Sami Rinta-Antila

List of Publications by Year
in descending order

205	4,187	109321	149698
papers	citations	35 h-index	56 g-index

214	214	214	1758
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Revised rates for the stellar triple-Î± process from measurement of 12C nuclear resonances. Nature, 2005, 433, 136-139.	27.8	205
2	JYFLTRAP: a cylindrical Penning trap for isobaric beam purification at IGISOL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 528, 776-787.	1.6	171
3	Evolution 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>50</mml:mn></mml:math>Shell Gap Energy towards<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mn>78</mml:mn></mml:mmultiscripts></mml:math>. Physical Review Letters, 2008, 101, 052502.	7.8	147
4	JYFLTRAP: a Penning trap for precision mass spectroscopy and isobaric purification. European Physical Journal A, 2012, 48, 1.	2.5	118
5	First Precision Mass Measurements of Refractory Fission Fragments. Physical Review Letters, 2006, 96, 042504.	7.8	112
6	Reactor Decay Heat in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Pu</mml:mi><mml:mprescripts /><mml:none /><mml:mn>239</mml:mn></mml:mmultiscripts></mml:math>: Solving the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>Discrepancy in the 4â€“3000-s Cooling Period. Physical Review Letters, 2010, 105, 202501.	7.8	107
7	Towards commissioning the new IGISOL-4 facility. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 208-213.	1.4	102
8	The FRS Ion Catcher â€“ A facility for high-precision experiments with stopped projectile and fission fragments. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 457-462.	1.4	97
9	The shape transition in the neutron-rich yttrium isotopes and isomers. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 645, 133-137.	4.1	92
10	Precision mass measurements of neutron-rich Tc, Ru, Rh, and Pd isotopes. Physical Review C, 2007, 75, .	2.9	82
11	Masses of neutron-rich Ni and Cu isotopes and the shell closure at Z = 28 , N = 40. European Physical Journal A, 2007, 34, 5-9.	2.5	82
12	Precision mass measurements of neutron-rich yttrium and niobium isotopes. Nuclear Physics A, 2007, 793, 20-39.	1.5	74
13	Precision Mass Measurements beyond<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>132</mml:mn></mml:mmultiscripts></mml:math>: Anomalous Behavior of Odd-Even Staggering of Binding Energies. Physical Review Letters, 2012, 109, 032501.	7.8	74
14	Mass measurements of neutron-deficient nuclides close to A = 80 with a Penning trap. European Physical Journal A, 2006, 29, 271-280.	2.5	72
15	QECValues of the SuperallowedÎ²EmittersMn50andCo54. Physical Review Letters, 2008, 100, 132502.	7.8	70
16	Precision experiments on exotic nuclei at IGISOL. International Journal of Mass Spectrometry, 2006, 251, 204-211.	1.5	64
17	Development of a laser ion source at IGISOL. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1499-S1502.	3.6	61
18	Decay study of neutron-rich zirconium isotopes employing a Penning trap as a spectroscopy tool. European Physical Journal A, 2007, 31, 1-7.	2.5	59

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19	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>R</mml:mi></mml:mrow></mml:math>-matrix analysis of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î²</mml:mi></mml:mrow></mml:math>decays of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi	2.9	59
20	Shell-Structure and Pairing Interaction in Superheavy Nuclei: Rotational Properties of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Z</mml:mi><mml:mo mathvariant="bold">=</mml:mo><mml:mn>104</mml:mn></mml:math>Nucleus<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Rf</mml:mi><mml:mprescripts /><mml:none /><mml:mn>256</mml:mn></mml:mmultiscripts></mml:math>. Physical Review Letters, 2012, 109, 012501.	7.8	59
21	Production of neutron deficient rare isotope beams at IGISOL; on-line and off-line studies. Nuclear Instruments & Methods in Physics Research B, 2004, 222, 632-652.	1.4	57
22	Precise atomic masses of neutron-rich Br and Rb nuclei close to the r-process path. European Physical Journal A, 2007, 32, 87-96.	2.5	56
23	Phase-Imaging Ion-Cyclotron-Resonance technique at the JYFLTRAP double Penning trap mass spectrometer. European Physical Journal A, 2018, 54, 1.	2.5	52
24	<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
25	Precision Mass Measurements on Neutron-Rich Rare-Earth Isotopes at JYFLTRAP: Reduced Neutron Pairing and Implications for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>r</mml:mi></mml:math> -Process Calculations. Physical Review Letters, 2018, 120, 262701.	7.8	46
26	Q-value of the superallowed Î² decay of 62Ga. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 636, 191-196.	4.1	45
27	Isomeric states close to doubly magic<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>Sn studied with the double Penning trap JYFLTRAP. Physical Review C, 2013, 87, .	2.9	45
28	Direct mass measurements of neutron-rich zirconium isotopes up toZr104. Physical Review C, 2004, 70, .	2.9	42
29	Precise branching ratios to unbound 12C states from 12N and 12B Î²-decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 678, 459-464.	4.1	41
30	Properties of the 12C 10 MeV state determined through Î²-decay. Nuclear Physics A, 2005, 760, 3-18.	1.5	40
31	Mass Measurements and Implications for the Energy of the High-Spin Isomer inAg94. Physical Review Letters, 2008, 101, 142503.	7.8	39
32	First experimental results of a cryogenic stopping cell with short-lived, heavy uranium fragments produced at 1000 MeV/u. Europhysics Letters, 2013, 104, 42001.	2.0	36
33	Total absorption study of the<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	2.9	36
34	Discovery of an Exceptionally Strong<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi></mml:math> -Decay Transition of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">F</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>20</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> an	7.8	36
35	On the decrease in charge radii of multi-quasi particle isomers. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 645, 330-334.	4.1	35
36	Half-life, branching-ratio, andQ-value measurement for the superallowed0+â†'0+Î²+emitterTi42. Physical Review C, 2009, 80, .	2.9	35

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37	Performance of IGISOL 3. European Physical Journal A, 2005, 25, 745-747.	2.5	32
38	Decay of the9/2â^'isomer inTl181and mass determination of low-lying states inTl181,Au177, andIr173. Physical Review C, 2009, 80, .	2.9	31
39	Determining isotopic distributions of fission products with a Penning trap. European Physical Journal A, 2010, 44, 147-168.	2.5	30
40	Excited states in 31S studied via beta decay of 31Cl. European Physical Journal A, 2006, 27, 67-75.	2.5	29
41	Combined in-beam electron and <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">Hg</mml:mi><mml:mprescripts	2.9	29
42	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
43	Large Impact of the Decay of Niobium Isomers on the Reactor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mover accent="true"><mml:mi>Î½</mml:mi><mml:mo stretchy="false">Â¯</mml:mo></mml:mover><mml:mi>e</mml:mi></mml:msub></mml:math> Summation Calculations. Physical Review Letters, 2019, 122, 042502.	7.8	29
44	Penning trap for isobaric mass separation at IGISOL. Nuclear Instruments & Methods in Physics Research B, 2003, 204, 502-506.	1.4	28
45	Isomeric state of 80Y and its role in the astrophysical rp-process. European Physical Journal A, 2001, 11, 257-261.	2.5	26
46	Beta decay of neutron-rich116Rhand the low-lying level structure of even-even116Pd. Physical Review C, 2001, 63, .	2.9	26
47	Penning trap assisted decay spectroscopy of neutron-rich 115Ru. European Physical Journal A, 2007, 31, 263-266.	2.5	26
48	The new isotope¹⁷⁹Pb and Î±-decay properties of¹⁷⁹Tl^m. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 035102.	3.6	25
49	Î² decay of116Agmand the vibrational structure of116Cd. Physical Review C, 2001, 64, .	2.9	24
50	In-trap conversion electron spectroscopy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 492, 451-463.	1.6	24
51	Precision mass measurements of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î²</mml:mi></mml:mrow></mml:math>decays of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">N</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>12</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">O</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>14</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>: 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:	2.9	23
52	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:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>60</mml:mn></mml:math>shell gaps in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Zr</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>96</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>.	2.9	23
53	Values among the Triplet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Zr</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>96</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>,<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mrow><mml:mi>Mo</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>96</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>,<mml:math	7.8	23
54	Î²decay of neutron-rich118Agand120Agisotopes. Physical Review C, 2003, 67, .	2.9	22

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55	Isotope shifts from collinear laser spectroscopy of doubly charged yttrium isotopes. Physical Review A, 2018, 97, .	2.5	22
56	Exploring the mass surface near the rare-earth abundance peak via precision mass measurements at JYFLTRAP. Physical Review C, 2020, 101, .	2.9	22
57	Beta decay of neutron-rich 118Rh and the lowest excited states in 118Pd. European Physical Journal A, 2000, 9, 9-12.	2.5	21
58	Upgrade and yields of the IGISOL facility. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 4454-4459.	1.4	21
59	Breakup channels for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">C</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>12</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>triple-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î±</mml:mi></mml:mrow></mml:math>continuum states. Physical	2.9	21
60	Recommissioning of JYFLTRAP at the new IGISOL-4 facility. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 506-509.	1.4	21
61	First experiment with the NUSTAR/FAIR Decay Total Absorption <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.gif" overflow="scroll"><mml:mrow><mml:mi>Î³</mml:mi></mml:mrow></mml:math>-Ray Spectrometer (DTAS) at the IGISOL IV facility. Nuclear Instruments & Methods in Physics Research B, 2016, 376, 334-337.	1.4	21
62	Conversion electron spectroscopy of isobarically purified trapped radioactive ions. European Physical Journal A, 2007, 34, 113-118.	2.5	20
63	Fission yield studies at the IGISOL facility. European Physical Journal A, 2012, 48, 1.	2.5	20
64	High-precision mass measurements of 25Al and 30P at JYFLTRAP. European Physical Journal A, 2016, 52, 1.	2.5	19
65	Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msup><mml:mn>2</mml:mn><mml:mo>+</mml:mo></mml:msup></mml:mrow></mml:math> ground-state transition in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math> decay of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Pd</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>94</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2019, 100, .	2.9	19
66	Upgrades to the collinear laser spectroscopy experiment at the IGISOL. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 437-440.	1.4	19
67	Observation of a new high-spin isomer in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Pd</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>94</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2010, 82, .	2.9	18
68	Confirming band assignments in 167ytterbium with gamma-gamma-electron triple-coincidence spectroscopy. European Physical Journal A, 2019, 55, 1.	2.5	18
69	Three beta-decaying states in 128In and 130In resolved for the first time using Penning-trap techniques. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 808, 135642.	4.1	18
70	In-beam spectroscopy with intense ion beams: Evidence for a rotational structure in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>246</mml:mn></mml:msup></mml:math>Fm. Physical Review C, 2012, 85, .	2.9	17
71	High-precision mass measurements for the isobaric multiplet mass equation atA= 52. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 065103.	3.6	17
72	Characterization and performance of the DTAS detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 910, 79-89.	1.6	17

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73	First isomeric yield ratio measurements by direct ion counting and implications for the angular momentum of the primary fission fragments. Physical Review C, 2018, 98, .	2.9	17
74	Isomeric fission yield ratios for odd-mass Cd and In isotopes using the phase-imaging ion-cyclotron-resonance technique. Physical Review C, 2019, 99, .	2.9	17
75	Beta-decay branching ratios of 62Ga. European Physical Journal A, 2008, 36, 121-126.	2.5	16
76	Hindered Gamow-Teller Decay to the Odd-Odd<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mi>Z</mml:mi></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Ga</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>62</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></	7.8	16
77	High-energy excited states in⁹⁸Cd. Journal of Physics: Conference Series, 2010, 205, 012035.	0.4	15
78	Detailed spectroscopy of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Bi</mml:mi><mml:mprescripts /><mml:none /><mml:mn>193</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2015, 92, .	2.9	15
79	Mass of astrophysically relevant<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Cl</mml:mi><mml:mprescripts /><mml:none /><mml:mn>31</mml:mn></mml:mmultiscripts></mml:math>and the breakdown of the isobaric multiplet mass equation. Physical Review C, 2016, 93, .	2.9	15
80	Independent isotopic yields in 25 MeV and 50 MeV proton-induced fission of natU. European Physical Journal A, 2016, 52, 1.	2.5	15
81	Experimental study of Tc100 Î² decay with total absorption Î³ -ray spectroscopy. Physical Review C, 2017, 96, .	2.9	15
82	High-precision measurement of the mass difference between 102Pd and 102Ru. International Journal of Mass Spectrometry, 2019, 435, 204-208.	1.5	15
83	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Dy</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>159</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> Electron-Capture: A New Candidate for Neutrino Mass Determination. Physical Review Letters, 2021, 127, 272301.	7.8	15
84	Isomers of astrophysical interest in neutron-deficient nuclei at masses A = 81, 85 and 86. European Physical Journal A, 2005, 25, 355-363.	2.5	14
85	An ion guide for the production of a low energy ion beam of daughter products of Î±-emitters. Nuclear Instruments & Methods in Physics Research B, 2006, 252, 347-353.	1.4	14
86	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math>decay of the<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:mro 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
87	Oblately deformed isomeric proton-emitting state in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Lu</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>151</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2014, 89, .	2.9	14
88	High-Precision <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Q</mml:mi></mml:math> -Value Measurement Confirms the Potential of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Cs</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>135</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> f	7.8	14
89	The DESPEC setup for GSI and FAIR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1033, 166662.	1.6	14
90	Beta-delayed gamma and proton spectroscopy near the Z = N line. European Physical Journal A, 2005, 25, 129-130.	2.5	13

#	Article	IF	Citations
91	Experimental investigation of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msubsup><mml:mrow><mml:mn>0</mml:mn></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow band in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:mmultiscripts><mml:mrow><mml:mtext>Sm</mml:mtext></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>154</mml:mn></mml:	4.1	13
92	A new off-line ion source facility at IGISOL. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 382-383.	1.4	13
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