

# 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	$\beta$ -spectroscopy study of $^{119}\text{Pd}$	2.9	3
2	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
3	High-precision measurement of a low Q value for allowed $\beta^+$ -decay of $^{131}\text{I}$ related to neutrino mass determination. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 830, 137135.	4.1	7
4	High-precision electron-capture Q value measurement of $^{111}\text{In}$ for electron-neutrino mass determination. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 832, 137226.	4.1	5
5	Total absorption $\beta$ -ray spectroscopy of the $^{76}\text{Ge}$	2.9	6
6	$\beta$ -ray spectroscopy of the $^{132}\text{Tb}$ decays of $^{132}\text{Ce}$	2.9	5
7	$Q$ -value electron-capture channel decaying to $^{75}\text{As}$	2.9	9
8	Mass measurements towards doubly magic $^{78}\text{Ni}$ : Hydrodynamics versus nuclear mass contribution in core-collapse supernovae. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 833, 137309.	4.1	5
9	rules out $^{72}\text{Ge}$	4.1	12
10	Proton-neutron pairing correlations in the self-conjugate nucleus $^{42}\text{Sc}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136439.	4.1	10
11	$^{159}\text{Dy}$ Electron-Capture: A New Candidate for Neutrino Mass Determination. Physical Review Letters, 2021, 127, 272301.	7.8	15
12	A new off-line ion source facility at IGISOL. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 382-383.	1.4	13
13	Three beta-decaying states in $^{128}\text{In}$ and $^{130}\text{In}$ 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
14	Fission studies at IGISOL/JYFLTRAP: Simulations of the ion guide for neutron-induced fission and comparison with experimental data. EPJ Web of Conferences, 2020, 239, 17019.	0.3	0
15	Determination of $^{112}\text{Te}$ -decay ground	2.9	6
16	High-Precision $Q$ -Value Measurement Confirms the Potential of $^{135}\text{Cs}$	2.9	14
17	Exploring the mass surface near the rare-earth abundance peak via precision mass measurements at JYFLTRAP. Physical Review C, 2020, 101, .	2.9	22
18	Precision mass measurements of $^{67}\text{Fe}$ and $^{69}\text{Co}$	2.9	13

#	ARTICLE	IF	CITATIONS
19	High-precision mass measurement of $^{168}\text{Yb}$ for verification of nonlinear isotope shift. International Journal of Mass Spectrometry, 2020, 458, 116435.	1.5	4
20	Disentangling decaying isomers and searching for signatures of collective excitations in $\hat{I}^2$ decay. Journal of Physics: Conference Series, 2020, 1643, 012134.	0.4	1
21	The science case of the FRS Ion Catcher for FAIR Phase-0. Hyperfine Interactions, 2019, 240, 1.	0.5	6
22	The MORA project. Hyperfine Interactions, 2019, 240, 1.	0.5	8
23	Total absorption $\hat{I}^3$ -ray spectroscopy of the $\hat{I}^2$ -delayed neutron emitters. Physical Review C, 2019, 100, .	2.9	8
24	Summation Calculations for Reactor Antineutrino Spectra, Decay Heat and Delayed Neutron Fractions Involving New TAGS Data and Evaluated Databases. EPJ Web of Conferences, 2019, 211, 01001.	0.3	1
25	First $\hat{I}^2$ -decay scheme of $\text{Nb}107$ : New insight into the low-energy levels of $\text{Mo}107$ . Physical Review C, 2019, 100, .	2.9	4
26	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
27	Large Impact of the Decay of Niobium Isomers on the Reactor $\hat{I}^{1/2}$ Summation Calculations. Physical Review Letters, 2019, 122, 012502.	7.8	29
28	Total absorption $\hat{I}^3$ -ray spectroscopy of niobium isomers. Physical Review C, 2019, 100, .	2.9	8
29	Excited states in $\text{Br}87$ populated in $\hat{I}^2$ decay of $\text{Se}87$ . Physical Review C, 2019, 100, .	2.9	5
30	Measurement of the ground-state transition in the $\hat{I}^2$ decay of $\text{Se}87$ . Physical Review C, 2019, 100, .	2.9	19
31	Decay transition of $\text{Se}87$ . Physical Review C, 2019, 100, .	7.8	36
32	High-precision mass measurements and production of neutron-deficient isotopes using heavy-ion beams at IGISOL. Physical Review C, 2019, 100, .	2.9	9
33	High-precision measurement of the mass difference between $^{102}\text{Pd}$ and $^{102}\text{Ru}$ . International Journal of Mass Spectrometry, 2019, 435, 204-208.	1.5	15
34	Isotope shifts from collinear laser spectroscopy of doubly charged yttrium isotopes. Physical Review A, 2018, 97, .	2.5	22
35	Status of the RFQ linac installation and conditioning of the Linear IFMIF Prototype Accelerator. Nuclear Materials and Energy, 2018, 15, 143-147.	1.3	5
36	Measurement of fission yields and isomeric yield ratios at IGISOL. EPJ Web of Conferences, 2018, 169, 00017.	0.3	0

#	ARTICLE	IF	CITATIONS
37	A GEM-TPC in twin configuration for the Super-FRS tracking of heavy ions at FAIR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 884, 18-24.	1.6	8
38	New insights into triaxiality and shape coexistence from odd-mass Rh109. Physical Review C, 2018, 98, .	2.9	3
39	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
40	Phase-Imaging Ion-Cyclotron-Resonance technique at the JYFLTRAP double Penning trap mass spectrometer. European Physical Journal A, 2018, 54, 1.	2.5	52
41	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
42	First determination of $\hat{I}^2$ -delayed multiple neutron emission beyond A=100 through direct neutron measurement: The P2n value of Sb136. Physical Review C, 2018, 98, .	2.9	9
43	Precision Mass Measurements on Neutron-Rich Rare-Earth Isotopes at JYFLTRAP: Reduced Neutron Pairing and Implications for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle r \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -Process Calculations. Physical Review Letters, 2018, 120, 262701.	7.8	46
44	Excited levels in the multishaped Pd117 nucleus studied via $\hat{I}^2$ decay of Rh117. Physical Review C, 2018, 98, .	2.9	6
45	Total absorption $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{I}^3 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -ray spectroscopy of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{I}^2 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -delayed neutron $\langle \text{mml:math} \rangle$	2.9	35
46	value of the superallowed $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle Q \langle \text{mml:mi} \rangle \langle \text{mml:mtext} \rangle EC \langle \text{mml:mtext} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ emitter $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{I}^2 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$	2.9	5
47	High-precision mass measurements for the isobaric multiplet mass equation at $\langle i \rangle A \langle /i \rangle = 52$ . Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 065103.	3.6	17
48	Characterization of a cylindrical plastic $\hat{I}^2$ -detector with Monte Carlo simulations of optical photons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 854, 134-138.	1.6	2
49	Penning-trap-assisted study of excitations in Br88 populated in $\hat{I}^2$ decay of Se88. Physical Review C, 2017, 95,	2.9	6
50	Total absorption spectroscopy study of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{I}^2 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ decay of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{mathvariant="normal"} \rangle Br \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:math} \rangle$ and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{mathvariant="norm"} \rangle$	2.9	29
51	Experimental study of Tc100 $\hat{I}^2$ decay with total absorption $\hat{I}^3$ -ray spectroscopy. Physical Review C, 2017, 96, .	2.9	15
52	Shape coexistence in the odd-odd nucleus $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{mathvariant="normal"} \rangle Y \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:math} \rangle$ : The role of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle g \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 9 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$ neutron extruder. Physical Review C, 2017, 96, .	2.9	16
53	Laser spectroscopy with an electrostatic ConeTrap. Hyperfine Interactions, 2017, 238, 1.	0.5	1
54	Measurements of isomeric yield ratios of fission products from proton-induced fission on natU and $^{232}\text{Th}$ via direct ion counting. EPJ Web of Conferences, 2017, 146, 04054.	0.3	4

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55	Simulations of the stopping efficiencies of fission ion guides. EPJ Web of Conferences, 2017, 146, 03025.	0.3	0
56	Total absorption spectroscopy of fission fragments relevant for reactor antineutrino spectra. EPJ Web of Conferences, 2017, 146, 10002.	0.3	2
57	Strong $\hat{\nu}$ -ray emission from neutron unbound states populated in $\hat{\nu}$ -decay: Impact on $(n, \hat{\nu})$ cross-section estimates. EPJ Web of Conferences, 2017, 146, 01002.	0.3	2
58	TAGS measurements of $^{100}\text{Nb}$ ground and isomeric states and $^{140}\text{Cs}$ for neutrino physics with the new DTAS detector. EPJ Web of Conferences, 2017, 146, 10010.	0.3	2
59	New accurate measurements of neutron emission probabilities for relevant fission products. EPJ Web of Conferences, 2017, 146, 01004.	0.3	3
60	Measurement of the heaviest $\hat{\nu}$ -delayed 2-neutron emitter: $^{136}\text{Sb}$ . EPJ Web of Conferences, 2017, 146, 01005.	0.3	0
61	Total absorption studies of high priority decays for reactor applications: $^{86}\text{Br}$ and $^{91}\text{Rb}$ . EPJ Web of Conferences, 2017, 146, 10001.	0.3	1
62	High-precision mass measurements for the rp-process at JYFLTRAP. EPJ Web of Conferences, 2017, 165, 01008.	0.3	0
63	First Evidence of Multiple $\hat{\nu}$ -delayed Neutron Emission for Isotopes with $A > 100$ . Acta Physica Polonica B, 2017, 48, 517.	0.8	1
64	Study of the $\hat{\nu}$ Decay of Fission Products with the DTAS Detector. Acta Physica Polonica B, 2017, 48, 529.	0.8	5
65	rp Process $(n, \hat{\nu})$ Rate Constraints from the $(\hat{\nu})$ Emission of Neutron Unbound States in $(\hat{\nu})$ -Decay. , 2017, , .		1
66	Mass Measurements for the rp Process. , 2017, , .		1
67	High-Precision Proton-Capture Q Values for $^{25}\text{Al}(p, \hat{\nu})^{26}\text{Si}$ and $^{30}\text{P}(p, \hat{\nu})^{31}\text{S}$ . Tj ETQq1 1 0.784314 rg		
68	Probing the Low-Energy Structure of $A = 109$ Ru $\hat{\nu}$ Pd. , 2017, , .		0
69	Commissioning and Spectroscopic Studies of Fission Products with IGISOL-4. , 2017, , .		0
70	Fission yield measurements at IGISOL. EPJ Web of Conferences, 2016, 122, 01008.	0.3	4
71	Total Absorption Spectroscopy of Fission Fragments Relevant for Reactor Antineutrino Spectra and Decay Heat Calculations. EPJ Web of Conferences, 2016, 111, 08006.	0.3	0
72	Twin GEM-TPC prototype (HGB4) beam test at GSI and jyvÅskylÃ a development for the super-FRS at FAIR. , 2016, , .		1

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73	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
74	First experiment with the NUSTAR/FAIR Decay Total Absorption $\gamma$ -Ray Spectrometer (DTAS) at the IGISOL IV facility. Nuclear Instruments & Methods in Physics Research B, 2016, 376, 334-337.	1.4	21
75	Mass of astrophysically relevant $^{71}\text{Ga}$ and the breakdown of the isobaric multiplet mass equation. Physical Review C, 2016, 93, .	1.5	11
76	Mass of astrophysically relevant $^{31}\text{Cl}$ and the breakdown of the isobaric multiplet mass equation. Physical Review C, 2016, 93, .	2.9	15
77	Values among the Triplet $^{96}\text{Zr}$ . Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 807, 69-78.	7.8	23
78	High-sensitivity study of levels in $^{30}\text{Al}$ following $^{30}\text{Mg}$ decay. Physical Review C, 2016, 94, .	2.9	4
79	High-precision mass measurements of $^{25}\text{Al}$ and $^{30}\text{P}$ at JYFLTRAP. European Physical Journal A, 2016, 52, 1.	2.5	19
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	Developments for neutron-induced fission at IGISOL-4. Nuclear Instruments & Methods in Physics Research B, 2016, 376, 46-51.	1.4	12
82	Characterization of a neutron $\beta$ -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
83	Total Absorption Spectroscopy of Fission Fragments Relevant for Reactor Antineutrino Spectra Determination. Acta Physica Polonica B, 2016, 47, 755.	0.8	1
84	Total Absorption Spectroscopy Study of $^{92}\text{Rb}$ Decay: A Major Contributor to Reactor Antineutrino Spectrum Shape. Physical Review Letters, 2015, 115, 102503.	7.8	68
85	$^{109}\text{Pd}$ and the onset of deformation at $^{60}\text{N}$ . Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 807, 69-78.	2.9	5
86	Enhanced $^{31}\text{Cl}$ $\gamma$ -Ray Emission from Neutron Unbound States Populated in $^{31}\text{Cl}$ Decay. Physical Review Letters, 2015, 115, 062502.	7.8	37
87	Measuring independent yields of fission products using a penning trap. Bulletin of the Russian Academy of Sciences: Physics, 2015, 79, 869-871.	0.6	0
88	EXPERIMENTS AT THE FRONTIERS OF NUCLEAR PHYSICS: THE EXPERIMENTAL PROGRAM OF THE SUPER-FRS COLLABORATION. , 2015, , .		2
89	Super-Allowed $^{23}\text{Mg}$ Studied with a High-Precision Germanium Detector. , 2015, , .		0
90	Gamma/neutron competition above the neutron separation energy in delayed neutron emitters. EPJ Web of Conferences, 2014, 66, 02002.	0.3	3

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91	Results of fission products $\beta$ -decay properties measurement performed with a total absorption spectrometer. EPJ Web of Conferences, 2014, 66, 10019.	0.3	2
92	Neutron configurations in Pd113. Physical Review C, 2014, 90, .	2.9	4
93	Sizeable beta-strength in $^{31}\text{Ar}$ ( $\beta^-$ 3p) decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 737, 383-387.	4.1	16
94	Isomeric Yield Ratios of Fission Products Measured with the JYFLTRAP. Acta Physica Polonica B, 2014, 45, 211.	0.8	1
95	The JyvÄskylÄ Accelerator Laboratory. Nuclear Physics News, 2014, 24, 4-10.	0.4	1
96	Multiparticle emission in the decay of $^{31}\text{Ar}$ . Physical Review C, 2014, 89, .	2.9	18
97	Gas purification studies at IGISOL-4. Hyperfine Interactions, 2014, 227, 169-180.	0.5	6
98	Production of pure $^{133\text{m}}\text{Xe}$ for CTBTO. Hyperfine Interactions, 2014, 223, 239-243.	0.5	1
99	Trap-assisted studies of odd, neutron-rich isotopes from Tc to Pd. Hyperfine Interactions, 2014, 223, 175-184.	0.5	3
100	Coulomb displacement energies as a probe for nucleon pairing in the $f_{7/2}$ shell. Physical Review C, 2014, 89, .	2.9	6
101	New Beta-delayed Neutron Measurements in the Light-mass Fission Group. Nuclear Data Sheets, 2014, 120, 74-77.	2.2	15
102	MONSTER: a TOF Spectrometer for $\beta$ -delayed Neutron Spectroscopy. Nuclear Data Sheets, 2014, 120, 78-80.	2.2	10
103	Total Absorption Study of Beta Decays Relevant for Nuclear Applications and Nuclear Structure. Nuclear Data Sheets, 2014, 120, 12-15.	2.2	9
104	An IGISOL portrait. Hyperfine Interactions, 2014, 223, 1-3.	0.5	2
105	Laser spectroscopy at IGISOL IV. Hyperfine Interactions, 2014, 227, 139-145.	0.5	4
106	High-statistics measurement of the $\beta$ -delayed $\alpha$ spectrum of $^{20}\text{Na}$ . European Physical Journal A, 2013, 49, 1.	2.5	6
107	High-precision atomic mass measurements for a CKM unitarity test. International Journal of Mass Spectrometry, 2013, 349-350, 69-73.	1.5	4
108	Relative proton and $\beta$ widths of astrophysically important states in $^{30}\text{S}$ studied in the $\beta$ -delayed decay of $^{31}\text{Ar}$ . Physical Review C, 2013, 87, .	2.9	13

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109	Recommissioning of JYFLTRAP at the new IGISOL-4 facility. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 506-509.	1.4	21
110	The FURIOS laser ion source at IGISOL-4. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 422-425.	1.4	4
111	Towards commissioning the new IGISOL-4 facility. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 208-213.	1.4	102
112	Electron capture on $^{116}\text{In}$ and implications for nuclear structure related to double- $\beta$ decay. Physical Review C, 2013, 87, .	2.9	8
113	Isomeric states close to doubly magic $^{132}\text{Sn}$ studied with the double Penning trap JYFLTRAP. Physical Review C, 2013, 87, .	2.9	45
114	Production of pure samples of $^{131}\text{mXe}$ and $^{135}\text{Xe}$ . Applied Radiation and Isotopes, 2013, 71, 34-36.	1.5	6
115	The Total Absorption Spectroscopy technique for reactor technology and basic nuclear physics. , 2013, , .		0
116	Total absorption study of the $^{102}\text{Mo}$ decay of $^{104}\text{Mo}$ , $^{105}\text{Mo}$ , Physical Review C, 2013, 87, .	2.9	36
117	Recent negative ion source activity at JYFL. AIP Conference Proceedings, 2013, , .	0.4	11
118	Measurement of fission products $^{129}\text{I}$ decay properties using a total absorption spectrometer. EPJ Web of Conferences, 2013, 62, 01007.	0.3	0
119	Total absorption $^{13}\text{B}$ -ray spectroscopy of beta delayed neutron emitters. , 2013, , .		0
120	Advanced model for the prediction of the neutron-rich fission product yields. EPJ Web of Conferences, 2013, 62, 06003.	0.3	2
121	NUCLEAR STRUCTURE OF FISSION PRODUCTS INVESTIGATED BY PRECISE ION TRAP MEASUREMENTS. , 2013, , .		0
122	INDEPENDENT ISOTOPIC FISSION YIELD STUDIES WITH JYFLTRAP. , 2013, , .		0
123	Trap-assisted separation of nuclear states for gamma-ray spectroscopy: the example of $^{100}\text{Nb}$ . Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 015101.	3.6	9
124	Decay spectroscopy for nuclear astrophysics: $^{12}\text{C}$ - and $^{13}\text{C}$ -delayed proton decay. Journal of Physics: Conference Series, 2012, 337, 012058.	0.4	3
125	Precision Mass Measurements beyond $^{132}\text{Sn}$ : Anomalous Behavior of Odd-Even Staggering of Binding Energies. Physical Review Letters, 2012, 109, 032501.	7.8	74
126	Structure of $^{115}\text{Ag}$ studied by $^{129}\text{I}$ decays of $^{115}\text{Pd}$ and $^{115}\text{Pdm}$ . Physical Review C, 2012, 86, .	2.9	6



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127	Low-spin excitations in the $^{109}\text{Tc}$ nucleus. <i>Physical Review C</i> , 2012, 86, .	2.9	10
128	Candidate superdeformed band in $^{28}\text{Si}$ . <i>Physical Review C</i> , 2012, 86, .	2.9	38
129	Nuclear moments, charge radii and spins of the ground and isomeric states in $^{175}\text{Yb}$ and $^{177}\text{Yb}$ . <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2012, 39, 125101.	3.6	14
130	High-accuracy mass spectrometry of fission products with Penning traps. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2012, 39, 093101.	3.6	28
131	JYFLTRAP: a Penning trap for precision mass spectroscopy and isobaric purification. <i>European Physical Journal A</i> , 2012, 48, 1.	2.5	118
132	Penning-trap mass measurements on $^{92}, ^{94-98}, ^{100}\text{Mo}$ with JYFLTRAP. <i>European Physical Journal A</i> , 2012, 48, 1.	2.5	9
133	Precision half-life determination of a mirror $\hat{I}^2$ transition: The decay of $^{31}\text{S}$ . <i>European Physical Journal A</i> , 2012, 48, 1.	2.5	10
134	Fission yield studies at the IGISOL facility. <i>European Physical Journal A</i> , 2012, 48, 1.	2.5	20
135	Isomer and decay studies for the rp process at IGISOL. <i>European Physical Journal A</i> , 2012, 48, 1.	2.5	5
136	High-precision method of measuring short-lived nuclides by means of developed systems of ion traps for high-charge ions (MATS project). <i>Atomic Energy</i> , 2012, 112, 139-146.	0.4	1
137	An IGISOL portrait – Selected contributions. <i>European Physical Journal A</i> , 2012, 48, 1.	2.5	9
138	Storage ring at HIE-ISOLDE. <i>European Physical Journal: Special Topics</i> , 2012, 207, 1-117.	2.6	101
139	JYFLTRAP: a Penning trap for precision mass spectroscopy and isobaric purification. , 2012, , 61-81.		1
140	Production of pure $^{133\text{m}}\text{Xe}$ for CTBTO. , 2012, , 373-377.		0
141	Isomer and decay studies for the rp process at IGISOL. , 2012, , 239-249.		0
142	Trap-assisted studies of odd, neutron-rich isotopes from Tc to Pd. , 2012, , 219-228.		0
143	Fission yield studies at the IGISOL facility. , 2012, , 101-111.		0
144	Penning-trap mass measurements on $^{92}, ^{94-98}, ^{100}\text{Mo}$ with JYFLTRAP. , 2012, , 327-335.		0

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145	First Measurements with the BEta deLayEd Neutron Detector (BELEN-20) at JYFLTRAP. Journal of Physics: Conference Series, 2011, 312, 052008.	0.4	15
146	Double-beta decay Q values of $^{116}\text{Cd}$ and $^{130}\text{Te}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 703, 412-416.	4.1	76
147	Precision half-life and Q-value measurement of the super-allowed $\beta^+$ emitter $^{30}\text{S}$ . European Physical Journal A, 2011, 47, 1.	2.5	17
148	Penning-trap-assisted study of $^{115}\text{Ru}$ beta decay. European Physical Journal A, 2011, 47, 1.	2.5	9
149	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
150	New $\beta^+$ -delayed proton lines from $^{23}\text{Al}$ . European Physical Journal A, 2011, 47, 1.	2.5	17
151	On the resonant neutrinoless double-electron-capture decay of $^{136}\text{Ce}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 116-120.	4.1	48
152	Decay Spectroscopy for Nuclear Astrophysics: $\beta^+$ -delayed Proton Decay. , 2011, , .		2
153	Study of excited states of $^{31}\text{S}$ through beta-decay of $^{31}\text{Cl}$ for nucleosynthesis in ONe novae. AIP Conference Proceedings, 2011, , .	0.4	6
154	Precise and accurate determination of the $\beta^+$ decay spectrum of $^{83}\text{Br}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 703, 412-416.	2.9	24
155	Precise and accurate determination of the $\beta^+$ decay spectrum of $^{83}\text{Br}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 703, 412-416.	2.9	12
156	Precise and accurate determination of the $\beta^+$ decay spectrum of $^{83}\text{Br}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 703, 412-416.	2.9	0
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