Thomas Elias Cocolios

List of Publications by Year
in descending order

150	4,169	94433	144013
papers	citations	37 h-index	57 g-index

155	155	155	1735
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Producing gold at ISOLDE-CERN. Nuclear Instruments & Methods in Physics Research B, 2022, 513, 26-32.	1.4	0
2	Characterization of a Continuous Muon Source for the Non-Destructive and Depth-Selective Elemental Composition Analysis by Muon Induced X- and Gamma-rays. Applied Sciences (Switzerland), 2022, 12, 2541.	2.5	9
3	Decay modes of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>9</mml:mn><mml:mo>/</mml:mo><mml:msup><mml:m isomeric state in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Tl</mml:mi><mml:mprescripts /><mml:none /><mml:mn>183</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2022, 105, .	2.9	1
4	Electromagnetic moments of scandium isotopes and Nâ€¯=â€¯28 isotones in the distinctive 0f7/2 orbit. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137064.	4.1	10
5	Design and thermal simulations towards a high intensity radioactive ion source for ISOL@MYRRHA. Journal of Physics: Conference Series, 2022, 2244, 012065.	0.4	1
6	Nuclear moments of indium isotopes reveal abrupt change at magic number 82. Nature, 2022, 607, 260-265.	27.8	22
7	A porous hexagonal boron nitride powder compact for the production and release of radioactive 11C. Journal of the European Ceramic Society, 2021, 41, 4086-4097.	5.7	4
8	Production of Sm-153 With Very High Specific Activity for Targeted Radionuclide Therapy. Frontiers in Medicine, 2021, 8, 675221.	2.6	10
9	Isotope Shifts of Radium Monofluoride Molecules. Physical Review Letters, 2021, 127, 033001.	7.8	23
10	Laser-assisted nuclear decay spectroscopy of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Au</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>176</mml:mn><mml:mo>,</mml:mo><mml:mn>177</mml:mn><mml:mo>,</mml:mo><mml:mn>179</mml: Physical Review C, 2021, 104, .	2.9	7
11	display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Hg</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>207</mml:mn><mml:mo>,</mml:mo><mml:mn>208</mml:mn></mml:mrow></mml:mmultiscripts></mml:m Isotopes: Illuminating the Kink and Odd-Even Staggering in Charge Radii across the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>N</mml:mi><mml: Physica	7.8	37
12	Charge radii of exotic potassium isotopes challenge nuclear theory and the magic character of Nâ€‰=â€‰32. Nature Physics, 2021, 17, 439-443.	16.7	79
13	Large Shape Staggering in Neutron-Deficient Bi Isotopes. Physical Review Letters, 2021, 127, 192501.	7.8	27
14	Charge radii, moments, and masses of mercury isotopes across the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>126</mml shell closure. Physical Review C, 2021, 104, .	2.9	10
15	Measurement of spallation cross sections for the production of terbium radioisotopes for medical applications from tantalum targets. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 327-329.	1.4	5
16	Production of intense mass separated 11C beams for PET-aided hadron therapy. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 403-407.	1.4	7
17	A new control system for high-precision In-Gas Laser Ionization and Spectroscopy experiments at KU Leuven. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 297-301.	1.4	6
18	MELISSA: Laser ion source setup at CERN-MEDICIS facility. Blueprint. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 460-463.	1.4	13

#	Article	IF	Citations
19	Optimising the Collinear Resonance Ionisation Spectroscopy (CRIS) experiment at CERN-ISOLDE. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 384-389.	1.4	13
20	Resonance ionization schemes for high resolution and high efficiency studies of exotic nuclei at the CRIS experiment. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 398-402.	1.4	7
21	A compact linear Paul trap cooler buncher for CRIS. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 375-377.	1.4	6
22	Laser-assisted decay spectroscopy for the ground states of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Au</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>180</mml:mn><mml:mo>,</mml:mo><mml:mn>182</mml:mn></mml:mrow></mml:mmultiscripts></mml:m Physical Review C, 2020, 102, .	2.9	10
23	Laser spectroscopy of indium Rydberg atom bunches by electric field ionization. Scientific Reports, 2020, 10, 12306.	3.3	12
24	Î² -delayed fission of isomers in Bi188. Physical Review C, 2020, 102, .	2.9	7
25	Laser-assisted decay spectroscopy and mass spectrometry of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Au</mml:mi><mml:mprescripts /><mml:none /><mml:mn>178</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2020, 102, .	2.9	8
26	Tin resonance-ionization schemes for atomic- and nuclear-structure studies. Physical Review A, 2020, 102, .	2.5	12
27	Spectroscopy of short-lived radioactive molecules. Nature, 2020, 581, 396-400.	27.8	78
28	Nuclear structure of ^{181}Au studied via $$upbeta ^+$$/EC decay of ^{181}Hg at ISOLDE. European Physical Journal A, 2020, 56, 1.	2.5	7
29	First Glimpse of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>82</mml:mn></mml:math> Shell Closure below <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Z</mml:mi><mml:mo>=</mml:mo><mml:mn>50</mml:mn></mml:math> from Masses of Neutron-Rich Cadmium Isotopes and Isomers. Physical Review Letters, 2020, 124, 092502.	7.8	41
30	Hyperfine anomaly in gold and magnetic moments of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msup><mml:mi>I</mml:mi><mml:mi>Ï€</mml:mi></mml:msup></mml:mrow></mml:math> gold isomers. Physical Review C, 2020, 101, .	2.9	24
31	First laser ions at the CERN-MEDICIS facility. Hyperfine Interactions, 2020, 241, 1.	0.5	7
32	Analytic response relativistic coupled-cluster theory: the first application to indium isotope shifts. New Journal of Physics, 2020, 22, 012001.	2.9	21
33	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math> -decay branching ratio of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Pt</mml:mi><mml:mprescripts /><mml:none /><mml:mn>180</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2020, 101, .	2.9	2
34	On the performance of wavelength meters: Part 1â€”consequences for medium-to-high-resolution laser spectroscopy. Applied Physics B: Lasers and Optics, 2020, 126, 1.	2.2	20
35	Measurement and microscopic description of oddâ€“even staggering of charge radii of exotic copper isotopes. Nature Physics, 2020, 16, 620-624.	16.7	76
36	Measurement of the quadrupole moment of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Re</mml:mi><mml:mprescripts /><mml:none /><mml:mn>185</mml:mn></mml:mmultiscripts></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Re</mml:mi><mml:mprescripts /><mml:none /><mml:mn>187</mml:mn></mml:mmultiscripts></mml:math> from the hyperfine structure of muonic X rays. Physical Review C, 2020, 101, .	2.9	21

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37	-decay properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Fr</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>200</mml:mn><mml:mo>,</mml:mo><mml:mn>202</mml:mn></mml:mrow></mml:mmultiscripts></mml	2.9	10
38	Electromagnetic properties of low-lying states in neutron-deficient Hg isotopes: Coulomb excitation of 182Hg, 184Hg, 186Hg and 188Hg. European Physical Journal A, 2019, 55, 1.	2.5	13
39	Precision measurements of the charge radii of potassium isotopes. Physical Review C, 2019, 100, .	2.9	22
40	Fine structure in the Î± decay of At218. Physical Review C, 2019, 99, .	2.9	5
41	Simulation of the relative atomic populations of elements 1â€‰â‰â€Zâ€‰â‰89 following charge exchange tested with collinear resonance ionization spectroscopy of indium. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2019, 153, 61-83.	2.9	21
42	A compact RFQ cooler buncher for CRIS experiments. Hyperfine Interactions, 2019, 240, 1.	0.5	3
43	Inverse odd-even staggering in nuclear charge radii and possible octupole collectivity in At217,218,219 revealed by in-source laser spectroscopy. Physical Review C, 2019, 99, .	2.9	13
44	Shape staggering of midshell mercury isotopes from in-source laser spectroscopy compared with density-functional-theory and Monte Carlo shell-model calculations. Physical Review C, 2019, 99, .	2.9	43
45	Laser-spectroscopy studies of the nuclear structure of neutron-rich radium. Physical Review C, 2018, 97, .	2.9	21
46	MEDICIS-Promed: an Innovative Training Network for a new generation of professionals in nuclear medicine. IFMBE Proceedings, 2018, , 530-533.	0.3	2
47	Nuclear structure with radioactive muonic atoms. EPJ Web of Conferences, 2018, 193, 04014.	0.3	4
48	Change in structure between the Iâ€=â€1/2 states in 181Tl and 177,179Au. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 355-363.	4.1	22
49	Characterization of the shape-staggering effect in mercury nuclei. Nature Physics, 2018, 14, 1163-1167.	16.7	106
50	Radium ionization scheme development: The first observed autoionizing states and optical pumping effects in the hot cavity environment. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2018, 150, 99-104.	2.9	3
51	Charge radii and electromagnetic moments of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>At</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>195</mml:mn><mml:mo>â€“</mml:mo><mml:mn>211</mml:mn></mml:mrow></mml:mmultiscripts></m	2.9	35
52	Enhancing the extraction of laser-ionized beams from an arc discharge ion source volume. Nuclear Instruments & Methods in Physics Research B, 2018, 431, 59-66.	1.4	14
53	Changes in mean-squared charge radii and magnetic moments of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Tl</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>179</mml:mn><mml:mo>â€“</mml:mo><mml:mn>184</mml:mn></mml:mrow></mml:mmultiscripts></m	2.9	23
54	Application of the Broad Energy Germanium detector: A technique for elucidating Î² -decay schemes which involve daughter nuclei with very low energy excited states. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 849, 112-118.	1.6	3

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55	Collectivity in^{196,198}Pb isotopes probed in Coulomb-excitation experiments at REX-ISOLDE. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 064009.	3.6	3
56	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
57	Spectroscopy of the long-lived excited state in the neutron-deficient nuclides <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Po</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>195</mml:mn><mml:mo>,</mml:mo><mml:mn>197</mml:mn><mml:mo>,</mml:mo><mml:mn>199</mml:mn>	2.9	15
58	Probing the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ga</mml:mi><mml:mprescripts /><mml:mn>31</mml:mn><mml:none /></mml:mmultiscripts></mml:math> ground-state properties in the region near <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Z</mml:mi><mml:mo>=</mml:mo><mml:mn>28</mml:mn> with high-resolution laser spectroscopy. Physical Review C, 2017, 96, .	2.9	15
59	Quadrupole moment of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Fr</mml:mi><mml:mprescripts /><mml:none /><mml:mn>203</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2017, 96, .	2.9	10
60	Dipole and quadrupole moments of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Cu</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>73</mml:mn><mml:mtext>â€“</mml:mtext><mml:mn>78</mml:mn></mml:mrow></mml:mmultiscripts></m as a test of the robustness of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Z</mml:mi><mml:mo>=</mml:mo><mml:mn>28</mml:mn></mml:	2.9	41
61	Penning-trap mass spectrometry and mean-field study of nuclear shape coexistence in the neutron-deficient lead region. Physical Review C, 2017, 95, .	2.9	12
62	The ISOLDE LEGOÂ®robot: building interest in frontier research. Physics Education, 2017, 52, 044004.	0.5	1
63	New systematic features in the neutron-deficient Au isotopes. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 074003.	3.6	10
64	Precision electron-capture energy in 202Pb and its relevance for neutrino mass determination. European Physical Journal A, 2017, 53, 1.	2.5	6
65	Detailed <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math> -decay study of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Tl</mml:mi><mml:mprescripts /><mml:none /><mml:mn>183</mml:mn></mml:mmultiscripts></mml:math>	2.9	4
66	Binding Energy of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Cu</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>79</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> : Probing the Structure of the Doubly Magic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts>	7.8	70
67	A new perspective on charge radii around Z = 82. Hyperfine Interactions, 2017, 238, 1.	0.5	1
68	Laser resonance ionization spectroscopy on lutetium for the MEDICIS project. Hyperfine Interactions, 2017, 238, 1.	0.5	14
69	A simple decay-spectroscopy station at CRIS-ISOLDE. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 844, 14-18.	1.6	3
70	The Institute for Nuclear and Radiation Physics at the University of Leuven. Nuclear Physics News, 2017, 27, 18-22.	0.4	1
71	Î±-decay study of ${}^{mathrm{182,184}}$Tl. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 025102.	3.6	10
72	Laser and decay spectroscopy of the short-lived isotope <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Fr</mml:mi><mml:mprescripts /><mml:none /><mml:mn>214</mml:mn></mml:mmultiscripts></mml:math> in the vicinity of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>126</mml: shell closure. Physical Review C, 2016, 94, .	2.9	15

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73	High-resolution laser spectroscopy with the Collinear Resonance Ionisation Spectroscopy (CRIS) experiment at CERN-ISOLDE. Nuclear Instruments & Methods in Physics Research B, 2016, 376, 284-287.	1.4	16
74	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math>-delayed fission and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math>decay of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">At</mml:mi><mml:mprescripts /><mml:none /><mml:mn>196</mml:mn></mml:mmultiscripts></mml:math>	2.9	10
75	Combined high-resolution laser spectroscopy and nuclear decay spectroscopy for the study of the low-lying states inFr206,At202, andBi198. Physical Review C, 2016, 93, .	2.9	14
76	Publisher's Note: Laser and decay spectroscopy of the short-lived isotope <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Fr</mml:mi><mml:mprescripts /><mml:none /><mml:mn>214</mml:mn></mml:mmultiscripts></mml:math> in the vicinity of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>126</mml:	2.9	1
77	Rearrangement of valence neutrons in the neutrinoless double- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>I²</mml:mi></mml:math> decay of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Xe</mml:mi><mml:mprescripts /><mml:none /><mml:mn>136</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2016, 94, .	2.9	23
78	Blurring the boundaries between ion sources: The application of the RILIS inside a FEBIAD type ion source at ISOLDE. Nuclear Instruments & Methods in Physics Research B, 2016, 376, 39-45.	1.4	22
79	Precision Mass Measurements of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Cd</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>129</mml:mn><mml:mo>â€“</mml:mo><mml:mn>131</mml:mn></mml:mrow></mml:mmultiscripts></mml: Their Impact on Stellar Nucleosynthesis via the Rapid Neutron Capture Process. Physical Review Letters, 2015, 115, 232501.	7.8	66
80	Collectivity in the light radon nuclei measured directly via Coulomb excitation. Physical Review C, 2015, 91, .	2.9	8
81	Internal decay of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mo>(</mml:mo><mml:msup><mml:mn>10</mml:mn><mml:mo>â^’</mml: state in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Tl</mml:mi><mml:mprescripts /><mml:none /><mml:mn>184</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2015, 92, .	2.9	7
82	Deformation and mixing of coexisting shapes in neutron-deficient polonium isotopes. Physical Review C, 2015, 92, .	2.9	25
83	Use of a Continuous Wave Laser and Pockels Cell for Sensitive High-Resolution Collinear Resonance Ionization Spectroscopy. Physical Review Letters, 2015, 115, 132501.	7.8	54
84	In-Source Laser Spectroscopy with the Laser Ion Source and Trap: First Direct Study of the Ground-State Properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Po</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>217</mml:mn><mml:mo>,</mml:mo><mml:mn>219</mml:mn></mml:mrow></mml:mmultiscripts></mml:m Physical Review X, 2015, 5, .	8.9	18
85	Shapes and Collectivity in Neutron Deficient Even-Mass ^{188â€“198}Pb Isotopes. , 2015, , .		2
86	Do nuclei go pear-shaped? Coulomb excitation of220Rn and224Ra at REX-ISOLDE (CERN). EPJ Web of Conferences, 2015, 93, 01038.	0.3	0
87	Single-neutron orbits near 78 Ni: Spectroscopy of the<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>49</mml:mn></mml:math>isotope 79 Zn. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 298-302.	4.1	27
88	Laser spectroscopy of francium isotopes at the borders of the region of reflection asymmetry. Physical Review C, 2014, 90, .	2.9	39
89	Competition between pairing correlations and deformation from the odd-even mass staggering of francium and radium isotopes. Physical Review C, 2014, 90, .	2.9	14
90	Decay-Assisted Laser Spectroscopy of Neutron-Deficient Francium. Physical Review X, 2014, 4, .	8.9	34

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91	Evolution of nuclear ground-state properties of neutron-deficient isotopes aroundZ=82from precision mass measurements. Physical Review C, 2014, 90, .	2.9	16
92	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>54< Ag. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 191-197.	4.1	39
93	<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	2.9	51
94	Shape Coexistence in the Neutron-Deficient Even-Even<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Hg</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>182</mml:mn><mml:mo>â^’</mml:mo><mml:mn>188</mml:mn></mml:mrow></mml:mmultiscripts></mml: Studied via Coulomb Excitation. Physical Review Letters, 2014, 112, 162701.	7.8	96
95	Evolution of fission-fragment mass distributions in the neutron-deficient lead region. Physical Review C, 2014, 90, .	2.9	39
96	Î±decay ofAu176. Physical Review C, 2014, 90, .	2.9	8
97	Determination of theB(E3, 0⁺â† 3^{â^’})-excitation strength in octupole-correlated nuclei nearAâ‰ˆ 224 by the means of Coulomb excitation at REX-ISOLDE. Journal of Physics: Conference Series, 2014, 533, 012007.	0.4	2
98	Recent exploits of the ISOLTRAP mass spectrometer. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 492-500.	1.4	41
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