Takayuki Yamaguchi

List of Publications by Year
in descending order

144 papers	8,613 citations	101543 36 h-index	42399 92 g-index
144 all docs	144 docs citations	144 times ranked	5003 citing authors

#	Article	IF	Citations
1	Evidence for Oscillation of Atmospheric Neutrinos. Physical Review Letters, 1998, 81, 1562-1567.	7.8	4,064
2	Experiment on the Synthesis of Element 113 in the Reaction209Bi(70Zn,n)278113. Journal of the Physical Society of Japan, 2004, 73, 2593-2596.	1.6	479
3	Observation of a Large Reaction Cross Section in the Drip-Line Nucleus<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="bold">C</mml:mi><mml:mprescripts /><mml:none /><mml:mn>22</mml:mn></mml:mmultiscripts></mml:math>. Physical Review Letters, 2010, 104, 062701.	7.8	198
4	Observation of Second Decay Chain from 278113. Journal of the Physical Society of Japan, 2007, 76, 045001.	1.6	189
5	New Result in the Production and Decay of an Isotope,²⁷⁸113, of the 113th Element. Journal of the Physical Society of Japan, 2012, 81, 103201.	1.6	179
6	Identification of 45 New Neutron-Rich Isotopes Produced by In-Flight Fission of a ²³⁸U Beam at 345 MeV/nucleon. Journal of the Physical Society of Japan, 2010, 79, 073201.	1.6	160
7	Direct Mass Measurements of Short-Lived<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>A</mml:mi><mml:mo>=</mml:mo><mml:mn>2</mml:mn><mml:mi>Z</mml:mi><mml:mo>â^’</mml:mo> xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Ge</mml:mi><mml:mprescripts /><mml:none /><mml:mn>63</mml:mn></mml:mmultiscripts></mml:math>,<mml:math xmlns:mml="http://www.w3.or	7.8	156
8	Experiment on Synthesis of an Isotope 277112 by 208Pb+70Zn Reaction. Journal of the Physical Society of Japan, 2007, 76, 043201.	1.6	137
9	Nuclear structure studies of short-lived neutron-rich nuclei with the novel large-scale isochronous mass spectrometry at the FRS-ESR facility. Nuclear Physics A, 2008, 812, 1-12.	1.5	132
10	Interaction cross sections for Ne isotopes towards the island of inversion and halo structures of 29Ne and 31Ne. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 357-361.	4.1	118
11	Identification of New Isotopes 125Pd and 126Pd Produced by In-Flight Fission of 345 MeV/nucleon 238U: First Results from the RIKEN RI Beam Factory. Journal of the Physical Society of Japan, 2008, 77, 083201.	1.6	104
12	Reaction cross sections at intermediate energies and Fermi-motion effect. Physical Review C, 2009, 79, .	2.9	102
13	Storage ring at HIE-ISOLDE. European Physical Journal: Special Topics, 2012, 207, 1-117.	2.6	101
14	Mass Measurements of the Neutron-Deficient<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Ti</mml:mi><mml:mprescripts /><mml:none /><mml:mn>41</mml:mn></mml:mmultiscripts></mml:math>,<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Cr</mml:mi><mml:mprescripts /><mml:none	7.8	94
15	Precision isochronous mass measurements at the storage ring CSRe in Lanzhou. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 654, 213-218.	1.6	82
16	Study of halo structure of C from reaction cross section measurement. Nuclear Physics A, 2002, 709, 103-118.	1.5	79
17	Simultaneous Measurement ofÎ²â^’Decay to Bound and Continuum Electron States. Physical Review Letters, 2005, 95, 052501.	7.8	68
18	Discovery of Highly Excited Long-Lived Isomers in Neutron-Rich Hafnium and Tantalum Isotopes through Direct Mass Measurements. Physical Review Letters, 2010, 105, 172501.	7.8	68

#	ARTICLE	IF	CITATIONS
19	Evidence of halo structure in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Mg</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>37</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>observed via reaction cross sections and intruder orbitals beyond the island of inversion. Physical Review C, 2014, 90, .	2.9	68
20	Experimental Evidence of Core Modification in the Near Drip-Line NucleusO23. Physical Review Letters, 2002, 88, 142502.	7.8	66
21	MASS MEASUREMENT OF ⁴⁵ Cr AND ITS IMPACT ON THE Ca-Sc CYCLE IN X-RAY BURSTS. Astrophysical Journal Letters, 2013, 766, L8.	8.3	65
22	New results on mass measurements of stored neutron-rich nuclides in the element range from Pt to U with the FRS-ESR facility at. Nuclear Physics A, 2012, 882, 71-89.	1.5	64
23	Discovery and investigation of heavy neutron-rich isotopes with time-resolved Schottky spectrometry in the element range from thallium to actinium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 691, 234-237.	4.1	61
24	One-neutron halo structure inC15. Physical Review C, 2004, 69, .	2.9	60
25	Nuclear physics experiments with ion storage rings. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 603-616.	1.4	60
26	Long-lived isomers in neutron-rich<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="bold-italic">Z</mml:mi><mml:mo>=</mml:mo><mml:mn mathvariant="bold">72</mml:mn></mml:mrow></mml:math>â€"76 nuclides. Physical Review C, 2012, 86, .	2.9	57
27	New results with stored exotic nuclei at relativistic energies. Nuclear Physics A, 2004, 746, 150-155.	1.5	56
28	Schottky Mass Measurement of theHg208Isotope: Implication for the Proton-Neutron Interaction Strength around Doubly MagicPb208. Physical Review Letters, 2009, 102, 122503.	7.8	55
29	Direct measurement of the 4.6 MeV isomer in stored bare 133Sb ions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 688, 294-297.	4.1	55
30	High-resolution measurement of the time-modulated orbital electron capture and of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mrow><mml:mi>Î²</mml:mi></mml:mrow><mml:mrow><mml:mo>+</mml:mo></mml:mrow></m decay of hydrogen-like 142Pm60+ ions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 638-645.	4.1	51
31	Charge and frequency resolved isochronous mass spectrometry and the mass of 51Co. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 327-331.	4.1	49
32	Momentum Distribution ofB15Fragments from the Breakup ofB17. Physical Review Letters, 2002, 89, 012501.	7.8	41
33	Scaling of Charge-Changing Interaction Cross Sections and Point-Proton Radii of Neutron-Rich Carbon Isotopes. Physical Review Letters, 2011, 107, 032502.	7.8	41
34	Momentum distributions of 14C and 15C fragments from 16C breakup. Nuclear Physics A, 2003, 724, 3-13.	1.5	40
35	Isochronous mass measurements of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>T</mml:mi><mml:mi>z</mml:mi></mml:m width="4pt" /><mml:mrow><mml:mi>f</mml:mi><mml:mi>p</mml:mi></mml:mrow></mml:math> -shell nuclei from projectile fragmentation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mn>58</mml:mn><. Physical Review C, 2018, 98, .	2.9	37
36	Measurement of the spin and magnetic moment ofAl23. Physical Review C, 2006, 74, .	2.9	36

#	Article	IF	Citations
37	New results from isochronous mass measurements of neutron-rich uranium fission fragments with the FRS-ESR-facility at GSI. European Physical Journal A, 2016, 52, 1.	2.5	35
38	High-precision QEC values of superallowed 0+â† 0+ Î²-emitters 46Cr, 50Fe and 54Ni. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 20-24.	4.1	35
39	Swelling of Doubly Magic Ca48 Core in Ca Isotopes beyond N=28. Physical Review Letters, 2020, 124, 102501.	7.8	35
40	Decay Properties of ²⁶⁶Bh and ²⁶²Db Produced in the ²⁴⁸Cm + ²³Na Reaction. Journal of the Physical Society of Japan, 2009, 78, 064201.	1.6	34
41	Identification of the Lowest <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>T</mml:mi><mml:mo>=</mml:mo><mml:mn>2</mml:mn></mml:math> , <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>J</mml:mi><mml:mi>Ï€</mml:mi></mml:msup><mml:mo>=</mml:mo><mml:msup><mml:mn>0</mml:mn><mml:mo>+</mml:mo></mml:msup></mml:math> Isobaric Analog State in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>48</mml:mn></mml:msup></mml:math>Ti. Physical Review Letters, 2016, 117, 182503.	7.8	34
42	Time-of-flight detectors with improved timing performance for isochronous mass measurements at the CSRe. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 756, 1-5.	1.6	33
43	Examining the exotic structure of the proton-rich nucleus <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Al</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>23</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2007, 76, .	2.9	32
44	The challenge of precision mass measurements of short-lived exotic nuclei: Development of a new storage ring mass spectrometry. International Journal of Mass Spectrometry, 2013, 349-350, 240-246.	1.5	32
45	Schottky mass measurements of heavy neutron-rich nuclides in the element range <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>70</mml:mn><mml:mo>â‰¤</mml:mo><mml:mi>Z</mml:mi><mml:mo>â‰¤</mml:mo><mml:mn>82</mml:mn></mml:mrow></mml:math> at the GSI Experimental Storage Ring. Physical Review C, 2013, 88, .	2.9	32
46	Density distributions of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>11</mml:mn></mml:msup></mml:math>Li deduced from reaction cross-section measurements. Physical Review C, 2013, 88, .	2.9	31
47	Study of the Reaction ⁴⁸Ca +²⁴⁸Cm â†’²⁹⁶Lv[*]at RIKEN-GARIS. Journal of the Physical Society of Japan, 2017, 86, 034201.	1.6	31
48	Masses of exotic nuclei. Progress in Particle and Nuclear Physics, 2021, 120, 103882.	14.4	31
49	Nuclear-matter radius studies from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mn>58</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>Î±</mml:mi><mml:mo>,</mml:mo><mml:mi>Î±</mml:mi></mml:math> experiments at the GSI Experimental Storage Ring with the EXL facility. Physical Review C, 2017, 96, .	2.9	30
50	MEASUREMENTS OF INTERACTION CROSS SECTIONS TOWARDS NEUTRON-RICH Ne ISOTOPES AT RIBF. Modern Physics Letters A, 2010, 25, 1878-1881.	1.2	28
51	Mass measurements of neutron-deficient Y, Zr, and Nb isotopes and their impact on rp and Î½p nucleosynthesis processes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 358-363.	4.1	28
52	Half-life measurements of stored fully ionized and hydrogen-like 122 I ions. European Physical Journal A, 2012, 48, 1.	2.5	27
53	Construction of rare-RI ring at RIKEN RI Beam Factory. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 629-635.	1.4	25
54	Direct Observation of Long-Lived Isomers in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Bi</mml:mi><mml:mprescripts /><mml:none /><mml:mn>212</mml:mn></mml:mmultiscripts></mml:math>. Physical Review Letters, 2013, 110, 122502.	7.8	25

#	Article	IF	Citations
55	display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Ne</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>17</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>and possible shell-structure change in the proton-rich<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi	2.9	24
56	Energy-dependent charge-changing cross sections and proton distribution of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Si</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>28</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2010, 82, .	2.9	24
57	First direct mass measurements of stored neutron-rich 129,130,131Cd isotopes with FRS-ESR. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 288-293.	4.1	22
58	Masses of neutron-rich <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Sc</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>52</mml:mn><mml:mtext>â€“</mml:mtext><mml:mn>54</mml:mn></mml:mrow></mml:mmultiscripts></m and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ti</mml:mi><mml:mprescripts	2.9	22
59	A timing detector with pulsed high-voltage power supply for mass measurements at CSRe. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 755, 38-43.	1.6	21
60	New Limit of theG-Parity Irregular Weak Nucleon Current Disclosed inÎ²-Ray Angular Distributions from Spin AlignedB12andN12. Physical Review Letters, 1998, 80, 4132-4135.	7.8	20
61	Direct mass measurements of neutron-rich ⁸⁶ Kr projectile fragments and the persistence of neutron magic number N =32 in Sc isotopes. Chinese Physics C, 2015, 39, 104001.	3.7	20
62	First measurement of isoscalar giant resonances in a stored-beam experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 16-19.	4.1	20
63	Determination of Fusion Barrier Distributions from Quasielastic Scattering Cross Sections towards Superheavy Nuclei Synthesis. Journal of the Physical Society of Japan, 2018, 87, 014201.	1.6	19
64	Masses of ground and isomeric states of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>In</mml:mi><mml:mprescripts /><mml:none /><mml:mn>101</mml:mn></mml:mmultiscripts></mml:math> and configuration-dependent shell evolution in odd- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>A</mml:mi></mml:math> indium	2.9	18
65	Structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Li</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>8</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>from a reaction	2.9	17
66	Isotopes. Physical Review C, 2019, 100, . Between atomic and nuclear physics: radioactive decays of highly-charged ions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 144024.	1.5	16
67	cross section measurement. Physical Review C, 2014, 90, . First Application of Mass Measurements with the Kare-id Ring Reveals the Solar <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>r</mml:mi></mml:mrow></mml:math> -Process Abundance Trend at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>A</mml:mi><mml:mo>=</mml:mo><mml:mn>122</mml:mn></mml:math> and	7.8	16
68	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>A</mml:mi> Status of the Experimental Program on Mass Measurements of Stored Exotic Nuclei at the FRS-ESR Facility. Nuclear Physics A, 2007, 787, 315-320.	1.5	15
69	Test of the conserved vector current hypothesis by a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î²</mml:mi></mml:mrow></mml:math>-ray angular distribution measurement in the mass-8 system. Physical Review C, 2011, 83, .	2.9	15
70	One- and two-neutron removal reactions from19,20C with a proton target. Physical Review C, 2011, 84, .	2.9	15
71	Charge-changing cross sections of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Ne</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>30</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>,<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Na</mml:mi><mml:mprescripts /><mml:none	2.9	15
72	In-Medium Mass Renormalization of Nucleons Detected in the Axial Charges of theÎ²Decays of Spin AlignedB12andN12. Physical Review Letters, 1999, 82, 1644-1647.	7.8	14

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73	New Result on the Production of²⁷⁷Cn by the²⁰⁸Pb +⁷⁰Zn Reaction. Journal of the Physical Society of Japan, 2013, 82, 024202.	1.6	13
74	New test of modulated electron capture decay of hydrogen-like 142Pm ions: Precision measurement of purely exponential decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134800.	4.1	13
75	In-ring velocity measurement for isochronous mass spectrometry. Physical Review Accelerators and Beams, 2021, 24, .	1.6	13
76	Increased isomeric lifetime of hydrogen-like<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">Os</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>192</mml:mn><mml:mi>m</mml:mi></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>. Physical Review C, 2015, 91, .	2.9	12
77	Nuclear reactions of 19,20C on a liquid hydrogen target measured with the superconducting TOF spectrometer. Nuclear Physics A, 2011, 864, 1-37.	1.5	11
78	Production and Decay Properties of ²⁶⁴Hs and ²⁶⁵Hs. Journal of the Physical Society of Japan, 2011, 80, 094201.	1.6	11
79	Technique for Resolving Low-lying Isomers in the Experimental Storage Ring (ESR) and the Occurrence of an Isomeric State in¹⁹²Re. Journal of Physics: Conference Series, 2012, 381, 012058.	0.4	11
80	At the borderline between atomic and nuclear physics: two-body Î²-decay of highly charged ions. Physica Scripta, 2011, T144, 014001.	2.5	10
81	Systematic study of individual charge-changing cross sections of intermediate-energy secondary beams. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 774-778.	1.4	10
82	Half-life measurement of short-lived <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="bold">Ru</mml:mi><mml:none /><mml:mrow><mml:mn>44</mml:mn><mml:mo>+</mml:mo></mml:mrow><mml:mprescripts /><mml:mn>44</mml:mn><mml:mrow><mml:mn>94</mml:mn><mml:mi>m</mml:mi></mml:mrow></mml:mmultiscripts></mml:math> using isochronous mass spectrometry. Physical Review C, 2017, 96, .	2.9	10
83	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ti</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>44</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>	2.9	10
84	Masses of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>T</mml:mi><mml:mi>z</mml:mi></mml:msub></mml:mrow></mml:math> nuclei <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">P</mml:mi><mml:mprescripts /><mml:none /><mml:mn>27</mml:mn></mml:mmultiscripts></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math. Physical Review C, 2018, 98, .	2.9	9
85	The development of in-ring reaction measurements at the HIRFL-CSR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 948, 162848.	1.6	9
86	Investigations of charge-changing processes for light proton-rich nuclei on carbon and solid-hydrogen targets. Nuclear Physics A, 2017, 961, 142-153.	1.5	8
87	Application of isochronous mass spectrometry for the study of angular momentum population in projectile fragmentation reactions. Physical Review C, 2017, 95, .	2.9	8
88	First Nuclear Reaction Experiment with Stored Radioactive ⁵⁶Ni Beam and Internal Hydrogen and Helium Targets. , 2015, , .		7
89	Energy dependence of total reaction cross sections for 17Ne on a proton target. Nuclear Physics A, 2020, 994, 121663.	1.5	7
90	Beta decay of highly charged ions. Physica Scripta, 2013, T156, 014025.	2.5	6

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91	Half-life measurements of highly charged radionuclides. Physica Scripta, 2013, T156, 014026.	2.5	6
92	Improving the resolving power of Isochronous Mass Spectrometry by employing an in-ring mechanical slit. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 138-142.	1.4	6
93	Kanungoet al.Reply. Physical Review Letters, 2003, 90, .	7.8	5
94	Production and Decay Properties of 263Hs. Journal of the Physical Society of Japan, 2009, 78, 035003.	1.6	5
95	Study of projectile fragmentation reaction with isochronous mass spectrometry. Physica Scripta, 2015, T166, 014009.	2.5	5
96	Development and operation of an electrostatic time-of-flight detector for the Rare RI storage Ring. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 986, 164713.	1.6	5
97	Precision measurement of the transition energy <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e504" altimg="si7.svg"><mml:msub><mml:mrow><mml:mi>Î³</mml:mi></mml:mrow><mml:mrow><mml:mi>t</mml:mi></mml:mrow></mml versus magnetic rigidity for storage-ring isochronous mass spectrometry. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1027, 166329.	1.6	5
98	Mass Measurements of Proton-rich Nuclides at the Cooler Storage Ring at IMP. , 2011, , .		4
99	Performance of high-resolution position-sensitive detectors developed for storage-ring decay experiments. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 697-700.	1.4	3
100	Test of IMME infpshell via direct mass measurements of nuclides. Journal of Physics: Conference Series, 2013, 420, 012054.	0.4	3
101	Velocity-dependent transverse momentum distribution of fragments produced fromAr40+Be9at 95ÂMeV/nucleon. Physical Review C, 2015, 92, .	2.9	3
102	Studies at the border between nuclear and atomic physics: Weak decays of highly charged ions. Journal of Physics: Conference Series, 2017, 875, 012008.	0.4	3
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