Andrew E Stuchbery

List of Publications by Year
in descending order

270 papers	4,927 citations	109321 35 h-index	189892 50 g-index
272 all docs	272 docs citations	272 times ranked	1538 citing authors

#	Article	IF	Citations
1	Shape coexistence in very neutron-deficient Pt isotopes. Journal of Physics G: Nuclear Physics, 1986, 12, L97-L103.	0.8	132
2	High-spin structure of 190â€“194Hg and the cranked shell model. Nuclear Physics A, 1986, 453, 316-348.	1.5	128
3	Multi-quasiparticle and rotational structures in 179W: Fermi alignment, the ifK-selection rule and blocking. Nuclear Physics A, 1994, 568, 397-444.	1.5	92
4	Evidence for reduced collectivity around the neutron mid-shell in the stable even-mass Sn isotopes from new lifetime measurements. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 110-114.	4.1	82
5	Band crossings in 170Os. Nuclear Physics A, 1988, 486, 414-428.	1.5	73
6	Evidence for proton excitations in130,132,134,136Xeisotopes from measurements ofgfactors of21+and41+states. Physical Review C, 2002, 65, .	2.9	73
7	The SABRE project and the SABRE Proof-of-Principle. European Physical Journal C, 2019, 79, 1.	3.9	73
8	Configuration-dependent deformations in 171Re. Nuclear Physics A, 1989, 501, 157-187.	1.5	69
9	One-phonon isovector<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mn>2</mml:mn><mml:mrow><mml:mn>1</mml:mn><mml:mo>,</mml:mo><mml:mi>MS</mml:mi> in the neutron-rich nucleus<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>132</mml:mn></mml:msup></mml:math>Te. Physical Review C, 2011, 84, .	2.9	65
10	Spectroscopy of high-spin states in 211,212,213Fr. Nuclear Physics A, 1986, 448, 137-188.	1.5	62
11	Critical assessment of interacting boson model wave functions from measured gyromagnetic ratios of lowest eigenstates in even Os isotopes. Nuclear Physics A, 1985, 435, 635-656.	1.5	61
12	Shape co-existence in 180Hg and delineation of the midshell minimum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 208, 365-368.	4.1	60
13	Non-yrast states and shape co-existence in light Pt isotopes. Nuclear Physics A, 1999, 657, 219-250.	1.5	60
14	Measuredgfactors and the tidal-wave description of transitional nuclei nearA=100. Physical Review C, 2011, 83, .	2.9	56
15	Magnetic properties of rotational states in the pseudo-Nilsson model. Nuclear Physics A, 2002, 700, 83-116.	1.5	55
16	First Nuclear Moment Measurement with Radioactive Beams by the Recoil-in-Vacuum Technique: ThegFactor of the21+State inTe132. Physical Review Letters, 2005, 94, 192501.	7.8	54
17	Lifetimes of excited states in 196, 198Pt; Application of interacting boson approximation model to even Pt isotopes systematics. Nuclear Physics A, 1981, 370, 146-174.	1.5	52
18	g-Factors in 210Rn and octupole coupling of core-excited states in 210Rn, 211Rn and 212Rn. Nuclear Physics A, 1986, 448, 189-204.	1.5	51

#	Article	IF	Citations
19	Backbending in 180W: a t-band crossing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 309, 17-22.	4.1	50
20	Resolution of theisomer179anomaly: Exposure of a Fermi-alignedsband. Physical Review Letters, 1991, 67, 433-436.	7.8	49
21	The low-lying yrast structure of 212Po. Nuclear Physics A, 1987, 473, 595-604.	1.5	48
22	Double-Magic Nature of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Sn</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>132</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>Pb</mml:mi></mml:mrow><mml:mprescripts	7.8	47
23	Shape coexistence or particle alignment in the light osmium isotopes 171Os, 172Os and 173Os. Nuclear Physics A, 1990, 514, 503-544.	1.5	45
24	Investigation into the semimagic nature of the tin isotopes through electromagnetic moments. Physical Review C, 2015, 92, .	2.9	44
25	Gyromagnetic ratios of excited states in 198Pt; measurements and interacting boson approximation model calculations. Nuclear Physics A, 1981, 365, 317-332.	1.5	43
26	High-spin states and intrinsic structure in 174Os and 175Os: Alignments and strong interaction. Nuclear Physics A, 1990, 511, 345-378.	1.5	43
27	Shape coexistence from the structure of the yrast band inPt174. Physical Review C, 1991, 44, R1246-R1249.	2.9	43
28	gfactors of the first2+states in the transitional92,94,96,98,100Moisotopes and the onset of collectivity. Physical Review C, 2001, 63, .	2.9	42
29	Spectroscopy of 175Ir and 177Ir and deformation effects in odd iridium nuclei. Nuclear Physics A, 1991, 534, 173-203.	1.5	40
30	Probing Shell Structure and Shape Changes in Neutron-Rich Sulfur Isotopes through Transient-Fieldg-Factor Measurements on Fast Radioactive Beams ofS38andS40.. Physical Review Letters, 2006, 96, 112503.	7.8	40
31	High-spin proton and neutron intruder configurations in 106Cd. Nuclear Physics A, 1995, 586, 351-376.	1.5	39
32	Nuclear g factors and structure of high-spin isomers in 190,192,194Pt and 196,198Hg. Nuclear Physics A, 2006, 764, 24-41.	1.5	39
33	Magnetic behaviour in the pseudo-Nilsson model. Journal of Physics G: Nuclear and Particle Physics, 1999, 25, 611-615.	3.6	38
34	Non-yrast states and shape co-existence in 172Os. Nuclear Physics A, 1994, 568, 90-106.	1.5	35
35	Electromagnetic properties of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mn>2</mml:mn><mml:mn>1</mml:mn><mml:mo>+</mml:mo></mml:msubsup></mml:math>in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>134</mml:mn></mml:msup></mml:math>Te: Influence of core excitation on single-particle orbits beyond<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn	2.9	35
36	Deformation, pairing and magnetic moments in rare-earth nuclei. Nuclear Physics A, 1995, 589, 222-238.	1.5	34

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37	3D Silicon Microdosimetry and RBE Study Using <formula formulatype="inline"><tex Notation="TeX">$^{12}{m C}$</tex></formula> Ion of Different Energies. IEEE Transactions on Nuclear Science, 2015, 62, 3027-3033.	2.0	34
38	Disparity between the transient hyperfine fields for Pt and Os in Fe; an electron vacancy sharing interpretation. Hyperfine Interactions, 1983, 13, 275-295.	0.5	33
39	Gyromagnetic ratios of excited states in 150Sm and 152Sm. Nuclear Physics A, 1987, 466, 419-438.	1.5	33
40	Transient field measurements of g-factors in 194,196,198Pt; g(21+) systematics in transitional W, Os, Pt nuclei. Nuclear Physics A, 1991, 528, 447-464.	1.5	33
41	Î³-ray angular distributions and correlations after projectile-fragmentation reactions. Nuclear Physics A, 2003, 723, 69-92.	1.5	33
42	Recoil in vacuum for Te ions: Calibration, models, and applications to radioactive-beam<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>g</mml:mi></mml:mrow></mml:math>-factor measurements. Physical Review C, 2007, 76, .	2.9	33
43	Measured Magnetic Moments and Shape Coexistence in the Neutron-Deficient NucleiP184,186,188t. Physical Review Letters, 1996, 76, 2246-2249.	7.8	32
44	Competition between proton and neutron excitations in 96Zr. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 562, 193-200.	4.1	32
45	Spin Polarization ofK37Produced in a Single-Proton Pickup Reaction at Intermediate Energies. Physical Review Letters, 2003, 90, 202502.	7.8	31
46	Shell structure underlying the evolution of quadrupole collectivity inS38andS40probed by transient-fieldg-factor measurements on fast radioactive beams. Physical Review C, 2006, 74, .	2.9	31
47	KÏ€=6+and8â^ isomer decays inHf172and Î”K=8E1 transition rates. Physical Review C, 1994, 49, 1718-1721.	2.9	30
48	Evidence for 2f7/2 neutron strength in the low energy structure of 144,146,148,150Nd isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 493, 7-11.	4.1	30
49	Single-particle and collective degrees of freedom inZr101andMo103,105. Physical Review C, 2006, 73, .	2.9	30
50	Intrinsic states and rotational bands in 177Pt. Nuclear Physics A, 1990, 510, 533-556.	1.5	29
51	High-spin bandcrossing in 129Ba. Nuclear Physics A, 1992, 548, 131-158.	1.5	29
52	Single particle degrees of freedom in the transition from deformed to spherical Nd nuclei. Physical Review C, 2001, 63, .	2.9	29
53	Anomalous band-crossings in the N=57 isotones103Pd and105Cd. Journal of Physics G: Nuclear and Particle Physics, 1993, 19, L157-L162.	3.6	28
54	Thermal-Spike Lifetime from Picosecond-Duration Preequilibrium Effects in Hyperfine Magnetic Fields Following Ion Implantation. Physical Review Letters, 1999, 82, 3637-3640.	7.8	28

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55	Measurement of g factors of excited states in radioactive beams by the transient field technique: 132Te. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 664, 241-245.	4.1	28
56	Transient field<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>g</mml:mi></mml:math>factor and mean-life measurements with a rare isotope beam of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>126</mml:mn></mml:msup></mml:math>Sn. Physical Review C, 2012, 86, .	2.9	28
57	Tests of interacting boson model wave functions from measured gyromagnetic ratios of states in the even Os isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 139, 259-262.	4.1	27
58	Properties of states in 215Ra and 217Th; evaluation of the to E3 strength in N = 127 isotones. Nuclear Physics A, 1989, 493, 145-156.	1.5	27
59	Multi-quasi-particle states in 173Hf. Nuclear Physics A, 1991, 523, 426-452.	1.5	27
60	Magnetic moments of 21+states in124,126,128Sn. Physical Review C, 2013, 87, .	2.9	27
61	High-precision<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>B</mml:mi><mml:mo>(</mml:mo><mml:mi>E</mml:mi> of semi-magic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>58</mml:mn><mml:mo>,</mml:mo><mml:mn>60</mml:mn><mml:mo>,</mml:mo><mml:mn>62</mml:mn>	2.9	27
62	Intrinsic states and collective structures in 181Ir. Nuclear Physics A, 1993, 554, 439-484.	1.5	26
63	Relativeg-factor measurements in the stable Te isotopes. Physical Review C, 2007, 76, .	2.9	26
64	Electromagnetic Moments of Radioactive <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Te</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>136</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> and the Emergence of Collectivity <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" disp	7.8	26
65	Monte Carlo simulation of the SABRE PoP background. Astroparticle Physics, 2019, 106, 1-9.	4.3	26
66	Radiative Width of the Hoyle State from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math> -Ray Spectroscopy. Physical Review Letters, 2020, 125, 182701.	7.8	26
67	Spectroscopy and octupole coupling of high-spin states in 213Rn. Nuclear Physics A, 1988, 482, 692-724.	1.5	25
68	Low-frequency band crossing in171Re: a deformed intruder interpretation. Journal of Physics G: Nuclear and Particle Physics, 1989, 15, L169-L175.	3.6	25
69	Systematics of first2+stategfactors around mass 80. Physical Review C, 2003, 68, .	2.9	25
70	One-neutron transfer study of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>135</mml:mn></mml:msup></mml:math>Te and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>137</mml:mn></mml:msup></mml:math>Xe by particle-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>coincidence spectroscopy: The<mml:math xmlns:mml=	2.9	25
71	Enhanced E3 transitions and mixed configurations for core excited isomers in 210At and 211At. Nuclear Physics A, 1987, 462, 576-586.	1.5	24
72	Measured gyromagnetic ratios and the low-excitation spectroscopy of 197Au. Nuclear Physics A, 1988, 486, 374-396.	1.5	24

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73	Spectroscopy and shell model interpretation of high-spin states in the N = 126 nucleus 214Ra. Nuclear Physics A, 1992, 548, 159-188.	1.5	24
74	High-spin states in 183Hg and shape coexistence in the odd-mass mercury isotopes. Nuclear Physics A, 1995, 589, 129-159.	1.5	24
75	Absorbed dose evaluation of Auger electron-emitting radionuclides: impact of input decay spectra on dose point kernels and S-values. Physics in Medicine and Biology, 2017, 62, 2239-2253.	3.0	24
76	Spectroscopy of 212Rn. Nuclear Physics A, 1988, 486, 397-413.	1.5	23
77	High-spin yrast isomer in 211Rn and 212Rn with enhanced E3 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 246, 31-35.	4.1	23
78	Octupole coupling and proton-neutron interactions in 214Fr. Nuclear Physics A, 1994, 567, 445-476.	1.5	23
79	Measured magnetic moments of 21+ states in 190â€“198Pt and interacting boson model description of M1 systematics in the platinum isotopes. Nuclear Physics A, 1995, 593, 212-232.	1.5	23
80	g factors in 116,118,120Sn: Sensitivity to configurations near the Fermi surface. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 665, 147-151.	4.1	23
81	Spectroscopy of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Th</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>230</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo		

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91	Low-energy structure of the even-ARu96â^'104isotopes viag-factor measurements. Physical Review C, 2011, 83, .	2.9	21
92	Disparity of measured gyromagnetic ratios of ground- and excited-band states in184W. Zeitschrift FÃ¼r Physik A, 1985, 322, 287-294.	1.4	20
93	Consistent description of magnetic dipole properties in transitional nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 348, 315-319.	4.1	20
94	Angular distributions ofÎ³rays with intermediate-energy beams. Physical Review C, 2003, 68, .	2.9	20
95	Spectroscopy of high-spin states of 206Po. Nuclear Physics A, 1990, 515, 493-524.	1.5	19
96	Gyromagnetic ratios of low-lying rotational states in156, 158, 160Gd. Zeitschrift FÃ¼r Physik A, 1991, 338, 135-138.	0.9	19
97	Magnetic moments in the 1/2â^'[521] ground-state band of 171Yb and Coriolis-induced renormalization of rotational g-factors in odd-A rare-earth nuclei. Nuclear Physics A, 2000, 669, 27-42.	1.5	19
98	¹³⁵La as an Auger-electron emitter for targeted internal radiotherapy. Physics in Medicine and Biology, 2018, 63, 015026.	3.0	19
99	Valence configurations in 214Rn. Nuclear Physics A, 1987, 467, 305-329.	1.5	18
100	Transient fields for W ions traversing Fe hosts and for Os ions traversing Fe and Ni hosts. Hyperfine Interactions, 1987, 36, 117-129.	0.5	18
101	Core-excited states and the yrast line in 208Po. Nuclear Physics A, 1997, 615, 95-116.	1.5	18
102	First<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>g</mml:mi><mml:mo>(</mml:mo><mml:msup><mml:mn>2</mml:mn><mml:mo>+</mml:mo> on neutron-rich<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>72</mml:mn></mml:msup></mml:math>Zn, and the high-velocity transient field technique for radioactive heavy-ion beams. Physical Review C, 2012, 85, .	2.9	18
103	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Rb</mml:mi></mml:mrow><mml:mr /><mml:mrow><mml:mn>97</mml:mn></mml:mrow><mml:mrow><mml:mn>37</mml:mn></mml:mrow></mml:mmultiscripts></mml: The Cornerstone of the Region of Deformation around<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>A</mml:mi><. Physical Review Letters, 2015, 115, 172501.	7.8	18
104	A stochastic cascade model for Auger-electron emitting radionuclides. International Journal of Radiation Biology, 2016, 92, 641-653.	1.8	18
105	The low excitation spectroscopy of 56, 57, 58Fe. Nuclear Physics A, 1978, 311, 75-92.	1.5	17
106	Measurement of the g-factor of the yrast 10+ state in 110Cd. Nuclear Physics A, 1995, 591, 533-547.	1.5	17
107	IMP AC in-beam and out-of-beam;g-factors and pre-equilibrium effects following ion-implantation. Hyperfine Interactions, 1996, 97-98, 479-499.	0.5	17
108	Gyromagnetic ratios of low-lying excited states inPt196. Physical Review C, 1981, 24, 2106-2113.	2.9	16

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109	Electromagnetic properties of low-excitation states in 191Ir and 193Ir and supersymmetry schemes. Nuclear Physics A, 2000, 669, 241-265.	1.5	16
110	Variations of the gyromagnetic ratios of low-lying states in 192Os. Nuclear Physics A, 1983, 401, 175-188.	1.5	15
111	Multiparticle-octupole coupling and magnetic moments of isomers in N = 126 isotones. Nuclear Physics A, 1993, 555, 355-368.	1.5	15
112	Spectroscopy of 211Rn approaching the valence limit. Nuclear Physics A, 1993, 560, 822-844.	1.5	15
113	Spectroscopy of 155Gd following Coulomb excitation: Signature-independent M1 properties and evidence for octupole correlations. Nuclear Physics A, 1998, 642, 361-386.	1.5	15
114	Spectroscopy of 215Ra: the shell model and enhanced E3 transitions. Nuclear Physics A, 1998, 641, 401-429.	1.5	15
115	Electron-configuration-reset time-differential recoil-in-vacuum technique for excited-stateg-factor measurements on fast exotic beams. Physical Review C, 2005, 71, .	2.9	15
116	Particle-rotor versus particle-vibration features in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>g</mml:mi></mml:math>factors of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Cd</mml:mi><mml:mprescripts /><mml:none /><mml:mn>111</mml:mn></mml:mmultiscripts></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="norm	2.9	15
117	Measured lifetimes of states in 197Au and a critical comparison with the weak-coupling core-excitation model. Nuclear Physics A, 1979, 321, 231-249.	1.5	14
118	Velocity dependence of the transient hyperfine field at Pd ions swiftly recoiling through magnetized Fe. Physical Review C, 1981, 23, 1618-1623.	2.9	14
119	Transient-field strength measurements for52Cr traversing Fe hosts at high velocity and polarization transfer mechanisms. Hyperfine Interactions, 1987, 36, 75-96.	0.5	14
120	34 Î¼s isomer at high spin inFr212: Evidence for a many-particle octupole coupled state. Physical Review C, 1990, 42, R6-R9.	2.9	14
121	Recent developments in excited-state gyromagnetic ratio measurements and nuclear structure. Nuclear Physics A, 2001, 682, 470-481.	1.5	14
122	gfactors of the9â^'and11â^'isomers inPb194andPb196: Configuration mixing and deformation. Physical Review C, 2004, 69, .	2.9	14
123	Atomic Radiations in the Decay of Medical Radioisotopes: A Physics Perspective. Computational and Mathematical Methods in Medicine, 2012, 2012, 1-14.	1.3	14
124	Spectroscopy and excited-state <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>g</mml:mi></mml:math> factors in weakly collective <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Cd</mml:mi><mml:mprescripts /><mml:none /><mml:mn>111</mml:mn></mml:mmultiscripts></mml:math> : Confronting collective and microscopic models. Physical Review C, 2019, 100, .	2.9	14
125	Table of electronic factors for E0 electron and electronâ€“positron pair conversion transitions. Atomic Data and Nuclear Data Tables, 2020, 131, 101283.	2.4	14
126	Early Signal of Emerging Nuclear Collectivity in Neutron-Rich <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Sb</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>129</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>. Physical Review Letters, 2020, 124, 032502.	7.8	14

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127	Characterization of SABRE crystal NaI-33 with direct underground counting. European Physical Journal C, 2021, 81, 1.	3.9	14
128	Level structure and lifetimes of low excitation states in 54Cr. Nuclear Physics A, 1980, 337, 1-12.	1.5	13
129	Electrodeposition of Pt and Os targets for nuclear reaction experiments. Nuclear Instruments & Methods in Physics Research, 1983, 211, 293-295.	0.9	13
130	Gyromagnetic ratios of excited states in 107, 109Ag. Nuclear Physics A, 1984, 427, 639-649.	1.5	13
131	Gyromagnetic ratios inDy164andEr168. Physical Review C, 1989, 40, 2035-2045.	2.9	13
132	Spectroscopy of 183W Measured magnetic moments and rotation-particle coupling. Nuclear Physics A, 1992, 536, 397-417.	1.5	13
133	Transient field measurements of first-excited stateg-factors in188,190,192Os. Zeitschrift FÃ¼r Physik A, 1992, 342, 373-377.	0.9	13
134	Yrast four-quasi-particle states in 182W. Nuclear Physics A, 1994, 567, 414-430.	1.5	13
135	Structure of high-spin yrast states in 205Pb and 206Pb. Nuclear Physics A, 1994, 580, 43-63.	1.5	13
136	Systematic measurements of transient fields for W, Os and Pt ions traversing Fe. Hyperfine Interactions, 1994, 88, 97-119.	0.5	13
137	Gyromagnetic ratios and octupole collectivity in the structure of theZr90â€“96isotopes. Physical Review C, 2004, 69, .	2.9	13
138	Shell model configurations in 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" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.co. Ph	4.1	13
139	First-excited state g factor of Te136 by the recoil in vacuum method. Physical Review C, 2017, 96, .	2.9	13
140	SOI Thin Microdosimeter Detectors for Low-Energy Ions and Radiation Damage Studies. IEEE Transactions on Nuclear Science, 2019, 66, 320-326.	2.0	13
141	Systematics of Gyromagnetic Ratios of the 21+ States in Even Ge Isotopes. Australian Journal of Physics, 1987, 40, 117.	0.6	13
142	Velocity dependence of transient hyperfine field at Pt ions rapidly recoiling through magnetized Fe. Physical Review C, 1981, 24, 1480-1485.	2.9	12
143	Short-lived isomers in 211Rn and 210Rn. Nuclear Physics A, 1985, 442, 153-162.	1.5	12
144	Gyromagnetic ratios in the transitional nuclei 144,146,148,150Nd. Nuclear Physics A, 1990, 516, 119-132.	1.5	12

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