R Wadsworth

List of Publications by Year
in descending order

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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	The GREAT spectrometer. Nuclear Instruments & Methods in Physics Research B, 2003, 204, 634-637.	1.4	234
2	In-beam Î³-ray spectroscopy aboveSn100using the new technique of recoil decay tagging. Physical Review C, 1995, 51, 78-87.	2.9	219
3	The GREAT triggerless total data readout method. IEEE Transactions on Nuclear Science, 2001, 48, 567-569.	2.0	213
4	Multiple superdeformed bands in 194Hg and their dynamical moments of inertia. Nuclear Physics A, 1990, 512, 178-188.	1.5	157
5	Evidence for a spin-aligned neutronâ€“proton paired phase from the level structure of 92Pd. Nature, 2011, 469, 68-71.	27.8	140
6	The Miniball spectrometer. European Physical Journal A, 2013, 49, 1.	2.5	126
7	The EUROBALL neutron wall â€“ design and performance tests of neutron detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 421, 531-541.	1.6	124
8	Stability of chiral geometry in the oddâ€“odd Rh isotopes: spectroscopy of 106Rh. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 135-142.	4.1	116
9	Evidence for a highly deformed oblate0+state in3674Kr. Physical Review C, 1997, 56, R2924-R2928.	2.9	97
10	Smooth Termination of Collective Rotational Bands. Physical Review Letters, 1995, 74, 3935-3938.	7.8	95
11	Experimental evidence for chirality in the odd-A 105Rh. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 598, 178-187.	4.1	93
12	Evidence for â€œMagnetic Rotationâ€•in Nuclei: Lifetimes of States in theM1 bands of198,199Pb. Physical Review Letters, 1997, 78, 1868-1871.	7.8	91
13	First observation of a collective dipole rotational band in the Aâ¼200 mass region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 275, 247-251.	4.1	89
14	Effect ofÎ³Softness on the Stability of Chiral Geometry: Spectroscopy ofAg106. Physical Review Letters, 2007, 98, 102501.	7.8	89
15	Deformation of Very Light Rare-Earth Nuclei. Physical Review Letters, 1985, 55, 810-813.	7.8	84
16	Detailed spectroscopy of the chiral-twin candidate bands in136Pm. Physical Review C, 2001, 64, .	2.9	83
17	Candidate chiral twin bands in the odd-odd nucleus132Cs:Exploring the limits of chirality in the massAâ‰ˆ130region. Physical Review C, 2003, 68, .	2.9	76
18	Shears Mechanism in theAâ¼110Region. Physical Review Letters, 1999, 82, 3220-3223.	7.8	74

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19	Linking transitions from the superdeformed band inEu143. Physical Review Letters, 1993, 70, 1069-1072.	7.8	73
20	Landau-Zener crossing in superdeformedHg193: Evidence for octupole correlations in superdeformed nuclei. Physical Review Letters, 1990, 65, 1547-1550.	7.8	71
21	Shears mechanism in109Cd. Physical Review C, 2000, 61, .	2.9	70
22	New features of collective nuclear rotation at very high frequency inSb109. Physical Review Letters, 1994, 72, 1160-1163.	7.8	69
23	Evidence for a Smooth Onset of Deformation in the Neutron-Rich Kr Isotopes. Physical Review Letters, 2012, 108, 062701.	7.8	69
24	Evidence for a New Type of Shears Mechanism inCd106. Physical Review Letters, 2003, 91, 162501.	7.8	68
25	Intruder bands in 108Sn. Nuclear Physics A, 1993, 559, 461-476.	1.5	64
26	Spectroscopy in theZ=49108,110Inisotopes: Lifetime measurements in shears bands. Physical Review C, 2001, 64, .	2.9	64
27	T=0andT=1states in the odd-oddN=Znucleus,3570Br35. Physical Review C, 2002, 65, .	2.9	63
28	The new spectroscopy of superdeformed states: systematics in the light rare earths and unexpected feeding patterns. Journal of Physics G: Nuclear Physics, 1987, 13, L207-L212.	0.8	62
29	Evolution of Collectivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Kr</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>72</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>: Evidence for Rapid Shape Transition. Physical Review Letters, 2014, 112, 142502.	7.8	61
30	Relative Deformations of Superdeformed Bands in131,132Ce. Physical Review Letters, 1996, 76, 3510-3513.	7.8	60
31	Coulomb Excitation of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Sn</mml:mi><mml:mprescripts /><mml:none /><mml:mn>104</mml:mn></mml:mmultiscripts></mml:math>and the Strength of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Sn</mml:mi><mml:mprescripts /><mml:none /><mml:mn>100</mml:mn></mml:mmultiscripts></mml:math>Shell Closure. Physical Review Letters, 80, .	7.8	60
32	First evidence for chirality in Tc isotopes: Spectroscopy of 100Tc. European Physical Journal A, 2005, 24, 23-29.	2.5	59
33	Collective oblate dipole rotational bands in 198Pb. Nuclear Physics A, 1993, 562, 121-156.	1.5	57
34	First measurement of magnetic properties in a superdeformed nucleus:Hg193. Physical Review Letters, 1993, 71, 2176-2179.	7.8	53
35	Rotational structures inSn106: A new form of band termination?. Physical Review C, 1994, 50, 483-486.	2.9	52
36	Measurement of the Sign of the Spectroscopic Quadrupole Moment for the21+State inSe70: No Evidence for Oblate Shape. Physical Review Letters, 2007, 98, 072501.	7.8	52

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37	Deformed intruder band inTe112: First evidence for rotational behavior in the tellurium isotopes. Physical Review C, 1994, 50, 698-706.	2.9	51
38	Observation of isomeric states in neutron deficientAâˆ¼180nuclei following the projectile fragmentation of92Mo. Physical Review C, 2000, 61, .	2.9	51
39	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mn>16</mml:mn><mml:mo>+</mml:mo></mml:msup></mml:math>Spin-Gap Isomer in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Cd</mml:mi><mml:mprescripts /><mml:none /><mml:mn>96</mml:mn></mml:mmultiscripts></mml:math>. Physical Review Letters, 2011, 107, 172502.	7.8	51
40	Smooth termination of intruder bands inSb51109. Physical Review C, 1996, 54, 1598-1609.	2.9	50
41	First observation of excited states in 184Pb: spectroscopy beyond the neutron mid-shell. European Physical Journal A, 1998, 3, 17-20.	2.5	50
42	Spectrum ofÎ³Rays Connecting Superdeformed and Normal States inHg192. Physical Review Letters, 1994, 73, 777-781.	7.8	49
43	Decreasing Collectivity in Smoothly Terminating Bands in theAâˆ¼110Region. Physical Review Letters, 1998, 80, 1174-1177.	7.8	49
44	Confirmation of the Shears Mechanism in Near-Spherical Tin Nuclei. Physical Review Letters, 1999, 83, 500-503.	7.8	49
45	Investigation of antimagnetic rotation in light Cadmium nuclei:Cd106,108. Physical Review C, 2005, 72, .	2.9	49
46	Magnetic rotation in 106Sn and 108Sn. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 428, 23-30.	4.1	47
47	Collective and non-collective high-spin states in115I. Journal of Physics G: Nuclear and Particle Physics, 1992, 18, 837-846.	3.6	46
48	Evolution of collectivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Hg</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>180</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">Hg</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>182</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>.	2.9	46
49	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mrow><mml:mi>Pd</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>105</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review Letters, 2019, 122, 062501.	7.8	46
50	Evidence for Nontermination of Rotational Bands inKr74. Physical Review Letters, 2005, 95, 232501.	7.8	44
51	Lifetimes of low-lying levels in light rare earth nuclei around A=135. Journal of Physics G: Nuclear Physics, 1987, 13, 205-220.	0.8	43
52	Energy Staggering in Superdeformed Bands in131Ce,132Ce, and133Ce. Physical Review Letters, 1996, 76, 3671-3674.	7.8	43
53	First observation of excited states in182Pb. Physical Review C, 2000, 62, .	2.9	43
54	Evidence for chiral structures in130Cs. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, 541-552.	3.6	43

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55	Rotational bands near theZ=50 closed shell:Sb51111. Physical Review C, 1994, 50, 1819-1832.	2.9	42
56	The shears mechanism in the lead isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 440, 251-256.	4.1	42
57	Observation of theZ=N+1NucleiY3977,Z4079r, andM4283o. Physical Review Letters, 1999, 82, 295-298.	7.8	41
58	Lifetime measurement of candidate chiral doublet bands in theRh103,104isotopes with the recoil-distance Doppler-shift method in inverse kinematics. Physical Review C, 2008, 78, .	2.9	41
59	Observation of Fermi SuperallowedÎ²+Decays in Heavy Odd-Odd,N=ZNuclei: Evidence for0+Ground States inY78,N82b, andT86c. Physical Review Letters, 1998, 81, 3337-3340.	7.8	40
60	Shape dynamics in neutron-rich Kr isotopes: Coulomb excitation of 92Kr, 94Kr and 96Kr. Nuclear Physics A, 2013, 899, 1-28.	1.5	40
61	Consequences of neutron-proton pairing correlations for the rotational motion of theN=Znucleus72Kr. Physical Review C, 2001, 64, .	2.9	39
62	Observation of mutually enhanced collectivity in self-conjugate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mrow /><mml:mn mathvariant="bold">38</mml:mn><mml:mn mathvariant="bold">76</mml:mn></mml:msubsup></mml:math>Sr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>100</mml:mn></mml:msub></mml:math>Mo, and	2.9	39
63	the stability of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>N</mml:mi></mml:math>,<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Z</mml:mi><mml:mo>=</mml:mo><mml:mn>50</mml:mn></mml:mrow></mml:math>shell	2.9	39
64	Octupole collectivity in the ground band ofNd148. Physical Review Letters, 1993, 71, 1990-1993.	7.8	38
65	Magnetic rotation in 197Pb and 198Pb. Nuclear Physics A, 2001, 683, 108-144.	1.5	38
66	High-spin states inCe136: Systematics of collective oblate rotation. Physical Review C, 1990, 41, 1576-1583.	2.9	37
67	Intruder bands inTe114: Smooth band termination. Physical Review C, 1995, 52, R2839-R2843.	2.9	37
68	Intruder bands in (Z=53)I113: Band termination interpretation. Physical Review C, 1995, 51, 2427-2438.	2.9	37
69	Smooth band termination inSn108. Physical Review C, 1996, 53, 2763-2769.	2.9	37
70	Evidence for Shears Bands in108Cd. Physical Review C, 1999, 61, .	2.9	37
71	First observation of the i13/2neutron orbital in the A=130 region: spectroscopy of135Sm. Journal of Physics G: Nuclear Physics, 1987, 13, L201-L205.	0.8	36
72	Evidence for isovector neutron-proton pairing from high-spin states inN=Z74Rb. Physical Review C, 2003, 67, .	2.9	36

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73	First results on double Î²-decay modes of Cd, Te, and Zn Isotopes. Physical Review C, 2007, 76, .	2.9	36
74	The competition between collective and single particle behaviour in the odd-odd isotopes 128,130La. Journal of Physics G: Nuclear and Particle Physics, 1989, 15, 487-508.	3.6	34
75	NEDAâ€”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
76	Band structure of the odd-evenLa125,La127nuclei. Physical Review C, 1996, 53, 137-150.	2.9	33
77	Detailed spectroscopy of the normally deformed states in 132Ce. Nuclear Physics A, 1997, 619, 177-201.	1.5	33
78	Signature Inversion Caused by Triaxiality and Unpaired Band Crossings inB72r. Physical Review Letters, 2000, 85, 2454-2457.	7.8	33
79	Coulomb shifts and shape changes in the mass 70 region. Physical Review C, 2007, 75, .	2.9	33
80	Investigation of nuclear collectivity in the neutron mid-shell nucleusPb186. Physical Review C, 2007, 75, .	2.9	33
81	Second minimum lifetime measurements inNd133andNd137. Physical Review C, 1992, 45, 2683-2692.	2.9	32
82	Collective dipole rotational bands in197Pb. Zeitschrift FÃ¼r Physik A, 1992, 342, 371-372.	0.9	32
83	Î³ spectroscopy ofI117: Three structural features. Physical Review C, 1993, 48, 2629-2639.	2.9	32
84	Superdeformation and double blocking inEu142. Physical Review Letters, 1991, 66, 1677-1680.	7.8	30
85	M1 transitions between superdeformed states in 195Tl: the fingerprint of the proton intruder orbital. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 341, 6-11.	4.1	30
86	Identification of excited states in doubly odd110Sb: Smooth band termination. Physical Review C, 1997, 55, R2127-R2131.	2.9	29
87	Lifetime measurement of the first excited<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mn>2</mml:mn><mml:mo>+</mml:mo></mml:msup></mml:math>state in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>108</mml:mn></mml:msup></mml:math>Te. Physical Review C, 2011, 84, .	2.9	29
88	Collectivity in A â^¼ 70 nuclei studied via lifetime measurements in 70Br and 68,70Se. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 733, 52-57.	4.1	29
89	Observation of unexpectedly small E1 moments in 224Ra. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 232, 447-451.	4.1	28
90	Rotational bands inCe135: Collective prolate and oblate rotation. Physical Review C, 1990, 41, 2624-2634.	2.9	28

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91	The N = 7 unfavoured superdeformed band in 193Hg; coriolis splitting and neutron shell structure at extreme deformation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 340, 150-154.	4.1	28
92	In-beam Î³-ray spectroscopy of the proton emitter69147Tmusing recoil-decay tagging. Physical Review C, 1997, 55, R2137-R2141.	2.9	28
93	Magnetic rotational bands in108Sb. Physical Review C, 1998, 58, 2703-2709.	2.9	28
94	Particle-hole induced electric and magnetic rotation in111In. Physical Review C, 1998, 57, 1634-1647.	2.9	28
95	Shape coexistence at the proton drip-line: First identification of excited states in<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>180</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2010, 82, .	2.9	28
96	Collective oblate structure in the odd-odd isotopes128,130La. Journal of Physics G: Nuclear and Particle Physics, 1989, 15, 671-686.	3.6	27
97	Observation of Excited Superdeformed Bands in132Ceand Evidence for Identical Bands in the Mass 130 Region. Physical Review Letters, 1995, 74, 1708-1711.	7.8	27
98	Quadrupole and octupole collectivity in 148Nd. Nuclear Physics A, 1997, 619, 213-240.	1.5	27
99	Shape coexistence at high spin in theNÂZÂ 2 nucleus70Se. Journal of Physics G: Nuclear and Particle Physics, 2002, 28, 2617-2625.	3.6	27
100	Identification of Excited States in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>T</mml:mi><mml:mi>z</mml:mi></mml:msub><mml:mo>=</mml:mo><mml:mn>1</mml:mn><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Xe</mml:mi><mml:mprescripts /><mml:none /><mml:mn>110</mml:mn></mml:mmultiscripts></mml:math>: Evidence for Enhanced Collectivity near the<mml:math xmlns:mml="http://www.w3.org/1998/Math/. Physical Review Letters, 2007, 99, 022501.	7.8	27
101	Excited Superdeformed Bands in 133Pr: Identification of the g9/2 Proton Orbital. Physical Review Letters, 1995, 74, 1950-1953.	7.8	26
102	First observation of excited states in118Ba:Possible evidence for octupole correlations in neutron-deficient barium isotopes. Physical Review C, 1998, 57, R1037-R1041.	2.9	26
103	Quadrupole Moments of Highly Deformed Structures in theAâ¼135Region: Probing the Single-Particle Motion in a Rotating Potential. Physical Review Letters, 2002, 88, 152501.	7.8	26
104	High-spin rotational structures inKr76. Physical Review C, 2005, 71, .	2.9	26
105	Rotational bands in the doubly odd N = 73 nucleus 134Pm. Nuclear Physics A, 1991, 526, 188-204.	1.5	25
106	Prolate and oblate rotational bands in136Sm. Journal of Physics G: Nuclear and Particle Physics, 1993, 19, 861-876.	3.6	25
107	Superdeformed structures inPb197,198. Physical Review C, 1996, 54, 2253-2258.	2.9	25
108	High-spin spectroscopy of52â€,116Te. Physical Review C, 1997, 55, 2290-2304.	2.9	25

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109	Collectivity in even54116Xeand54118Xeisotopes. Physical Review C, 1998, 57, 2991-3014.	2.9	25
110	Very high rotational frequencies and band termination in73Br. Physical Review C, 2000, 62, .	2.9	25
111	Testing mean-field models near theN=Zline:Î³-ray spectroscopy of theTz=12nucleus73Kr. Physical Review C, 2002, 65, .	2.9	25
112	A level scheme for220Ra. Journal of Physics G: Nuclear Physics, 1984, 10, 1449-1452.	0.8	24
113	Quadrupole moment of the superdeformed band in131Ce. Journal of Physics G: Nuclear and Particle Physics, 1990, 16, 657-660.	3.6	24
114	Deformed intruder band inI113. Physical Review C, 1993, 48, R490-R493.	2.9	24
115	Lifetimes of the superdeformed band in 192Hg. Nuclear Physics A, 1994, 574, 560-574.	1.5	24
116	Octupole correlations at low spin in52108Te56. Physical Review C, 1998, 57, R1022-R1026.	2.9	24
117	Analog<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>E</mml:mi><mml:mn>1</mml:mn></mml:mrow></mml:math>transitions and isospin mixing. Physical Review C, 2008, 78, .	2.9	24
118	Lifetimes of odd-spin yrast states in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Hg</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>182</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2010, 81, .	2.9	24
119	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
120	Isospin Properties of Nuclear Pair Correlations from the Level Structure of the Self-Conjugate Nucleus <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Ru</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>88</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>. Physical Review Letters, 2020, 124, 062501.	7.8	24
121	Two proton high-spin excitations and dipole bands in192Hg. Zeitschrift FÃ¼r Physik A, 1994, 348, 87-93.	0.9	23
122	The yrast superdeformed band in 194Pb. Differences with 192Hg. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 124-130.	4.1	23
123	Neutron orbitals above the N = 74 shell gap at large deformation: spectroscopy in the superdeformed minimum of 133Ce. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 353, 438-443.	4.1	23
124	First observation of a rotational band in oddSn50nuclei:Sn111. Physical Review C, 1995, 51, R2876-R2879.	2.9	23
125	Differential quadrupole moment measurements of the1/2+[660]â€,(i13/2)neutron intruder band in133Ndand135Nd. Physical Review C, 1999, 60, .	2.9	23
126	High-spin isomers in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>96</mml:mn></mml:msup></mml:math>Ag: Excitations across the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Z</mml:mi><mml:mo>=</mml:mo><mml:mn>38</mml:mn></mml:mrow></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Z</mml:mi><mml:mo>=</mml:mo><mml:mn>50</mml:mn></mml:mrow></mml:math>,<mm.	2.9	23

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127	Test of digital neutronâ€“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
128	Low-lying structure of215Rn and219Ra. Journal of Physics G: Nuclear Physics, 1987, 13, 93-101.	0.8	22
129	Dipole bands and multi-quasiparticle excitations in193Pb. Zeitschrift FÃ¼r Physik A, 1996, 356, 241-249.	0.9	22
130	High-spin states, particle-hole structure, and linked smooth terminating bands in doubly odd112Sb. Physical Review C, 1998, 58, 127-149.	2.9	22
131	Yrast structures in the neutron-deficient59127Pr68and61131Pm70nuclei. Physical Review C, 1998, 57, 2215-2221.	2.9	22
132	Stability of oblate shapes in the vicinity ofN=Z=3468Se:Bands in69Seand67As. Physical Review C, 2001, 64, .	2.9	22
133	Fermi superallowedÎ²+decays andT=1ground states of heavy odd-oddN=Znuclei. Physical Review C, 2001, 63, .	2.9	22
134	Linear Polarization Measurement of Interband Transitions in Superdeformed190Hg: Model-Independent Evidence for Octupole Vibrational Structures. Physical Review Letters, 2001, 86, 2746-2749.	7.8	22
135	Signature inversion in doubly odd124La. Physical Review C, 2002, 66, .	2.9	22
136	Discovery of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Rb</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>72</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> : A Nuclear Sandbank Beyond the Proton Drip Line. Physical Review Letters, 2017, 119, 192503.	7.8	22
137	An on-line computer controlled time digitizer for half-life measurements. Nuclear Instruments & Methods, 1980, 178, 581-586.	1.2	21
138	An i13/2intruder band in139Gd. Journal of Physics G: Nuclear and Particle Physics, 1990, 16, 1233-1240.	3.6	21
139	Lifetime measurements inSm135: Large deformation in theN=6 intruder band and evidence for quenched proton pairing. Physical Review C, 1990, 42, R1805-R1808.	2.9	21
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