

Ari Jokinen

List of Publications by Year in descending order

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432
papers

9,940
citations

31976

53
h-index

62596

80
g-index

448
all docs

448
docs citations

448
times ranked

2594
citing authors

#	ARTICLE	IF	CITATIONS
1	Gas-filled recoil separator for studies of heavy elements. Nuclear Instruments & Methods in Physics Research B, 1995, 99, 653-656.	1.4	327
2	Beam cooler for low-energy radioactive ions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 469, 244-253.	1.6	240
3	Revised rates for the stellar triple- α process from measurement of ^{12}C nuclear resonances. Nature, 2005, 433, 136-139.	27.8	205
4	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
5	Spectroscopy of $^{34,35}\text{Si}$ β -decay: ν fp shell gap and single-particle states. Physical Review C, 2001, 63, .	2.9	162
6	On-Line Ion Cooling and Bunching for Collinear Laser Spectroscopy. Physical Review Letters, 2002, 88, 094801. Nuclear Spins and Moments of Ca Isotopes Reveal Sudden Structural Changes between	7.8	160
7	Evolution of the ^{40}Ca β -decay: ν fp shell gap and single-particle states. Physical Review Letters, 2002, 88, 094801. Nuclear Spins and Moments of Ca Isotopes Reveal Sudden Structural Changes between	7.8	154
8	Gap Energy towards ^{50}Ni β -decay: ν fp shell gap and single-particle states. Physical Review Letters, 2008, 101, 052502.	7.8	147
9	Laser Spectroscopy of Cooled Zirconium Fission Fragments. Physical Review Letters, 2002, 89, 082501.	7.8	143
10	Q values of the ^{76}Ge and ^{100}Mo double-beta decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 662, 111-116. Mass measurements in the vicinity of the	4.1	125
11	β -process and the ^{119}Sn β -decay: ν fp shell gap and single-particle states. Physical Review Letters, 2008, 101, 052502.	2.9	119
12	JYFLTRAP: a Penning trap for precision mass spectroscopy and isobaric purification. European Physical Journal A, 2012, 48, 1.	2.5	118
13	First Precision Mass Measurements of Refractory Fission Fragments. Physical Review Letters, 2006, 96, 042504. Reactor Decay Heat in ^{239}Pu : Solving the	7.8	112
14	Discrepancy in the ^{239}Pu β -decay: ν fp shell gap and single-particle states. Physical Review Letters, 2010, 105, 202501.	7.8	107
15	Towards commissioning the new IGISOL-4 facility. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 208-213.	1.4	102
16	Storage ring at HIE-ISOLDE. European Physical Journal: Special Topics, 2012, 207, 1-117.	2.6	101
17	Single-Neutron States in ^{133}Sn . Physical Review Letters, 1996, 77, 1020-1023.	7.8	100
18	An ion cooler-buncher for high-sensitivity collinear laser spectroscopy at ISOLDE. European Physical Journal A, 2009, 42, 503-507.	2.5	94

#	ARTICLE	IF	CITATIONS
19	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
20	Laser Spectroscopy of Niobium Fission Fragments: First Use of Optical Pumping in an Ion Beam Cooler Buncher. Physical Review Letters, 2009, 102, 222501.	7.8	88
21	Evolution of deformation in the neutron-rich Zr region from excited intruder state to the ground state. Physical Review C, 1994, 49, 1379-1390.	2.9	84
22	Nuclear charge radii of molybdenum fission fragments. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 674, 23-27.	4.1	83
23	Precision mass measurements of neutron-rich Tc, Ru, Rh, and Pd isotopes. Physical Review C, 2007, 75, .	2.9	82
24	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
25	The \hat{I}^2p decay mechanism of Ar. Nuclear Physics A, 2000, 677, 38-60.	1.5	79
26	Intruder States and the Onset of Deformation in the Neutron-Deficient Even-Even Polonium Isotopes. Physical Review Letters, 1995, 75, 4571-4574.	7.8	77
27	Quenching of the SnSbTe Cycle in the r - p Process. Physical Review Letters, 2009, 102, 252501.	7.8	77
28	Collective structure of the neutron-rich nuclei, ^{110}Ru and ^{112}Ru . Nuclear Physics A, 1990, 515, 365-380.	1.5	76
29	MATS and LaSpec: High-precision experiments using ion traps and lasers at FAIR. European Physical Journal: Special Topics, 2010, 183, 1-123.	2.6	76
30	Double-beta decay Q values of ^{116}Cd and ^{130}Te . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 703, 412-416.	4.1	76
31	Precision mass measurements of neutron-rich yttrium and niobium isotopes. Nuclear Physics A, 2007, 793, 20-39.	1.5	74
32	Off-line commissioning of the ISOLDE cooler. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 4502-4504.	1.4	74
33	Precision Mass Measurements beyond ^{132}Sn : Anomalous Behavior of Odd-Even Staggering of Binding Energies. Physical Review Letters, 2012, 109, 032501.	7.8	74
34	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
35	Pulse shape of the ISOLDE radioactive ion beams. Nuclear Instruments & Methods in Physics Research B, 1997, 126, 130-134.	1.4	70
36	Intruder features in the island of inversion: The case of ^{33}Mg . Physical Review C, 2001, 64, .	2.9	70

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37	QECValues of the Superallowed \hat{I}^2 EmittersMn50andCo54. Physical Review Letters, 2008, 100, 132502.	7.8	70
38	Total Absorption Spectroscopy Study of $\int \langle mml:mrow \rangle \langle mml:mmultiscripts \rangle \langle mml:mrow \rangle \langle mml:mi \rangle \text{Rb} \langle /mml:mi \rangle \langle /mml:mrow \rangle \langle mml:mprescripts \rangle \langle /mml:mrow \rangle \langle mml:mn \rangle 92 \langle /mml:mn \rangle \langle /mml:mrow \rangle \langle /mml:mmultiscripts \rangle \langle /mml:mrow \rangle \langle /mml:math \rangle$ Decay: A Major Contributor to Reactor Antineutrino Spectrum Shape. Physical Review Letters, 2015, 115, 102503	7.8	68
39	Accurate Q value for the ^{74}Se double-electron-capture decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 684, 17-21.	4.1	66
40	Preparing isomerically pure beams of short-lived nuclei at JYFLTRAP. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 4527-4531.	1.4	65
41	Accurate $Q \langle /mml:mi \rangle \langle /mml:math \rangle$ Value for the $\text{Sn} \langle /mml:mi \rangle \langle mml:mprescripts \rangle \langle /mml:none \rangle \langle /mml:mn \rangle 112 \langle /mml:mn \rangle \langle /mml:mmultiscripts \rangle \langle /mml:math \rangle$ Double- $\text{D} \langle /mml:mi \rangle \langle /mml:math \rangle$	7.8	65
42	Precision experiments on exotic nuclei at IGISOL. International Journal of Mass Spectrometry, 2006, 251, 204-211.	1.5	64
43	Beta-decay properties of ^{25}Si and ^{26}P . European Physical Journal A, 2004, 21, 419-435.	2.5	63
44	Development of a laser ion source at IGISOL. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1499-S1502.	3.6	61
45	Mass Measurement on therp-Process Waiting PointKr72. Physical Review Letters, 2004, 93, 161104.	7.8	60
46	First On-Line Laser Spectroscopy of Radioisotopes of a Refractory Element. Physical Review Letters, 1999, 82, 2476-2479.	7.8	59
47	QValues of the Superallowed \hat{I}^2 EmittersAlm26,Sc42, andV46and Their Impact onVudand the Unitarity of the Cabibbo-Kobayashi-Maskawa Matrix. Physical Review Letters, 2006, 97, 232501.	7.8	59
48	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
49	$R \langle /mml:mi \rangle \langle /mml:mrow \rangle \langle /mml:math \rangle$ -matrix analysis of the $\int \langle mml:mrow \rangle \langle mml:mi \rangle \hat{I}^2 \langle /mml:mi \rangle \langle /mml:mrow \rangle \langle /mml:math \rangle$ decays of $\text{N} \langle /mml:mi \rangle \langle mml:mprescripts \rangle \langle /mml:none \rangle \langle /mml:mn \rangle 12 \langle /mml:mn \rangle \langle /mml:math \rangle$	2.9	59
50	Mirror energy differences in theA=31mirror nuclei,S31andP31, and their significance in electromagnetic spin-orbit splitting. Physical Review C, 2005, 72, .	2.9	58
51	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
52	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
53	Efficiency and delay of the fission ion guide for on-line mass separation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 281, 539-546.	1.6	53
54	Ground state properties of manganese isotopes across the $\text{N} \langle /mml:mi \rangle \langle mml:mo \rangle = \langle /mml:mo \rangle \langle mml:mn \rangle 28 \langle /mml:mn \rangle \langle /mml:math \rangle$ shell closure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 690, 346-351.	4.1	53

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55	Known Q value of Any Nuclear Decay: The Rare β Decay of ^{12}C . <i>Physical Review Letters</i> , 1992, 69, 1167-1170.	7.8	52
56	Phase-Imaging Ion-Cyclotron-Resonance technique at the JYFLTRAP double Penning trap mass spectrometer. <i>European Physical Journal A</i> , 2018, 54, 1.	2.5	52
57	Discovery of rare neutron-rich Zr, Nb, Mo, Tc, and Ru isotopes in fission: Test of β half-life predictions very far from stability. <i>Physical Review Letters</i> , 1992, 69, 1167-1170.	7.8	50
58	High-precision mass measurement of ^{31}Mg with the double Penning trap JYFLTRAP improves the mass value for ^{31}Mg .	2.9	50
59	New structure information on ^{30}Mg , ^{31}Mg and ^{32}Mg . <i>European Physical Journal A</i> , 2005, 25, 105-109.	2.5	49
60	Mass and Q value of ^{31}Mg with the double Penning trap JYFLTRAP improves the mass value for ^{31}Mg .	2.9	48
61	On the resonant neutrinoless double-electron-capture decay of ^{136}Ce . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 697, 116-120.	4.1	48
62	Precision Mass Measurements on Neutron-Rich Rare-Earth Isotopes at JYFLTRAP: Reduced Neutron Pairing and Implications for β -Process Calculations. <i>Physical Review Letters</i> , 2018, 120, 262701.	7.8	46
63	Q -value of the superallowed β decay of ^{62}Ga . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 636, 191-196.	4.1	45
64	Isomeric states close to doubly magic ^{132}Sn studied with the double Penning trap JYFLTRAP. <i>Physical Review C</i> , 2013, 87, .	2.9	45
65	Collinear laser spectroscopy of radioisotopes of zirconium. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2003, 29, 2247-2262.	3.6	44
66	β -decay studies of neutron-rich K isotopes. <i>Physical Review C</i> , 2006, 74, .	2.9	44
67	Direct mass measurements of neutron-rich zirconium isotopes up to ^{104}Zr . <i>Physical Review C</i> , 2004, 70, .	2.9	42
68	Q values of the Superallowed β Emitters ^{134}Cl and ^{138}K . <i>Physical Review Letters</i> , 2009, 103, 252501.	7.8	42
69	Precise branching ratios to unbound ^{12}C states from ^{12}N and ^{12}B β -decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 678, 459-464.	4.1	41
70	Beta decay of ^{31}Ar . <i>Nuclear Physics A</i> , 1998, 634, 475-496.	1.5	40
71	Production of neutron-rich isotopes in fission of uranium induced by neutrons of 20 MeV average energy. <i>European Physical Journal A</i> , 2000, 9, 385-396.	2.5	40
72	Reevaluation of the $^{30}\text{P}(p, \beta)^{31}\text{S}$ astrophysical reaction rate from a study of the $T=1/2$ mirror nuclei, ^{31}S and ^{31}P . <i>Physical Review C</i> , 2006, 73, .	2.9	40

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73	Mass Measurements and Implications for the Energy of the High-Spin Isomer in Ag94. Physical Review Letters, 2008, 101, 142503.	7.8	39
74	Mass of Al23 for testing the isobaric multiplet mass equation. Physical Review C, 2009, 80, .	2.9	39
75	Alpha decay of the new isotopes 207, 208Ac. Zeitschrift für Physik A, 1994, 348, 151-152.	0.9	38
76	Status report of the Jyväskylä ion guide isotope separator on-line facility. Nuclear Instruments & Methods in Physics Research B, 1997, 126, 213-217.	1.4	38
77	Mass measurements in the vicinity of the doubly magic waiting point ^{56}Ni . Physical Review C, 2010, 82, .	2.9	38
78	Candidate superdeformed band in ^{28}Si . Physical Review C, 2012, 86, .	2.9	38
79	Characterization of a neutron β -counting system with beta-delayed neutron emitters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 807, 69-78.	1.6	38
80	Accurate mass measurements on neutron-deficient krypton isotopes. Nuclear Physics A, 2006, 769, 1-15.	1.5	37
81	Enhanced β -Ray Emission from Neutron Unbound States Populated in ^{12}C Decay. Physical Review Letters, 2015, 115, 062502.	7.8	37
82	Total absorption study of the ^{102}Mo decay of ^{104}Mo . Physical Review C, 2013, 87, .	2.9	36
83	Decay Transition of ^{20}F . Physical Review C, 2011, 83, .	7.8	36
84	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
85	Half-life, branching-ratio, and Q-value measurement for the superallowed $0^+ \rightarrow 0^+$ emitter ^{42}Ti . Physical Review C, 2009, 80, .	2.9	35
86	Discovery of a long-lived low-lying isomeric state in ^{80}Ga . Physical Review C, 2010, 82, .	2.9	35
87	β -ray spectroscopy of the ^{12}C -delayed neutron emitters. Physical Review C, 2010, 82, .	2.9	35
88	β -delayed neutron decay of ^{104}Y , ^{112}Tc , ^{113}Tc and ^{114}Tc : test of half-life predictions for neutron-rich isotopes of refractory elements. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 454, 1-7.	4.1	34
89	Measurement of the IAS resonance strength in ^{23}Mg . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 492, 1-7.	4.1	34
90	First results from laser spectroscopy on bunched radioactive beams from the JYFL ion-beam cooler. European Physical Journal A, 2002, 15, 45-48.	2.5	34

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109	High-accuracy mass spectrometry of fission products with Penning traps. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 093101.	3.6	28
110	Two-proton emission in the decay of ^{31}Ar . Nuclear Physics A, 1998, 628, 345-362.	1.5	27
111	Neutron and fragment yields in proton-induced fission of ^{238}U at intermediate energies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 463, 653-662.	1.6	27
112	\hat{I}^2 decay of the proton-rich $T_z = \hat{a}^{1/2}$ nucleus, ^{71}Kr . Physical Review C, 1997, 56, 745-752.	2.9	26
113	Isomeric state of ^{80}Y and its role in the astrophysical rp-process. European Physical Journal A, 2001, 11, 257-261.	2.5	26
114	Beta decay of neutron-rich ^{116}Rn and the low-lying level structure of even-even ^{116}Pd . Physical Review C, 2001, 63, .	2.9	26
115	Character of an $8\hat{a}^{\prime}$ isomer of ^{130}Ba . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 547, 200-204.	4.1	26
116	Penning trap assisted decay spectroscopy of neutron-rich ^{115}Ru . European Physical Journal A, 2007, 31, 263-266.	2.5	26
117	Precise half-life measurement of the ^{26}Si ground state. European Physical Journal A, 2008, 37, 151-158.	2.5	26
118	Selective laser ionization of radioactive Ni-isotopes. Nuclear Instruments & Methods in Physics Research B, 1997, 126, 95-99.	1.4	25
119	RFQ-cooler for low-energy radioactive ions at ISOLDE. Nuclear Instruments & Methods in Physics Research B, 2003, 204, 86-89.	1.4	25
120	QEC values of the superallowed \hat{I}^2 emitters ^{10}C , ^{34}Ar , ^{38}Ca , and ^{46}V . Physical Review C, 2011, 83, .	2.9	25
121	Production of radioactive Ag ion beams with a chemically selective laser ion source. Nuclear Instruments & Methods in Physics Research B, 1997, 126, 76-80.	1.4	24
122	\hat{I}^2 decay of ^{116}Ag and the vibrational structure of ^{116}Cd . Physical Review C, 2001, 64, .	2.9	24
123	Precise and accurate determination of the $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mmultiscripts} \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{B} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \text{ /} \rangle \langle \text{mml:none} \text{ /} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 8 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ decay spectrum. Physical Review C, 2011, 83, .	2.9	24
124	First observation of the beta decay of ^{117}Pd and the discovery of a new isotope ^{119}Pd . Zeitschrift für Physik A, 1991, 338, 291-294.	0.9	23
125	^{31}Ar examined: New limit on the \hat{I}^2 -delayed three-proton branch. Physical Review C, 1999, 59, 2275-2277. Branching ratios in the $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{I}^2 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ decays of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{N} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \text{ /} \rangle \langle \text{mml:none} \text{ /} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 12 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ and $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{N} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \text{ /} \rangle \langle \text{mml:none} \text{ /} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 12 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$	2.9	23
126	$\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{N} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \text{ /} \rangle \langle \text{mml:none} \text{ /} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 12 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ and $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{N} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \text{ /} \rangle \langle \text{mml:none} \text{ /} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 12 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$	2.9	23

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127	Single and Double Beta Decay Q Values among the Triplet Zr Zr Zr Zr Zr Zr Zr	7.8	23
128	Improved ion guide for heavy-ion fusion-evaporation reactions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 408, 530-534.	1.6	22
129	\hat{I}^2 -decay half-life of ^{70}Kr : A bridge nuclide for the process beyond $A=70$. Physical Review C, 2000, 61, .	2.9	22
130	Non-analog \hat{I}^2 decay of ^{74}Rb . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 511, 145-150.	4.1	22
131	\hat{I}^2 decay of neutron-rich ^{118}Ag and ^{120}Ag isotopes. Physical Review C, 2003, 67, .	2.9	22
132	Excited states in ^{115}Pd populated in the \hat{I}^2 decay of ^{115}Rh . Physical Review C, 2010, 82, .	2.9	22
133	Precision mass measurements of neutron-rich Y, Nb, Mo, Tc, Ru, Rh, and Pd isotopes. European Physical Journal A, 2011, 47, 1.	2.5	22
134	Isotope shifts from collinear laser spectroscopy of doubly charged yttrium isotopes. Physical Review A, 2018, 97, .	2.5	22
135	Exploring the mass surface near the rare-earth abundance peak via precision mass measurements at JYFLTRAP. Physical Review C, 2020, 101, .	2.9	22
136	\hat{I}^2 -decay of ^{113}Rh and the observation of ^{113m}Pd : Isomer systematics in odd-A palladium isotopes. Nuclear Physics A, 1993, 561, 416-430.	1.5	21
137	Beta decay of neutron-rich ^{118}Rh and the lowest excited states in ^{118}Pd . European Physical Journal A, 2000, 9, 9-12.	2.5	21
138	Laser spectroscopy of neutron deficient zirconium isotopes. Journal of Physics G: Nuclear and Particle Physics, 2002, 28, L63-L68.	3.6	21
139	Upgrade and yields of the IGISOL facility. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 4454-4459.	1.4	21
140	Breakup channels for C C C C C C C	2.9	21
141	Recommissioning of JYFLTRAP at the new IGISOL-4 facility. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 506-509.	1.4	21
142	First experiment with the NUSTAR/FAIR Decay Total Absorption I^3 -Ray Spectrometer (DTAS) at the IGISOL IV facility. Nuclear Instruments & Methods in Physics Research B, 2016, 376, 334-337.	1.4	21
143	Electron-transporter spectrometer for on-line isotope separator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 306, 504-511.	1.6	20
144	Beta decay of ^{114}Ru and Q systematics for n-rich Ru isotopes. Nuclear Physics A, 1992, 549, 420-430.	1.5	20

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145	\hat{I}^2 -decay of ^{35}Ca . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 67-72.	4.1	20
146	Conversion electron spectroscopy of isobarically purified trapped radioactive ions. European Physical Journal A, 2007, 34, 113-118.	2.5	20
147	Fission yield studies at the IGISOL facility. European Physical Journal A, 2012, 48, 1.	2.5	20
148	Gamow-Teller decay of ^{118}Pd and of the new isotope ^{120}Pd . Nuclear Physics A, 1993, 552, 340-352.	1.5	19
149	Production of refractory elements close to the Z=N line using the ion-guide technique. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 416, 485-492.	1.6	19
150	Nuclear moments and charge radii of the ^{171}Hf ground state and isomer. Journal of Physics G: Nuclear and Particle Physics, 2000, 26, 839-847.	3.6	19
151	Design of a second generation RFQ Ion Cooler and Buncher (RFQCB) for ISOLDE. Nuclear Physics A, 2004, 746, 647-650.	1.5	19
152	Lifetime measurement of the 167.1 keV state in ^{41}Ar . Physical Review C, 2007, 76, .	2.9	19
153	Experimental program of the Super-FRS Collaboration at FAIR and developments of related instrumentation. Nuclear Instruments & Methods in Physics Research B, 2016, 376, 111-115.	1.4	19
154	High-precision mass measurements of ^{25}Al and ^{30}P at JYFLTRAP. European Physical Journal A, 2016, 52, 1.	2.5	19
155	Measurement of the ^{41}Ar ground-state transition in the ^{41}F decay of ^{41}Ar . Physical Review C, 2019, 100, .	2.9	19
156	Spin-flip? ? decay of even-even deformed nuclei ^{110}Ru and ^{112}Ru . Zeitschrift für Physik A, 1991, 340, 21-28.	0.9	18
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