

# R Wadsworth

## List of Publications by Year in descending order

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Version: 2024-02-01

393  
papers

9,142  
citations

50276

46  
h-index

91884

69  
g-index

396  
all docs

396  
docs citations

396  
times ranked

1603  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Artificial neural networks for neutron discrimination in the neutron detectors of NEDA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 927, 81-86.   | 1.6 | 15        |
| 2  | Shape Changes in the Mirror Nuclei $^{70}\text{Kr}$ and Expansion of the Evidence for enhanced neutron-proton correlations from the level structure of the nucleus $^{208}\text{N}$ . Physical Review C, 2021, 104, .  | 7.8 | 15        |
| 3  | Decays of $^{208}\text{Se}$ and expansion of the Evidence for enhanced neutron-proton correlations from the level structure of the nucleus $^{208}\text{N}$ . Physical Review C, 2021, 104, .  | 2.9 | 6         |
| 4  | Identification of excited states in $^{208}\text{Te}$ and expansion of the Evidence for enhanced neutron-proton correlations from the level structure of the nucleus $^{208}\text{N}$ . Physical Review C, 2021, 104, .  | 2.9 | 0         |
| 5  | Coulomb excitation of $^{80,82}\text{Kr}$ and a change in structure approaching $N=Z=40$ . Physical Review C, 2021, 104, .   | 2.9 | 3         |
| 6  | Spectroscopy of proton-rich $^{79}\text{Zr}$ : Mirror energy differences in the highly-deformed fp shell. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135873.   | 4.1 | 7         |
| 7  | Competition between Allowed and First-Forbidden $\beta^+$ Decay: The Case of $^{208}\text{Hg}$ . European Physical Journal A, 2020, 56, 1.   | 7.8 | 11        |
| 8  | Shape coexistence revealed in the $N=Z$ isotope $^{72}\text{Kr}$ through inelastic scattering. European Physical Journal A, 2020, 56, 1.   | 2.5 | 16        |
| 9  | Isospin Properties of Nuclear Pair Correlations from the Level Structure of the Self-Conjugate Nucleus $^{208}\text{Ru}$ . Physical Review Letters, 2020, 124, 152501.   | 7.8 | 24        |
| 10 | Establishing the Maximum Collectivity of Highly Deformed $^{208}\text{N}$ Nuclei. Physical Review Letters, 2020, 124, 152501.  | 7.8 | 20        |
| 11 | $^{208}\text{Po}$ populated through $EC/\beta^+$ decay. Journal of Physics: Conference Series, 2020, 1643, 012116.   | 0.4 | 1         |
| 12 | Lifetimes of core-excited states in semi-magic $^{95}\text{Rh}$ . European Physical Journal A, 2020, 56, 1.  | 2.5 | 2         |
| 13 | Properties of $^{100}\text{Sn}$ -decaying isomers in the fragmentation of a $^{68}\text{Br}$ region populated in secondary reactions of radioactive beams. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 266-270.   | 4.1 | 5         |
| 14 | Discovery of $^{68}\text{Br}$ in secondary reactions of radioactive beams. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 266-270.   | 4.1 | 5         |
| 15 | Half-lives of $^{73}\text{Sr}$ and $^{73}\text{Y}$ and the consequences for the proton drip investigation of the $\beta^+$ selection rule in Gamow-Teller transitions: The $\beta^+$ -decay of $^{207}\text{Hg}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 271-275. | 2.9 | 7         |
| 16 | Investigation of the $\beta^+$ selection rule in Gamow-Teller transitions: The $\beta^+$ -decay of $^{207}\text{Hg}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 271-275.   | 4.1 | 6         |
| 17 | NEDA – Neutron Detector Array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 927, 81-86.  | 1.6 | 34        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Toward the limit of nuclear binding on the N=Z line: Spectroscopy of Cd96. Physical Review C, 2019, 99, .  | 2.9 | 9         |
| 20 | Experimental Evidence for Transverse Wobbling in $^{105}\text{Pd}$ . Physical Review Letters, 2019, 122, 062501.   | 7.8 | 46        |
| 21 | Neutron detection and $^{105}\text{Pd}$ $\beta$ -ray suppression using artificial neural networks with the liquid scintillators BC-501A and BC-537. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 916, 239-245. | 1.6 | 15        |
| 22 | Lifetime measurement of the $21^+$ state in $^{74}\text{Rb}$ and isospin properties of quadrupole transition strengths at $N=Z$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 787, 198-203.  | 4.1 | 7         |
| 23 | Shape coexistence and isospin symmetry in $^{70}\text{Kr}$ nuclei: Spectroscopy of the $1^+$ nucleus $^{70}\text{Kr}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 441-446.  | 4.1 | 15        |
| 24 | M1 and E2 transition rates from core-excited states in semi-magic $^{94}\text{Ru}$ . European Physical Journal A, 2018, 54, 1.   | 2.5 | 5         |
| 25 | Terminating states in the positive-parity structures of $^{67}\text{As}$ . Physical Review C, 2018, 98, .  | 2.9 | 4         |
| 26 | Pulse pile-up identification and reconstruction for liquid scintillator based neutron detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 897, 59-65.  | 1.6 | 24        |
| 27 | The role of core excitations in the structure and decay of the $16^+$ spin-gap isomer in $^{96}\text{Cd}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 474-479.  | 4.1 | 15        |
| 28 | Identification of the crossing point at $N=21$ between normal and intruder configurations. Physical Review C, 2017, 95, .  | 2.9 | 21        |
| 29 | Shape coexistence and shape transition in self-conjugate nucleus $^{72}\text{Kr}$ and the tensor force. Physica Scripta, 2017, 92, 114008.   | 2.5 | 4         |
| 30 | Discovery of $^{72}\text{Rb}$ : A Nuclear Sandbank Beyond the Proton Drip Line. Physical Review Letters, 2017, 119, 192503.  | 7.8 | 22        |
| 31 | Beta-delayed proton emission from $^{20}\text{Mg}$ . European Physical Journal A, 2016, 52, 1.   | 2.5 | 14        |
| 32 | Lifetime measurement of the $^{58}\text{Ni}$ with the recoil distance $^{58}\text{Ni}$ with the recoil distance  | 2.9 | 8         |
| 33 | mathvariant="normal">Kr and isospin symmetry in the $^{70}\text{Kr}$ and isospin symmetry in the $^{70}\text{Kr}$  | 2.9 | 9         |
| 34 | Reduced transition strengths of low-lying yrast states in chromium isotopes in the vicinity of $N=40$ . Physical Review C, 2015, 92, .   | 2.9 | 17        |
| 35 | Digital Front-End Electronics for the Neutron Detector NEDA. IEEE Transactions on Nuclear Science, 2015, 62, 1063-1069.  | 2.0 | 6         |
| 36 | Spectroscopy and lifetime measurements in $^{66}\text{Ge}$ , $^{69}\text{Se}$ , and $^{65}\text{Ga}$ using fragmentation reactions. Physical Review C, 2015, 91, .   | 2.9 | 3         |

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|----|---|-----|-----------|
| 37 | A New Front-End High-Resolution Sampling Board for the New-Generation Electronics of EXOGAM2 and NEDA Detectors. IEEE Transactions on Nuclear Science, 2015, 62, 1056-1062.   | 2.0 | 9         |
| 38 | Investigating Single-Particle Structure in $^{26}\text{Na}$ Using the New SHARC Array. , 2015, , .  |     | 0         |
| 39 | High-spin states beyond the proton drip-line: Quasiparticle alignments in $^{113}\text{Cs}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 243-249.   | 4.1 | 5         |
| 40 | Character of particle-hole excitations in $^{94}\text{Ru}$ deduced from $\gamma$ -ray angular correlation and linear polarization measurements. Physical Review C, 2014, 89.  | 2.9 | 18        |
| 41 | Hindered Gamow-Teller Decay to the Odd-Odd $^{94}\text{Ru}$ . Physical Review C, 2014, 89.  | 2.9 | 5         |
| 42 | Evolution of Collectivity in $^{72}\text{Kr}$ . Physical Review Letters, 2014, 112, 142502.   | 7.8 | 16        |
| 43 | Spectroscopy on the proton drip-line: Probing the structure dependence of isospin nonconserving interactions. Physical Review C, 2014, 90, .  | 2.9 | 17        |
| 44 | Evidence for Rapid Shape Transition. Physical Review Letters, 2014, 112, 142502.  | 7.8 | 61        |
| 45 | Test of digital neutron $\gamma$ discrimination with four different photomultiplier tubes for the NEutron Detector Array (NEDA). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 767, 83-91. | 1.6 | 23        |
| 46 | Collectivity in $A \approx 70$ nuclei studied via lifetime measurements in $^{70}\text{Br}$ and $^{70}\text{Se}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 733, 52-57.  | 4.1 | 29        |
| 47 | Analysis and results of the $^{104}\text{Sn}$ Coulomb excitation experiment. Journal of Physics: Conference Series, 2014, 533, 012047.  | 0.4 | 0         |
| 48 | A new front-end high-resolution sampling board for the new-generation electronics of EXOGAM2 and NEDA detectors. , 2014, , .  |     | 0         |
| 49 | Design and Test of a High-Speed Flash ADC Mezzanine Card for High-Resolution and Timing Performance in Nuclear Structure Experiments. IEEE Transactions on Nuclear Science, 2013, 60, 3526-3531.  | 2.0 | 8         |
| 50 | Shape dynamics in neutron-rich Kr isotopes: Coulomb excitation of $^{92}\text{Kr}$ , $^{94}\text{Kr}$ and $^{96}\text{Kr}$ . Nuclear Physics A, 2013, 899, 1-28.  | 1.5 | 40        |
| 51 | Transition probabilities near $^{100}\text{Sn}$ and the Strength of the $^{100}\text{Sn}$ Shell Closure. Physical Review Letters, 2011, 106, 082501.  | 7.8 | 60        |
| 52 | The Miniball spectrometer. European Physical Journal A, 2013, 49, 1.  | 2.5 | 126       |
| 53 | Transition probabilities near $^{100}\text{Sn}$ and the stability of the $^{100}\text{Sn}$ shell. Physical Review Letters, 2011, 106, 082501.   | 2.9 | 18        |
| 54 | Transition probabilities near $^{100}\text{Sn}$ and the stability of the $^{100}\text{Sn}$ shell. Physical Review Letters, 2011, 106, 082501.   | 2.9 | 39        |

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|----|---|------|-----------|
| 55 | Recoil- $\hat{I}^2$ tagging study of the N=Z nucleus $^{66}\text{As}$ . <i>Physical Review C</i> , 2013, 88, .  | 2.9  | 16        |
| 56 | Spectroscopy of proton-rich $^{66}\text{Se}$ up to $J^\pi = 16^+$ and the isospin-breaking effect in the $^{66}\text{Se}$ . <i>Physical Review C</i> , 2013, 88, .                | 2.9  | 13        |
| 57 | Enhancing the sensitivity of recoil-beta tagging. <i>Journal of Instrumentation</i> , 2013, 8, P04025-P04025.   | 1.2  | 10        |
| 58 | EVOLUTION OF NUCLEAR STRUCTURE IN NEUTRON-DEFICIENT Pb ISOTOPES. , 2013, , .  |      | 0         |
| 59 | Influence of the $n-p$ interaction on the $\hat{I}^2$ decay of $^{104}\text{Pd}$ . <i>Physical Review C</i> , 2012, 86, .   | 2.9  | 3         |
| 60 | Stabilization of prolate deformation at high spin in $^{75}\text{Kr}$ . <i>Physical Review C</i> , 2012, 86, .  | 2.9  | 1         |
| 61 | High-spin structure of $^{104}\text{Pd}$ . <i>Physical Review C</i> , 2012, 85, .   | 2.9  | 13        |
| 62 | Spin-gap isomer in $^{96}\text{Cd}$ . <i>Journal of Physics: Conference Series</i> , 2012, 381, 012074.   | 0.4  | 0         |
| 63 | $\hat{I}^3$ -ray spectroscopy of neutron-deficient $^{123}\text{Ce}$ . <i>Physical Review C</i> , 2012, 86, .   | 2.9  | 3         |
| 64 | Design and test of a high-speed flash ADC mezzanine card for high-resolution and timing performance in nuclear structure experiments. , 2012, , .                                 |      | 3         |
| 65 | Observation of mutually enhanced collectivity in self-conjugate $^{38}\text{Sr}$ . <i>Physical Review C</i> , 2012, 85, .   | 2.9  | 39        |
| 66 | Four-quasiparticle high-K band in $^{130}\text{Ce}$ . <i>European Physical Journal A</i> , 2012, 48, 1.   | 2.5  | 1         |
| 67 | Evidence for a Smooth Onset of Deformation in the Neutron-Rich Kr Isotopes. <i>Physical Review Letters</i> , 2012, 108, 062701.   | 7.8  | 69        |
| 68 | Spin-Gap Isomer in $^{96}\text{Cd}$ . <i>Physical Review Letters</i> , 2011, 107, 172502.   | 7.8  | 51        |
| 69 | Excitations across the $Z=38$ and $Z=50$ gaps in $^{96}\text{Ag}$ . <i>Physical Review Letters</i> , 2011, 107, 172502.   | 2.9  | 23        |
| 70 | Two-Particle Separation Energies in the Superdeformed Well. <i>Journal of Physics: Conference Series</i> , 2011, 312, 092065.   | 0.4  | 1         |
| 71 | Evidence for a spin-aligned neutron-proton paired phase from the level structure of $^{92}\text{Pd}$ . <i>Nature</i> , 2011, 469, 68-71.  | 27.8 | 140       |
| 72 | Evidence for shape coexistence at medium spin in $^{76}\text{Rb}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 701, 306-312. | 4.1  | 16        |

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|----|--|-----|-----------|
| 73 | A Recoil-Beta Tagging Study of $^{66}\text{As}$ , 2011, .  |     | 0         |
| 74 | Exotic nuclear studies around and below $A=100$ , 2011, .  |     | 0         |
| 75 | Medium- and high-spin band structure of the chiral-candidate nucleus $^{134}\text{Pr}$ . Physical Review C, 2011, 84, .  | 2.9 | 15        |
| 76 | Isospin symmetry in the odd-odd mirror nuclei $^{44}\text{V}/^{44}\text{Sc}$ . Physical Review C, 2011, 84, .  | 2.9 | 12        |
| 77 | Lifetime measurement of the first excited $2^+$ state in $^{135}\text{Te}$ . High-spin yrast states in the $^{135}\text{Te}$ soft nuclei. Physical Review C, 2010, 81, . | 2.9 | 29        |
| 78 | High-spin yrast states in the $^{135}\text{Pr}$ and $^{134}\text{Ce}$ soft nuclei. Physical Review C, 2011, 84, .  | 2.9 | 11        |
| 79 | Nuclear Structure at the Extremes; In-beam $^{135}\text{Te}$ -ray Spectroscopy of $^{180}\text{Pb}$ , 2011, .  |     | 0         |
| 80 | High-spin intruder band in $^{107}\text{In}$ . Physical Review C, 2010, 81, .  | 2.9 | 10        |
| 81 | Two-Particle Separation Energy Trends in the Superdeformed Well. Physical Review Letters, 2010, 104, 162501.   | 7.8 | 11        |
| 82 | Lifetimes of odd-spin yrast states in $^{182}\text{Hg}$ . Physical Review C, 2010, 81, .   | 2.9 | 24        |
| 83 | Shape coexistence at the proton drip-line: First identification of excited states in $^{180}\text{Pb}$ . Physical Review C, 2010, 82, .                                  | 2.9 | 28        |
| 84 | FIRST $^{135}\text{Te}$ -RAY SPECTROSCOPY AND ISOSPIN SYMMETRY STUDY OF THE $N = Z - 2$ NUCLEUS $^{44}\text{V}$ . Modern Physics Letters A, 2010, 25, 2028-2029.         | 1.2 | 2         |
| 85 | Non-termination of yrast bands at maximum configuration spin in $^{73}\text{Kr}$ . Physical Review Letters, 2010, 105, 162501.   | 2.9 | 5         |
| 86 | Evidence of nontermination of collective rotation near the maximum angular momentum in $^{75}\text{Rb}$ . Physical Review Letters, 2010, 105, 162501.                    | 2.9 | 6         |
| 87 | Observation of a $^{94}\text{Pd}$ spin isomer in $^{94}\text{Pd}$ . Physical Review C, 2010, 82, .   | 2.9 | 18        |
| 88 | Lifetime Measurements and Coulomb Excitation of Light Hg Nuclei, 2009, .   |     | 4         |
| 89 | High-spin states in $^{127}\text{Ce}$ and $^{129}\text{Ce}$ : Further evidence for triaxial nuclear shapes. Physical Review C, 2009, 80, .                               | 2.9 | 11        |
| 90 | Evolution of collectivity in $^{180}\text{Hg}$ and $^{182}\text{Hg}$ . Physical Review C, 2010, 81, .  | 2.9 | 46        |

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|-----|--|-----|-----------|
| 91  | for prolate structure in light Pb isotopes from in-beam $\beta$ -ray spectroscopy of $^{13}\text{Pb}$ . Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 587, 292-299.                   | 2.9 | 7         |
| 92  | A new device for combined Coulomb excitation and isomeric conversion electron spectroscopy with fast fragmentation beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 587, 292-299. | 1.6 | 5         |
| 93  | Analog $E_{1-}$ transitions and isospin mixing. Physical Review C, 2008, 78, .   | 2.9 | 24        |
| 94  | Deformation of rotational structures in $^{73}\text{Kr}$ and $^{74}\text{Rb}$ : Probing the additivity principle at triaxial shapes. Physical Review C, 2008, 78, .  | 2.9 | 9         |
| 95  | Low-spin lifetime measurements in $^{74}\text{Kr}$ . Physical Review C, 2008, 77, .  | 2.9 | 9         |
| 96  | HEAVY ION RADIATIVE CAPTURE OF $^{12}\text{C} + ^{12}\text{C}$ . International Journal of Modern Physics E, 2008, 17, 2040-2043.   | 1.0 | 1         |
| 97  | Probing collectivity in the vicinity of neutron deficient Pb nuclei. AIP Conference Proceedings, 2008, , .   | 0.4 | 0         |
| 98  | $\beta$ -ray Spectroscopy of Proton Drip-Line Nuclei in the $A \approx 130$ Region using SPIRAL beams. , 2008, , .   |     | 1         |
| 99  | Lifetime measurement of candidate chiral doublet bands in the $^{103,104}\text{Rh}$ isotopes with the recoil-distance Doppler-shift method in inverse kinematics. Physical Review C, 2008, 78, .   | 2.9 | 41        |
| 100 | Evidence for enhanced collectivity in Te-I-Xe nuclei near the $N=Z$ double shell closure. AIP Conference Proceedings, 2007, , .  | 0.4 | 0         |
| 101 | Coulomb shifts and shape changes in the mass 70 region. Physical Review C, 2007, 75, .   | 2.9 | 33        |
| 102 | Measurement of the Sign of the Spectroscopic Quadrupole Moment for the $2^+$ State in $^{70}\text{Se}$ : No Evidence for Oblate Shape. Physical Review Letters, 2007, 98, 072501.  | 7.8 | 52        |
| 103 | Identification of the $g_{9/2}$ proton and neutron band crossing in the $N=Z$ nucleus $^{76}\text{Sr}$ . Physical Review C, 2007, 75, .  | 2.9 | 18        |
| 104 | Identification of Excited States in the $^{110}\text{Xe}$ : Evidence for Enhanced Collectivity near the $N=Z$ . Physical Review Letters, 2007, 99, 022501.   | 7.8 | 27        |
| 105 | Effect of $^3\text{S}$ Softness on the Stability of Chiral Geometry: Spectroscopy of $^{106}\text{Ag}$ . Physical Review Letters, 2007, 98, 102501.  | 7.8 | 89        |
| 106 | Investigation of nuclear collectivity in the neutron mid-shell nucleus $^{186}\text{Pb}$ . Physical Review C, 2007, 75, .  | 2.9 | 33        |
| 107 | Nuclear levels in proton-unbound $^{109}\text{I}$ : Relative single-particle energies beyond the proton drip line. Physical Review C, 2007, 76, .  | 2.9 | 18        |
| 108 | Decay strength distributions in $^{12}\text{C}(^{12}\text{C}, \beta)$ radiative capture. Physical Review C, 2007, 76, .  | 2.9 | 20        |

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|-----|---|-----|-----------|
| 109 | High-spin lifetime measurements in the $N=Z$ nucleus $^{72}\text{Kr}$ . <i>Physical Review C</i> , 2007, 75, .  | 2.9 | 17        |
| 110 | First results on double $\hat{I}^2$ -decay modes of Cd, Te, and Zn Isotopes. <i>Physical Review C</i> , 2007, 76, .   | 2.9 | 36        |
| 111 | Recoil Beta Tagging: Application to the study of odd-odd near proton drip line nuclei, $^{74}\text{Rb}$ and $^{78}\text{Y}$ . <i>European Physical Journal: Special Topics</i> , 2007, 150, 147-148.                                      | 2.6 | 3         |
| 112 | Recoil-beta tagging: A novel technique for studying proton-drip-line nuclei. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006, 565, 630-636. | 1.6 | 20        |
| 113 | First Identification of $\hat{I}^3$ -rays in $^{106}\text{Te}$ Using Recoil Decay Tagging Technique. <i>AIP Conference Proceedings</i> , 2006, , .  | 0.4 | 0         |
| 114 | Probing the shapes of $^{186}\text{Pb}$ . <i>AIP Conference Proceedings</i> , 2006, , .   | 0.4 | 1         |
| 115 | $\hat{I}^3$ -Spectroscopy and Radioactive Beams : How To Perform Channel Selection ?. <i>AIP Conference Proceedings</i> , 2006, , .   | 0.4 | 1         |
| 116 | Excited states and signature inversion in $^{116}\text{Cs}$ . <i>Physical Review C</i> , 2006, 74, .  | 2.9 | 9         |
| 117 | First observation of excited states in $^{114}\text{Cs}$ : Spectroscopy of the yrast $\hat{I}^{1/2}(h_{11/2})$ $\hat{a}^{\check{S}}$ - $\hat{I}^{\check{E}}(h_{11/2})$ band. <i>Physical Review C</i> , 2006, 73, .                       | 2.9 | 8         |
| 118 | First observation of very neutron-deficient $^{122}\text{Ce}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005, 625, 203-211.   | 4.1 | 9         |
| 119 | First evidence for chirality in Tc isotopes: Spectroscopy of $^{100}\text{Tc}$ . <i>European Physical Journal A</i> , 2005, 24, 23-29.  | 2.5 | 59        |
| 120 | Probing the three shapes in $^{186}\text{Pb}$ using in-beam $\hat{I}^3$ -ray spectroscopy. <i>European Physical Journal A</i> , 2005, 25, 449-450.  | 2.5 | 2         |
| 121 | Recent progress on the investigation of spontaneous formation of chirality in rotating nuclei. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2005, 31, S1741-S1746.   | 3.6 | 9         |
| 122 | Composite Chiral Bands in the $A \hat{a}^{\check{S}} 105$ Mass Region. <i>AIP Conference Proceedings</i> , 2005, , .  | 0.4 | 0         |
| 123 | High-Spin Structure of $^{102}\text{Ru}$ . <i>AIP Conference Proceedings</i> , 2005, , .  | 0.4 | 0         |
| 124 | Evidence for oblate structure in $^{186}\text{Pb}$ . <i>Physical Review C</i> , 2005, 72, .   | 2.9 | 21        |
| 125 | First identification of excited states in $^{106}\text{Te}$ and evidence for isoscalar-enhanced vibrational collectivity. <i>Physical Review C</i> , 2005, 72, .  | 2.9 | 21        |
| 126 | High-spin rotational structures in $^{76}\text{Kr}$ . <i>Physical Review C</i> , 2005, 71, .  | 2.9 | 26        |



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|-----|--|-----|-----------|
| 127 | High-spin structure of Ru102. Physical Review C, 2005, 71, .   | 2.9 | 14        |
| 128 | Investigation of antimagnetic rotation in light Cadmium nuclei: Cd106,108. Physical Review C, 2005, 72, .  | 2.9 | 49        |
| 129 | Quasi- $\hat{I}^3$ band and odd-even staggering effect in Ru102. Physical Review C, 2005, 71, .  | 2.9 | 15        |
| 130 | Evidence for a new region of chirality around $A \hat{\sim} 104$ . Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1895-S1898.  | 3.6 | 10        |
| 131 | Evidence for chiral structures in $^{130}\text{Cs}$ . Journal of Physics G: Nuclear and Particle Physics, 2005, 31, 541-552.   | 3.6 | 43        |
| 132 | Evidence for Nontermination of Rotational Bands in $^{74}\text{Kr}$ . Physical Review Letters, 2005, 95, 232501.   | 7.8 | 44        |
| 133 | Probing the three shapes in $^{186}\text{Pb}$ using in-beam $\hat{I}^3$ -ray spectroscopy. , 2005, , 449-450.  |     | 0         |
| 134 | First identification of $\hat{I}^3$ -ray transitions in $^{107}\text{Te}$ . Physical Review C, 2004, 70, .   | 2.9 | 16        |
| 135 | High-spin states in $^{179}\text{Au}$ : Spectroscopy of shape-driving orbitals beyond the neutron midshell. Physical Review C, 2004, 69, .   | 2.9 | 13        |
| 136 | High-spin study of rotational structures in $^{72}\text{Br}$ . Physical Review C, 2004, 69, .  | 2.9 | 6         |
| 137 | High-spin spectroscopy and quasiparticle alignments in $^{124,125}\text{Ce}$ . Physical Review C, 2004, 69, .  | 2.9 | 16        |
| 138 | $\hat{I}^{\pm}$ decay and recoil decay tagging studies of $^{183}\text{Tl}$ . Physical Review C, 2004, 70, .   | 2.9 | 18        |
| 139 | Deformation of the very neutron-deficient rare-earth nuclei produced with the SPIRAL $^{76}\text{Kr}$ radioactive beam and studied with EXOGAM + DIAMANT. AIP Conference Proceedings, 2004, , .                | 0.4 | 0         |
| 140 | Chirality in the $A \hat{\sim} 100$ region. AIP Conference Proceedings, 2004, , .  | 0.4 | 0         |
| 141 | GEANT Monte Carlo simulations for the GREAT spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 533, 422-434. | 1.6 | 21        |
| 142 | Stability of chiral geometry in the odd-odd Rh isotopes: spectroscopy of $^{106}\text{Rh}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 135-142.             | 4.1 | 116       |
| 143 | Experimental evidence for chirality in the odd-A $^{105}\text{Rh}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 598, 178-187.                                     | 4.1 | 93        |
| 144 | In-beam spectroscopy at the RITU gas-filled recoil separator. European Physical Journal A, 2003, 20, 87-92.  | 2.5 | 8         |

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|-----|--|------|-----------|
| 145 | High-spin structure of $N \neq Z$ nuclei around the $A = 72$ region. European Physical Journal A, 2003, 20, 131-132.   | 2.5  | 10        |
| 146 | The GREAT spectrometer. Nuclear Instruments & Methods in Physics Research B, 2003, 204, 634-637.   | 1.4  | 234       |
| 147 | Magnetic dipole bands in $^{133}\text{Pr}$ . Nuclear Physics A, 2003, 727, 207-219.  | 1.5  | 8         |
| 148 | Evidence for a New Type of Shears Mechanism in $^{106}\text{Cd}$ . Physical Review Letters, 2003, 91, 162501.  | 7.8  | 68        |
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| 150 | Evidence for isovector neutron-proton pairing from high-spin states in $N=Z=74$ $^{148}\text{Rb}$ . Physical Review C, 2003, 67, .   | 2.9  | 36        |
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