# Furong Xu

## List of Publications by Year in descending order

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Version: 2024-02-01

| 386 | 6,419 | 94269 37 | 128067 60 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 391 | 391 | 391 | 2339 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Universal Decay Law in Charged-Particle Emission and Exotic Cluster Radioactivity. Physical Review Letters, 2009, 103, 072501. | 2.9 | 286 |
| 2 | Microscopic mechanism of charged-particle radioactivity and generalization of the Geiger-Nuttall law. Physical Review C, 2009, 80, . | 1.1 | 173 |
| 3 | Multi-quasiparticle potential-energy surfaces. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 435, 257-263. | 1.5 | 162 |
| 4 | Quadrupole pairing interaction and signature inversion. Nuclear Physics A, 2000, 669, 119-134. | 0.6 | 127 |
| 5 | Î±-decay calculations of heavy and superheavy nuclei using effective mean-field potentials. Physical Review C, 2007, 76, . | 1.1 | 122 |
| 6 | Enhanced Stability of Superheavy Nuclei Due to High-Spin Isomerism. Physical Review Letters, 2004, 92, 252501. | 2.9 | 118 |
| 7 | Shell-model study of boron, carbon, nitrogen, and oxygen isotopes with a monopole-based universal interaction. Physical Review C, 2012, 85, . | 1.1 | 118 |
| 8 | Isomers in neutron-rich A â‰ˆ 190 nuclides from 208Pb fragmentation. European Physical Journal A, 2005, 23, 201-215. | 1.0 | 94 |
| 9 | K-forbidden transitions from multi-quasiparticle states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 408, 42-46. | 1.5 | 82 |
| 10 | Oblate stability ofAâ‰ˆ110nuclei near ther-process path. Physical Review C, 2002, 65, . | 1.1 | 81 |
| 11 | Effect of the Tensor Force on the Charge Exchange Spin-Dipole Excitations of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Pb</mml:mi><mml:mprescripts /><mml:none /><mml:mn>208</mml:mn></mml:mmultiscripts></mml:math>. Physical Review Letters, 2010, 105, 072501. | 2.9 | 79 |
| 12 | Observation of Enhanced Monopole Strength and Clustering inBe12. Physical Review Letters, 2014, 112, 162501. | 2.9 | 78 |
| 13 | Level structure of the neutron-richCr56,58,60isotopes: Single-particle and collective aspects. Physical Review C, 2006, 74, . | 1.1 | 75 |
| 14 | Isomer spectroscopy of neutron rich 190W116. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 491, 225-231. | 1.5 | 74 |
| 15 | Effect of tensor correlations on Gamowâ€“Teller states in 90Zr and 208Pb. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 675, 28-31. | 1.5 | 74 |
| 16 | Quenching of Gamow-Teller strength due to tensor correlations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Zr</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>90</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Pb</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>208</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. | 1.1 | 70 |
| 17 | <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mi>Î²</mml:mi><mml:mrow><mml:mo>â^'</mml:mo></mml:mrow></mml:msup></mml:mrow> spectroscopy of neutron-rich tantalum nuclei: Shape evolution in neutron-rich tungsten isotopes. Physical Review C, 2009, 80, . | 1.1 | 69 |
| 18 | Mean-field and blocking effects on odd-even mass differences and rotational motion of nuclei. Physical Review C, 1999, 60, . | 1.1 | 66 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Deformed coordinate-space Hartree-Fock-Bogoliubov approach to weakly bound nuclei and large deformations. Physical Review C, 2008, 78, . | 1.1 | 62 |
| 20 | Mean-field cluster potentials for various cluster decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 642, 322-325. | 1.5 | 61 |
| 21 | Long-lived isomers in neutron-rich<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="bold-italic">Z</mml:mi><mml:mo>=</mml:mo><mml:mn mathvariant="bold">72</mml:mn></mml:mrow></mml:math>â€“76 nuclides. Physical Review C, 2012, 86, . | 1.1 | 57 |
| 22 | Shape polarizations of two-quasiparticleKÏ€=8âˆ’isomeric configurations. Physical Review C, 1999, 59, 731-734. | 1.1 | 53 |
| 23 | Yrast structure in the neutron-rich isotopes<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Fe</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>59</mml:mn><mml:mo>,</mml:mo><mml:mn>60</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>: the role of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>g</mml:mi><mml:mrow><mml:mn>9</mml:mn><mml:mo>/</mml:mo><mml:mn> | 1.1 | 52 |
| 24 | Observation of isomeric states in neutron deficientAâˆ¼180nuclei following the projectile fragmentation of92Mo. Physical Review C, 2000, 61, . | 1.1 | 51 |
| 25 | Spin-isospin excitations as quantitative constraints for the tensor force. Physical Review C, 2011, 83, . | 1.1 | 51 |
| 26 | Isomer Decay Spectroscopy of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Sm</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>164</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Gd</mml:mi></mml:mrow><mml:mprescripts | 2.9 | 50 |
| 27 | Limit to high-spin isomerism in hafnium isotopes. Physical Review C, 2000, 62, . | 1.1 | 49 |
| 28 | Multi-quasiparticle states in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Rf</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>256</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2009, 79, . | 1.1 | 46 |
| 29 | 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" | 1.5 | 45 |
| 30 | Relationship between Diet Quality, Physical Activity and Health-Related Quality of Life in Older Adults: Findings from 2007Ã¢â‚¬â€œ2014 National Health and Nutrition Examination Survey. Journal of Nutrition, Health and Aging, 2018, 22, 1072-1079. | 1.5 | 45 |
| 31 | Helium-helium clustering states inBe12. Physical Review C, 2015, 91, . | 1.1 | 44 |
| 32 | Detailed Î³-ray spectroscopy of55Crand56Cr:Confirmation of the subshell closure atN=32. Physical Review C, 2003, 67, . | 1.1 | 42 |
| 33 | Quasifree (p,pd) Knockout Reaction Reveals a Small <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>s</mml:mi></mml:math> -Orbital Component in the Borromean Nucleus <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">B</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:m | 2.9 | 42 |
| 34 | Density distributions of superheavy nuclei. Physical Review C, 2005, 71, . | 1.1 | 40 |
| 35 | Effects of high-order deformation on high-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>K</mml:mi></mml:mrow></mml:math>isomers in superheavy nuclei. Physical Review C, 2011, 83, . | 1.1 | 40 |
| 36 | High-K structures and triaxiality in 186Os. Nuclear Physics A, 1999, 652, 103-131. | 0.6 | 39 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Two-quasiparticle K-isomers and pairing strengths in the neutron-rich isotopes 174Er and 172Er. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 635, 200-206. | 1.5 | 39 |
| 38 | Multi-quasiparticle excitation: Extending shape coexistence in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>A</mml:mi><mml:mo>~</mml:mo><mml:mn>190</mml:mn></mml:mrow></mml:math>neutron nuclei. Physical Review C, 2010, 82, . | 1.1 | 39 |
| 39 | Low-energy collective Gamow-Teller states and isoscalar pairing interaction. Physical Review C, 2014, 90, . | 1.1 | 38 |
| 40 | Resonance and continuum Gamow shell model with realistic nuclear forces. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 227-232. | 1.5 | 38 |
| 41 | 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 |
| 42 | White paper: from bound states to the continuum. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 123001. | 1.4 | 38 |
| 43 | Weakly deformed oblate structures in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msubsup><mml:mrow /><mml:mrow><mml:mn>76</mml:mn></mml:mrow><mml:mrow><mml:mn>198</mml:mn></mml:mrow></mml:msubsup></mml:mrow></mml:math>. Physical Review C, 2018, 97, . | 1.1 | 37 |
| 44 | Isochronous mass measurements of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>T</mml:mi><mml:mi>z</mml:mi></mml:msub><mml:mo>=</mml:mo><mml:mn>2</mml:mn></mml:mrow></mml:math> , <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>J</mml:mi><mml:mi>Ï€</mml:mi></mml:msup><mml:mo>=</mml:mo><mml:msup><mml:mn>0</mml:mn><mml:mo>+</mml:mo></mml:msup></mml:math> Isobaric Analog State in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mi>Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mn>58</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> -shell nuclei from projectile fragmentation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mn>58</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2018, 98, . | 1.1 | 37 |
| 45 | High-precision QEC values of superallowed 0+â†’ 0+ Î²-emitters 46Cr, 50Fe and 54Ni. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 20-24. | 1.5 | 35 |
| 46 | Identification of the Lowest <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>T</mml:mi><mml:mo>=</mml:mo><mml:mn>2</mml:mn></mml:math> , <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>J</mml:mi><mml:mi>Ï€</mml:mi></mml:msup><mml:mo>=</mml:mo><mml:msup><mml:mn>0</mml:mn><mml:mo>+</mml:mo></mml:msup></mml:math> Isobaric Analog State in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mi>Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mn>58</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> -shell nuclei from projectile fragmentation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mn>58</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2018, 98, . | 2.9 | 34 |
| 47 | Spectroscopy of 74Ge: From soft to rigid triaxiality. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 734, 308-313. | 1.5 | 33 |
| 48 | High-Kisomerism in rotational nuclei. Physica Scripta, 2016, 91, 013010. | 1.2 | 33 |
| 49 | Structure of the doubly midshell nucleus66170Dy104. Physical Review C, 2002, 65, . | 1.1 | 32 |
| 50 | Prediction and possible observation of an oblate shape isomer in 190W. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 635, 286-289. | 1.5 | 32 |
| 51 | Isovector pairing in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>T</mml:mi><mml:mo>=</mml:mo><mml:mn>0</mml:mn></mml:math> pairing in Gamowâ€“Teller states in <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:mi>Z</mml:mi></mml:math> nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, | 1.5 | 32 |
| 52 | Realistic shell-model calculations for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math> -shell nuclei including contributions of a chiral three-body force. Physical Review C, 2018, 98, . | 1.1 | 32 |
| 53 | Competing phenomena: high-seniority excitations and Î³-softness in 184Os. Nuclear Physics A, 2002, 699, 415-449. | 0.6 | 30 |
| 54 | Rotation-driven prolate-to-oblate shape phase transition in 190W: A projected shell model study. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 659, 165-169. | 1.5 | 30 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | New insights into the nuclear structure in neutron-rich 112,114,115,116,117,118Pd. Nuclear Physics A, 2013, 919, 67-98. | 0.6 | 30 |
| 56 | Configuration-constrained total Routhian surfaces with particle-number-conserving pairing. Physical Review C, 2013, 87, . | 1.1 | 30 |
| 57 | Mirror energy difference and the structure of loosely bound proton-rich nuclei around<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>A</mml:mi><mml:mo>=</mml:mo><mml:mn>20</mml:mn></mml:mrow></mml:math>. Physical Review C, 2014, 89, . | 1.1 | 30 |
| 58 | Evolution of ground-state quadrupole and octupole stiffnesses in even-even barium isotopes. Physical Review C, 2015, 92, . | 1.1 | 30 |
| 59 | Ab initio no-core Gamow shell-model calculations of multineutron systems. Physical Review C, 2019, 100, . | 1.1 | 30 |
| 60 | Isomeric states in neutron-deficient<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>A</mml:mi><mml:mo>~</mml:mo><mml:mn>80</mml:mn><mml:mtext>â€“</mml:mtext><mml:mn>100</mml:mn></mml:mrow></mml:math> populated in the fragmentation of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Ag</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>107</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2019, 99, . | 1.1 | 29 |
| 61 | <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Dy</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>168</mml:mn><mml:mo>,</mml:mo><mml:mn>170</mml:mn></mml:mrow></mml:mmultiscripts></mml:math> Yrast band evolution close to the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>N</mml:mi><mml:mrow><mml:mi>p</mml:mi></mml:mrow></mml:msub></mml:mr | 1.1 | 29 |
| 62 | Application of the BruyÃ¨res Jeukenne-Lejeune-Mahaux model potential to composite nuclei with a single-folding approach. Physical Review C, 2011, 83, . | 1.1 | 29 |
| 63 | Rotational bands and signature inversion in odd-oddRe172. Physical Review C, 2003, 68, . | 1.1 | 28 |
| 64 | Î²-delayed proton decays near the proton drip line. Physical Review C, 2005, 71, . | 1.1 | 28 |
| 65 | Isomerism in the â€œsouth-eastâ€•of 132Sn and a predicted neutron-decaying isomer in 129Pd. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 237-242. | 1.5 | 28 |
| 66 | Ab initionuclear many-body perturbation calculations in the Hartree-Fock basis. Physical Review C, 2016, 94, . | 1.1 | 28 |
| 67 | Mass measurements of neutron-deficient Y, Zr, and Nb isotopes and their impact on rp and Î½p nucleosynthesis processes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 358-363. | 1.5 | 28 |
| 68 | Binary-reaction spectroscopy ofMo99,100: Intruder alignment systematics inN=57andN=58isotones. Physical Review C, 2003, 68, . | 1.1 | 27 |
| 69 | Understanding the different rotational behaviors of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>252</mml:mn></mml:msup></mml:math>No and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>254</mml:mn></mml:msup></mml:math>No. Physical Review C, 2012, 86, . | 1.1 | 27 |
| 70 | Structure and decays of nuclear three-body systems: The Gamow coupled-channel method in Jacobi coordinates. Physical Review C, 2017, 96, . | 1.1 | 27 |
| 71 | Ab initio Gamow in-medium similarity renormalization group with resonance and continuum. Physical Review C, 2019, 99, . | 1.1 | 27 |
| 72 | E3 strength of the11â^'to8+isomeric decays inPb194andPb196and oblate deformation. Physical Review C, 2005, 72, . | 1.1 | 26 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Hartree-Fock-Bogoliubov descriptions of deformed weakly bound nuclei in large coordinate spaces. Physical Review C, 2013, 88, . | 1.1 | 26 |
| 74 | A new measurement of the intruder configuration in 12Be. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 412-416. | 1.5 | 26 |
| 75 | Two-neutron halo structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">F</mml:mi><mml:mprescripts /><mml:none /><mml:mn>31</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2020, 101, . | 1.1 | 26 |
| 76 | Favored configurations for four-quasiparticle<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>K</mml:mi></mml:math>isomerism in the heaviest nuclei. Physical Review C, 2014, 89, . | 1.1 | 25 |
| 77 | 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 |
| 78 | Triaxial nuclear shapes at high angular momentum. Physical Review C, 1999, 59, R2334-R2338. | 1.1 | 24 |
| 79 | Shape-driving effects in the triaxial nucleus,Xe128. Physical Review C, 2006, 74, . | 1.1 | 23 |
| 80 | Neutronâ€“proton pairing competition in <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:mi>Z</mml:mi></mml:math> nuclei: Metastable state decays in the proton dripline nuclei 8241Nb and 8643Tc. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 660, 326-330. | 1.5 | 23 |
| 81 | Decay of the high-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>K</mml:mi></mml:math>isomeric state to a rotational band in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>257</mml:mn></mml:msup></mml:math>Rf. Physical Review C, 2013, 88, . | 1.1 | 23 |
| 82 | Contribution of chiral three-body forces to the monopole component of the effective shell-model Hamiltonian. Physical Review C, 2019, 100, . | 1.1 | 23 |
| 83 | An ab-initio Gamow shell model approach with a core. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135206. | 1.5 | 23 |
| 84 | Cranking Bohr-Mottelson Hamiltonian applied to superdeformed bands inAâ¯190 region. Physical Review C, 1994, 49, 1449-1453. | 1.1 | 22 |
| 85 | Anomalous transition strength in the proton-unbound nucleus <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mmultiscripts><mml:mi mathvariant="normal">I</mml:mi><mml:mn>56</mml:mn><mml:none /><mml:mprescripts /><mml:mn>53</mml:mn><mml:mn>109</mml:mn></mml:mmultiscripts></mml:math>. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 118-122 | 1.5 | 22 |
| 86 | Evolution of surface deformations of weakly bound nuclei in the continuum. Physical Review C, 2013, 87, . | 1.1 | 22 |
| 87 | Masses of neutron-rich <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Sc</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>52</mml:mn><mml:mtext>â€“</mml:mtext><mml:mn>54</mml:mn></mml:mrow></mml:mmultiscripts></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ti</mml:mi><mml:mprescripts | 1.1 | 22 |
| 88 | Alternate proof of the Rowe-Rosensteel proposition and seniority conservation. Physical Review C, 2010, 82, . | 1.1 | 21 |
| 89 | Emergent soft monopole modes in weakly bound deformed nuclei. Physical Review C, 2014, 90, . | 1.1 | 21 |
| 90 | Determination of the cluster spectroscopic factor of the 10.3 MeV state in 12Be. Science China: Physics, Mechanics and Astronomy, 2014, 57, 1613-1617. | 2.0 | 21 |

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|---|---|---|---|
| 91 | Configuration-constrained cranking Hartree-Fock pairing calculations for sidebands of nuclei. Physical Review C, 2015, 92, . | 1.1 | 21 |
| 92 | 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 |
| 93 | High-Kmultiquasiparticle configurations and limiting moments of inertia in178W. Physical Review C, 1999, 60, . | 1.1 | 20 |
| 94 | Rotational and multi-quasiparticle excitations in Re. Nuclear Physics A, 2000, 672, 54-88. | 0.6 | 20 |
| 95 | Deformation effects on the structures of halo nuclei. Nuclear Physics A, 2006, 765, 29-38. | 0.6 | 20 |
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