Iain Darby

List of Publications by Year in descending order

85 papers	2,158 citations	218677 26 h-index	254184 43 g-index
89 all docs	89 docs citations	89 times ranked	1496 citing authors

#	Article	IF	Citations
1	Nuclear isomers in superheavy elements as stepping stones towards the island of stability. Nature, 2006, 442, 896-899.	27.8	176
2	Two-Proton Correlations in the Decay of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Fe</mml:mi><mml:mprescripts /><mml:none /><mml:mn>45</mml:mn></mml:mmultiscripts></mml:math>. Physical Review Letters, 2007, 99, 192501.	7.8	108
3	Discovery of¹⁰⁹Xe and¹⁰⁵Te: Superallowed α Decay near Doubly Magic¹⁰⁰Sn. Physical Review Letters, 2006, 97, 082501.	7.8	103
4	Orbital Dependent Nucleonic Pairing in the Lightest Known Isotopes of Tin. Physical Review Letters, 2010, 105, 162502.	7.8	98
5	Early Onset of Ground State Deformation in Neutron Deficient Polonium Isotopes. Physical Review Letters, 2011, 106, 052503.	7.8	94
6	Wobbling mode in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Ta</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>167</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2009, 80, .	2.9	77
7	Charge radii of odd-A 191â€“211Po isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 362-366.	4.1	64
8	An IAEA multi-technique X-ray spectrometry endstation at Elettra Sincrotrone Trieste: benchmarking results and interdisciplinary applications. Journal of Synchrotron Radiation, 2018, 25, 189-203.	2.4	64
9	Collectivity and Configuration Mixing in^{186,188}Pb and¹⁹⁴Po. Physical Review Letters, 2006, 97, 062501.	7.8	62
10	Electromagnetic moments of odd-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>A</mml:mi></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Po</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>193</mml:mn><mml:mo>â€“</mml:mo><mml:mn>203</mml:mn><mml:mo>,</mml:mo><mml:mn>211</mml:mn></mml:mrow></mml:mmultiscripts></mml:math> nuclei. Physical Review C, 2014, 89, .	2.9	51
11	Complete correlation studies of two-proton decays: 6Be and 45Fe. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 677, 30-35.	4.1	50
12	Probing the limit of nuclear existence: Proton emission from 159Re. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 641, 34-37.	4.1	46
13	Lifetimes of intruder states in 186Pb, 188Pb and 194Po. Nuclear Physics A, 2008, 801, 83-100.	1.5	44
14	Experimental Study of LoRa Transmission over Seawater. Sensors, 2018, 18, 2853.	3.8	44
15	In-gas-cell laser ionization spectroscopy in the vicinity of 100Sn: Magnetic moments and mean-square charge radii of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>50</mml:mn><mml:mtext>â€“</mml:mtext><mml:mn>5</mml:mn> Ag. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 191-197.	4.1	39
16	First observation of β-delayed three-proton emission in⁴⁵Fe. Physical Review C, 2007, 76, .	2.9	37
17	α decay of¹⁵⁹Re and proton emission from¹⁵⁵Ta. Physical Review C, 2007, 75, .	2.9	36
18	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>β</mml:mi></mml:mrow></mml:math>decay of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Ï€</mml:mi><mml:msub><mml:mi>f</mml:mi><mml:mrow><mml:mn>5</mml:mn></mml:mrow><mml:mo> state of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">C. Physical Review C, 2009, 80, .	2.9	36

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19	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>-Ray Spectroscopy at the Limits: First Observation of Rotational Bands in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Lr</mml:mi><mml:mprescripts /><mml:none /><mml:mn>255</mml:mn></mml:mmultiscripts></mml:math>. Physical Review Letters, 2009, 102, 212501.	7.8	34
20	Investigation of nuclear collectivity in the neutron mid-shell nucleusPb186. Physical Review C, 2007, 75, .	2.9	33
21	Shape coexistence along<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>40</mml:mn></mml:mrow></mml:math>. Physical Review C, 2011, 84, .	2.9	32
22	Blurring the Boundaries: Decays of Multiparticle Isomers at the Proton Drip Line. Physical Review Letters, 2014, 112, 092501.	7.8	30
23	Cross section systematics for the lightest Bi and Po nuclei produced in complete fusion reactions with heavy ions. Physical Review C, 2005, 72, .	2.9	28
24	Î± decay of the new isotopesRn193,194. Physical Review C, 2006, 74, .	2.9	27
25	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> [illegible] 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
26	Structure of rotational bands in 253No. European Physical Journal A, 2009, 42, 333.	2.5	27
27	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î²</mml:mi></mml:mrow></mml:math>-delayed proton emission branches in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Cr</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>43</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2011, 83, .	2.9	26
28	Low-energy structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mrow /><mml:mn>27</mml:mn><mml:mn>66</mml:mn></mml:msubsup></mml:math>Co<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>39</mml:mn></mml:msub></mml:math>and<mml:math [illegible]	2.9	26
29	[illegible] xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Ta</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>156</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	2.9	24
30	Ultrahigh-spin spectroscopy of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Er</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>159</mml:mn><mml:mo>,</mml:mo><mml:mn>160</mml:mn></mml:mrow></mml:mmultiscripts></mml:m [illegible] of triaxial strongly deformed structures. Physical Review C, 2009, 80, .	2.9	22
31	[illegible]decay of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Zn</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>81</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>and migrations [illegible]	2.9	22
32	Structure changes in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Er</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>160</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>from low to ultrahigh spin. Physical Review C, 2011, 83, .	2.9	22
33	Evidence for oblate structure inPb186. Physical Review C, 2005, 72, .	2.9	21
34	Discovery of 157W and 161Os. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 690, 15-18.	4.1	21
35	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="bold">Î²</mml:mi></mml:math>decay of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mrow><mml:mn>71</mml:mn><mml:mo>,</mml:mo><mml:mn>73</mml:mn></mml:mrow></mml:msup></mml:math>Co: Probing single-particle states approaching doubly magic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow [illegible]	2.9	21
36	Recoil-beta tagging: A novel technique for studying proton-drip-line nuclei. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 565, 630-636.	1.6	20

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37	Structure of¹⁹¹Pb from Î±- and Î²-decay spectroscopy. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 125103.	3.6	20
38	LoRa Transceiver With Improved Characteristics. IEEE Wireless Communications Letters, 2018, 7, 1058-1061.	5.0	20
39	Low-energy level schemes of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mrow><mml:mn mathvariant="bold">66</mml:mn><mml:mo>,</mml:mo><mml:mn mathvariant="bold">68</mml:mn></mml:mrow></mml:msup></mml:math>Fe and inferred proton and neutron excitations across<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	2.9	19
40	Nuclear levels in proton-unbound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">I</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>109</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>: Relative single-particle energies beyond the proton drip line. Physical Review C, 2007, 76, .	2.9	18
41	Decay of the high-spin isomer in 160Re: Changing single-particle structure beyond the proton drip line. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 78-81.	4.1	17
42	Study of the deformation-drivingÎ½d5/2orbital in 67 28 Ni 39 using one-neutron transfer reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 533-538.	4.1	16
43	Three-Year Long Source Apportionment Study of Airborne Particles in Ulaanbaatar Using X-Ray Fluorescence and Positive Matrix Factorization. Aerosol and Air Quality Research, 2019, 19, 1056-1067.	2.1	15
44	Two-proton radioactivity of 45Fe. European Physical Journal A, 2009, 42, 431.	2.5	14
45	Diverse collective excitations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow /><mml:mn>159</mml:mn></mml:msup><mml:mi mathvariant="bold">Er</mml:mi></mml:mrow></mml:math>up to high spin. Physical Review C, 2011, 84, .	2.9	14
46	Rotational structures and the wobbling mode in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Ta</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>167</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2011, 83, .	2.9	14
47	Low-energy level schemes of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ï€</mml:mi><mml:msub><mml:mi>h</mml:mi></mml:msub></mml:mrow></mml:math>through decay of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Ir</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>164</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Ir</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>164</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2014, 89, .	2.9	14
48	Analogous intruder behavior near Ni, Sn, and Pb isotopes. Physical Review C, 2015, 92, .	2.9	14
49	In-beam gamma-ray spectroscopy of 190, 197Po. European Physical Journal A, 2007, 34, 275-281.	2.5	13
50	Isomeric and ground-state properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msubsup><mml:mrow /><mml:mrow><mml:mn>78</mml:mn></mml:mrow><mml:mrow><mml:mn>171</mml:mn></mml:mrow></mml:msubsup><mml:mi mathvariant="normal">Pt</mml:mi></mml:mrow></mml:math>, <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi></mml:math>decay of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>61</mml:mn></mml:msup></mml:math>Mn to levels in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>61</mml:mn></mml:msup></mml:math>Fe. Physical Review C, 2013, 88, .	2.9	13
51	$eta $ decay of⁷²Co and microsecond isomers in even-mass neutron-rich nickel isotopes. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 115104.	3.6	13
52	Shape coexistence studied in ${}^{mathrm{182,184}}$Hg via theÎ²decay of ${}^{mathrm{182,184}}$Tl. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 074001.	3.6	13
53	Occurrence and multivariate exploratory analysis of the natural radioactivity anomaly in the south coastal region of Kenya. Radiation Physics and Chemistry, 2018, 146, 34-41.	2.8	13

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55	Competing quasiparticle configurations inW163. Physical Review C, 2010, 81, .	2.9	12
56	Spectroscopic factor and proton formation probability for the d3/2 proton emitter 151Lu. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 83-87.	4.1	12
57	Algorithms for pulse shape analysis using silicon detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 669, 70-78.	1.6	11
58	Multiparticle configurations of excited states in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Lu</mml:mi><mml:mprescripts /><mml:none /><mml:mn>155</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2016, 94, .	2.9	11
59	Rapid in-situ radiometric assessment of the Mrima-Kiruku high background radiation anomaly complex of Kenya. Journal of Environmental Radioactivity, 2018, 188, 47-57.	1.7	11
60	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mi>Î²</mml:mi><mml:mo>â^'</mml:mo></mml:msup></mml: decay study of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Mn</mml:mi><mml:mprescripts /><mml:none	2.9	11
61	display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Sn</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>100</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>: Studies of excitation functions for the reaction between<mml:math	2.9	10
62	Characterizing the atomic mass surface beyond the proton drip line via <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi></mml:math>-decay measurements of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Ï€</mml:mi><mml:msub><mml:mi mathvariant="bold">s</mml:mi><mml:mrow><mml:mn mathvariant="bold">1</mml:mn><mml:mo>/</mm	2.9	9
63	Experimental study of theNi66(d,p)ÂNi67one-neutron transfer reaction. Physical Review C, 2015, 91, .	2.9	9
64	Rapid assessment methodology in NORM measurements from building materials of Uzbekistan. Journal of Environmental Radioactivity, 2017, 169-170, 186-191.	1.7	9
65	Evolving collective structures in the transitional nuclei<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">W</mml:mi><mml:mprescripts /><mml:none /><mml:mn>162</mml:mn></mml:mmultiscripts></mml:math>and<mml:math	2.9	8
66	Evidence for prolate structure in light Pb isotopes from in-beam <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î³</mml:mi></mml:mrow></mml:math>-ray spectroscopy of<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>185</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>.	2.9	7
67	Ni levels in the decay of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>64</mml:mn></mml:msup></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mn>1</mml:mn><mml:mo>+</mml:mo></mml:msup></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow	2.9	7
68	Band crossings in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Ta</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>166</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2010, 82, .	2.9	6
69	Low-lying excited states in the neutron-deficient isotopes<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>163</mml:mn></mml:msup></mml:math>Os and<mml:math	2.9	6
70	Collective excitations in the transitional nuclei<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Re</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>163</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Re</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>165</mml:	2.9	6
71	Spectroscopy at the two-proton drip line: Excited states in 158W. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 703-707.	4.1	6
72	Publisherâ€™s Note: Wobbling mode in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Ta</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>167</mml:mn></mml:mrow></mml:mmultiscripts></mml:math> [Phys. Rev. C80, 041304 (2009)]. Physical Review C, 2009, 80, .	2.9	5

#	Article	IF	Citations
73	High-spin yrast structure of159Ho. Physical Review C, 2011, 84, .	2.9	5
74	First observation of excited states of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>173</mml:mn></mml:msup></mml:math>Hg. Physical Review C, 2012, 85, .	2.9	5
75	High-spin states beyond the proton drip-line: Quasiparticle alignments in 113 Cs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 243-249.	4.1	5
76	Isomer spectroscopy in254No. Physica Scripta, 2006, T125, 73-77.	2.5	4
77	Identification of the 109Xe and 105Te Î±-decay chain. European Physical Journal: Special Topics, 2007, 150, 131-134.	2.6	4
78	Excited states in the proton-unbound nuclide<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ta</mml:mi><mml:mprescripts /><mml:none /><mml:mn>158</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2016, 93, .	2.9	4
79	Early onset of deformation in the neutron-deficient polonium isotopes. Journal of Physics: Conference Series, 2012, 381, 012072.	0.4	3
80	Competing Decay Modes of a High-spin Isomer in the Proton-unbound Nucleus ^{158}Ta. Acta Physica Polonica B, 2015, 46, 695.	0.8	2
81	Experimental assessment of effectively probed volume in confocal XRF spectrometry using microparticles. X-Ray Spectrometry, 2019, 48, 553-560.	1.4	2
82	Reinvestigation of the excited states in the proton emitter Lu151 : Particle-hole excitations across the N=Z=64 subshell. Physical Review C, 2017, 96, .	2.9	1
83	The Effect of Radiation Damage on the Charge Collection Efficiency of Silicon Avalanche Photodiodes. IEEE Transactions on Nuclear Science, 2022, 69, 152-159.	2.0	1
84	Collectivity in neutron-deficient Pb and Po nuclei. European Physical Journal: Special Topics, 2007, 150, 121-122.	2.6	0
85	Decays of New Nuclides and Isomers Beyond the Proton Drip Lineâ€"The Influence of Neutron Configurations. , 2008, , .		0