2008, 77, . | 2.9 | 82 |
| 18 | Large-Scale Shell-Model Analysis of the Neutrinoless<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi><mml:mi>Î²</mml:mi></mml:math>Decay of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Ca</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>48</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></ | 7.8 | 79 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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, 99, 072502. | 7.8 | 78 |
| 20 | Limited Asymmetry Dependence of Correlations from Single Nucleon Transfer. Physical Review Letters, 2013, 110, 122503. | 7.8 | 76 |
| 21 | Benchmarks of the full configuration interaction, Monte Carlo shell model, and no-core full configuration methods. Physical Review C, 2012, 86, . | 2.9 | 75 |
| 22 | Shape coexistence in doubly-magic56Niby the Monte Carlo shell model. Physical Review C, 1999, 59, R1846-R1850. | 2.9 | 74 |
| 23 | Na29: Defining the Edge of the Island of Inversion forZ=11. Physical Review Letters, 2005, 94, 162501. | 7.8 | 73 |
| 24 | 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>. | 7.8 | 73 |
| 25 | 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 |
| 26 | Direct evidence for the onset of intruder configurations in neutron-rich Ne isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 640, 86-90. | 4.1 | 68 |
| 27 | 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 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</mml:mi> correlation-energy effect on the shell gap. Physical Review C, 2011, 83, . | 2.9 | 62 |
| 28 | Search for neutron excitations across theN=20shell gap inNe25â^29. Physical Review C, 2005, 72, . | 2.9 | 49 |
| 29 | 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> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.gif" overflow="scroll" | 4.1 | 49 |
| 30 | Electromagnetic structure of 98Mo. Nuclear Physics A, 2002, 712, 3-13. | 1.5 | 48 |
| 31 | Quasifree Neutron Knockout from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Ca</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>54</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> Corroborates Arising <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>34</mml:mn></mml:math> Neutr | 7.8 | 48 |
| 32 | The impact of nuclear shape on the emergence of the neutron dripline. Nature, 2020, 587, 66-71. | 27.8 | 48 |
| 33 | Î²-delayed Î³ spectroscopy of neutron richNa27,28,29. Physical Review C, 2006, 73, . | 2.9 | 45 |
| 34 | Novel extrapolation method in the Monte Carlo shell model. Physical Review C, 2010, 82, . | 2.9 | 45 |
| 35 | Spins 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 |
| 36 | | | |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Shell-model description of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Ar</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>50</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> and the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>N</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>32</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> Subshe | 7.8 | 44 |
| 38 | Two-proton knockout from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mi>Mg</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>32</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>: Intruder amplitudes in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mi>Ne</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>30</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> and implications for the binding of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mi>F</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>29,31</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>. Physical Review C, 2010, 81, . | 2.9 | 41 |
| 39 | Nature of Isomerism in Exotic Sulfur Isotopes. Physical Review Letters, 2015, 114, 032501. | 7.8 | 41 |
| 40 | 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 |
| 41 | Frontiers and challenges of nuclear shell model. European Physical Journal A, 2002, 15, 151-155. | 2.5 | 36 |
| 42 | Measurement of the spin and magnetic moment of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mi>Al</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>23</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>. Physical Review C, 2006, 74, . | 2.9 | 36 |
| 43 | 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, | 4.1 | 36 |
| 44 | Low-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Z</mml:mi></mml:math> shore of the â€œisland of inversionâ€• and the reduced neutron magicity toward <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none /><mml:mn>28</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2017, 95, . | 2.9 | 36 |
| 45 | Exotic Nuclei and Yukawa's Forces. Nuclear Physics A, 2008, 805, 127c-136c. | 1.5 | 35 |
| 46 | Monte Carlo shell model studies with massively parallel supercomputers. Physica Scripta, 2017, 92, 063001. | 2.5 | 35 |
| 47 | The <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" 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" | 4.1 | 34 |
| 48 | 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 |
| 49 | Low spin structure of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>N</mml:mi></mml:math>=Zodd-odd nucleus <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mi>V</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>23</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>. Physical Review C, 1999, 60, . | 2.9 | 33 |
| 50 | Systematic shell-model study of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math> -decay properties and Gamow-Teller strength distributions in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>A</mml:mi><mml:mo>â‰ˆ</mml:mo><mml:mn>40</mml:mn></mml:math> neutron-rich nuclei. Physical Review C, 2018, 97, . | 2.9 | 33 |
| 51 | 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></mml:math> Physical Review C, 2011, 83, . | 2.9 | 32 |
| 52 | 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 low-lying spectra. Physical Review C, 2012, 86, . | 2.9 | 29 |
| 53 | Competition between normal and intruder states inside the â€œisland of inversionâ€• Physical Review C, 2007, 76, . | 2.9 | 28 |
| 54 | High spin structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mi>S</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>34</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> and the proton-neutron coupling of intruder states. Physical Review C, 2005, 71, . | 2.9 | 27 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | High spin structure and intruder configurations inP31. Physical Review C, 2006, 73, . | 2.9 | 27 |
| 56 | Variational procedure for nuclear shell-model calculations and energy-variance extrapolation. Physical Review C, 2012, 85, . | 2.9 | 27 |
| 57 | <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:m 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>: Shell structure and. Physical Review C, 2008, 78, . | 2.9 | 25 |
| 58 | | | |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | 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 |
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| 75 | 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 |
| 76 | Efficient computation of Hamiltonian matrix elements between non-orthogonal Slater determinants. Computer Physics Communications, 2013, 184, 102-108. | 7.5 | 15 |
| 77 | Rotational level structure of sodium isotopes inside the "island of inversion". Progress of Theoretical and Experimental Physics, 2014, 2014, 53D01-0. | 6.6 | 15 |
| 78 | Variational approach with the superposition of the symmetry-restored quasiparticle vacua for nuclear shell-model calculations. Physical Review C, 2021, 103, . | 2.9 | 15 |
| 79 | A new isomer in 136 Ba populated by deep inelastic collisions. European Physical Journal A, 2004, 20, 207-210. | 2.5 | 14 |
| 80 | Intermediate-energy Coulomb excitation ofNa30. Physical Review C, 2008, 78, . | 2.9 | 14 |
| 81 | One-neutron pickup into<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ca</mml:mi><mml:mprescripts /><mml:none /><mml:mn>49</mml:mn></mml:mmultiscripts></mml:math>: Bound neutron<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>g</mml:mi><mml:mrow><mml:mn>9</mml:mn></mml:mrow></mml:msub></mml:math> strength at<mml:math | 2.9 | 14 |
| 82 | Experimental study of Gamow-Teller transitions via the high-energy-resolution <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none /><mml:mn>18</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mmultiscripts><mml:mi>He</mml:mi><mml:mprescripts) | 2.9 | 14 |
| 83 | Approaching rotational collectivity in odd-odd Nî—»Z nuclei in pf-shell. Progress in Particle and Nuclear Physics, 2001, 46, 197-204. | 14.4 | 13 |
| 84 | Monte Carlo shell model calculation for unstable nuclei around N=20. Nuclear Physics A, 2002, 704, 50-59. | 1.5 | 13 |
| 85 | High-spin 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 |
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| 89 | 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 | 4.1 | 11 |
| 90 | Isomer spectroscopy in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ba</mml:mi><mml:mprescripts /><mml:none /><mml:mn>133</mml:mn></mml:mmultiscripts></mml:math> and high-spin structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ba</mml:mi><mml:mprescripts /><mml:none /><mml:mn>134</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2019, 100, | 2.9 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Tensor 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:mi>Ca</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>54</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> from Direct Reactions. Physical Review Letters, 2021, 126, 252501. | 7.8 | 11 |
| 92 | Structure of unstable nuclei. Progress in Particle and Nuclear Physics, 2001, 46, 155-164. | 14.4 | 10 |
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