

Heikki Penttilä

List of Publications by Year in descending order

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191
papers

4,155
citations

94433

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199
all docs

199
docs citations

199
times ranked

1449
citing authors

#	ARTICLE	IF	CITATIONS
1	Benchmark of a multi-physics Monte Carlo simulation of an ion guide for neutron-induced fission products. European Physical Journal A, 2022, 58, 1.	2.5	3
2	\hat{I}^2 - and \hat{I}^3 -spectroscopy study of Pd	2.9	3
3	First trap-assisted decay spectroscopy of the ^{81}Ge ground state. European Physical Journal A, 2022, 58, 1.	2.5	1
4	Total absorption \hat{I}^3 -ray spectroscopy of the \hat{I}^2 decays of Y	2.9	5
5	Transition probabilities in 31P and 31S : A test for isospin symmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 821, 136603.	4.1	5
6	Radioactive ion beam manipulation at the IGISOL-4 facility. EPJ Web of Conferences, 2020, 239, 17002.	0.3	2
7	Total absorption \hat{I}^3 -ray spectroscopy of the \hat{I}^2 -delayed neutron emitters	2.9	8
8	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
9	Excited states in $\text{Br}87$ populated in \hat{I}^2 decay of $\text{Se}87$. Physical Review C, 2019, 100, .	2.9	5
10	Measurement of the ground-state transition in the \hat{I}^2 decay of F	2.9	19
11	Decay transition of F	7.8	36
12	High-precision mass measurements and production of neutron-deficient isotopes using heavy-ion beams at IGISOL. Physical Review C, 2019, 100, .	2.9	9
13	Production of Sn and Sb isotopes in high-energy neutron-induced fission of natU . European Physical Journal A, 2018, 54, 1.	2.5	5
14	Measurement of fission yields and isomeric yield ratios at IGISOL. EPJ Web of Conferences, 2018, 169, 00017.	0.3	0
15	Symmetries in mirror nuclei 31S and 31P . EPJ Web of Conferences, 2018, 194, 03001.	0.3	0
16	New insights into triaxiality and shape coexistence from odd-mass $\text{Rh}109$. Physical Review C, 2018, 98, .	2.9	3
17	Phase-Imaging Ion-Cyclotron-Resonance technique at the JYFLTRAP double Penning trap mass spectrometer. European Physical Journal A, 2018, 54, 1.	2.5	52
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Excited levels in the multishaped Pd117 nucleus studied via \hat{I}^2 decay of Rh117. Physical Review C, 2018, 98, .	2.9	6
21	Total absorption \hat{I}^3 -ray spectroscopy of the \hat{I}^2 -delayed neutron emitter	2.9	35
22	value of the superallowed Q_{EC} value of the superallowed \hat{I}^2 emitter	2.9	5
23	Precise measurements of half-lives and branching ratios for the η \hat{I}^2 mirror transitions in the decay of ^{23}Mg and ^{27}Si . European Physical Journal A, 2017, 53, 1.	2.5	3
24	Penning-trap-assisted study of excitations in Br88 populated in \hat{I}^2 decay of Se88. Physical Review C, 2017, 95, .	2.9	6
25	A neutron source for IGISOL-JYFLTRAP: Design and characterisation. European Physical Journal A, 2017, 53, 1.	2.5	10
26	Experimental study of Tc100 \hat{I}^2 decay with total absorption \hat{I}^3 -ray spectroscopy. Physical Review C, 2017, 96, .	2.9	15
27	Measurements of isomeric yield ratios of fission products from proton-induced fission on natU and ^{232}Th via direct ion counting. EPJ Web of Conferences, 2017, 146, 04054.	0.3	4
28	Simulations of the stopping efficiencies of fission ion guides. EPJ Web of Conferences, 2017, 146, 03025.	0.3	0
29	Total absorption spectroscopy of fission fragments relevant for reactor antineutrino spectra. EPJ Web of Conferences, 2017, 146, 10002.	0.3	2
30	Strong \hat{I}^3 -ray emission from neutron unbound states populated in \hat{I}^2 -decay: Impact on (n, \hat{I}^3) cross-section estimates. EPJ Web of Conferences, 2017, 146, 01002.	0.3	2
31	TAGS measurements of ^{100}Nb ground and isomeric states and ^{140}Cs for neutrino physics with the new DTAS detector. EPJ Web of Conferences, 2017, 146, 10010.	0.3	2
32	New accurate measurements of neutron emission probabilities for relevant fission products. EPJ Web of Conferences, 2017, 146, 01004.	0.3	3
33	Measurement of the heaviest \hat{I}^2 -delayed 2-neutron emitter: ^{136}Sb . EPJ Web of Conferences, 2017, 146, 01005.	0.3	0
34	Total absorption studies of high priority decays for reactor applications: ^{86}Br and ^{91}Rb . EPJ Web of Conferences, 2017, 146, 10001.	0.3	1
35	r Process $(n, (\gamma))$ Rate Constraints from the (γ) Emission of Neutron Unbound States in (η) -Decay. , 2017, , .		1
36	Probing the Low-Energy Structure of A = 109 Ru \hat{I}^2 Pd. , 2017, , .		0

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37	Novel Technique for Fission Yield Measurements Applying Ion Traps. , 2017, , .		0
38	Fission yield measurements at IGISOL. EPJ Web of Conferences, 2016, 122, 01008.	0.3	4
39	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
40	First experiment with the NUSTAR/FAIR Decay Total Absorption γ -Ray Spectrometer (DTAS) at the IGISOL IV facility. Nuclear Instruments & Methods in Physics Research B, 2016, 376, 334-337.	1.4	21
41	Independent isotopic yields in 25 MeV and 50 MeV proton-induced fission of natU. European Physical Journal A, 2016, 52, 1.	2.5	15
42	Developments for neutron-induced fission at IGISOL-4. Nuclear Instruments & Methods in Physics Research B, 2016, 376, 46-51.	1.4	12
43	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 Total Absorption Spectroscopy Study of ^{92}Rb Decay: A Major Contributor to Reactor Antineutrino Spectrum Shape. Physical Review Letters, 2015, 115, 062503.	1.6	38
44	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 Total Absorption Spectroscopy Study of ^{92}Rb Decay: A Major Contributor to Reactor Antineutrino Spectrum Shape. Physical Review Letters, 2015, 115, 062503.	7.8	68
45	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 Total Absorption Spectroscopy Study of ^{92}Rb Decay: A Major Contributor to Reactor Antineutrino Spectrum Shape. Physical Review Letters, 2015, 115, 062503.	2.9	5
46	Enhanced β -Ray Emission from Neutron Unbound States Populated in ^{109}Pd and the onset of deformation at ^{109}Pd . Physical Review Letters, 2015, 115, 062502.	7.8	37
47	Formation of heavy neutron-deficient nuclides in ^3He -induced reactions. Bulletin of the Russian Academy of Sciences: Physics, 2015, 79, 848-851.	0.6	0
48	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
49	Simulations of the fission-product stopping efficiency in IGISOL. European Physical Journal A, 2015, 51, 1.	2.5	19
50	Super-Allowed β^2 Decay of ^{23}Mg Studied with a High-Precision Germanium Detector. , 2015, , .		0
51	Gamma/neutron competition above the neutron separation energy in delayed neutron emitters. EPJ Web of Conferences, 2014, 66, 02002.	0.3	3
52	Results of fission products β^2 decay properties measurement performed with a total absorption spectrometer. EPJ Web of Conferences, 2014, 66, 10019.	0.3	2
53	Neutron configurations in ^{113}Pd . Physical Review C, 2014, 90, .	2.9	4
54	Isomeric Yield Ratios of Fission Products Measured with the JYFLTRAP. Acta Physica Polonica B, 2014, 45, 211.	0.8	1

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55	Gas purification studies at IGISOL-4. <i>Hyperfine Interactions</i> , 2014, 227, 169-180.	0.5	6
56	Production of pure ^{133}mXe for CTBTO. <i>Hyperfine Interactions</i> , 2014, 223, 239-243.	0.5	1
57	The layout of the IGISOL 3 facility. <i>Hyperfine Interactions</i> , 2014, 223, 5-16.	0.5	3
58	Trap-assisted studies of odd, neutron-rich isotopes from Tc to Pd. <i>Hyperfine Interactions</i> , 2014, 223, 175-184.	0.5	3
59	New Beta-delayed Neutron Measurements in the Light-mass Fission Group. <i>Nuclear Data Sheets</i> , 2014, 120, 74-77.	2.2	15
60	Total Absorption Study of Beta Decays Relevant for Nuclear Applications and Nuclear Structure. <i>Nuclear Data Sheets</i> , 2014, 120, 12-15.	2.2	9
61	An IGISOL portrait. <i>Hyperfine Interactions</i> , 2014, 223, 1-3.	0.5	2
62	Target thickness dependence of the $\text{Be}(p, xn)$ neutron energy spectrum. <i>EPJ Web of Conferences</i> , 2014, 66, 11032.	0.3	8
63	Recommissioning of JYFLTRAP at the new IGISOL-4 facility. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 317, 506-509.	1.4	21
64	Towards commissioning the new IGISOL-4 facility. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 317, 208-213.	1.4	102
65	Electron capture on ^{116}In and implications for nuclear structure related to double- β decay. <i>Physical Review C</i> , 2013, 87, .	2.9	8
66	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
67	Total absorption study of the ^{102}In decay. <i>Physical Review C</i> , 2013, 87, .	2.9	36
68	Measurement of fission products ^{104}Zr decay properties using a total absorption spectrometer. <i>EPJ Web of Conferences</i> , 2013, 62, 01007.	0.3	0
69	Advanced model for the prediction of the neutron-rich fission product yields. <i>EPJ Web of Conferences</i> , 2013, 62, 06003.	0.3	2
70	MEASUREMENT OF ISOMERIC YIELD RATIOS OF FISSION PRODUCTS WITH THE JYFLTRAP., 2013, .		0
71	Trap-assisted separation of nuclear states for gamma-ray spectroscopy: the example of ^{100}Nb . <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2012, 39, 015101.	3.6	9
72	Precision Mass Measurements beyond ^{132}Sn : Anomalous Behavior of Odd-Even Staggering of Binding Energies. <i>Physical Review Letters</i> , 2012, 109, 032501.	7.8	74

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91	Signatures of oblate deformation in the ^{111}Tc nucleus. <i>Physical Review C</i> , 2011, 84, .	2.9	15
92	Determining isotopic distributions of fission products with a Penning trap. <i>European Physical Journal A</i> , 2010, 44, 147-168.	2.5	30
93	Ultra-high resolution mass separator Application to detection of nuclear weapons tests. <i>Applied Radiation and Isotopes</i> , 2010, 68, 450-453.	1.5	17
94	Excited states in ^{115}Pd populated in the ^{121}Rh decay. <i>Physical Review C</i> , 2010, 82, .	2.9	22
95	New isomer and decay half-life of ^{239}Pu . <i>Physical Review Letters</i> , 2010, 105, 025101.	2.9	14
96	Solving the ^{115}Pd matrix analysis of the ^{121}Rh decay. <i>Physical Review Letters</i> , 2010, 105, 025101.	7.8	107
97	Matrix analysis of the ^{115}Pd decays of ^{121}Rh . <i>Physical Review Letters</i> , 2010, 105, 025101.	2.9	59
98	Event Mode Data Acquisition for Characterization of Samples Containing Radioactive Particles. <i>IEEE Transactions on Nuclear Science</i> , 2009, 56, 1444-1447.	2.0	3
99	Half-life, branching-ratio, and Q-value measurement for the superallowed $0^+ \rightarrow 0^+$ emitter ^{42}Ti . <i>Physical Review C</i> , 2009, 80, 044301.	2.9	35
100	Precise branching ratios to unbound ^{12}C states from ^{12}N and ^{12}B β^2 -decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 678, 459-464.	2.9	23
101	Triple-continuum states. <i>Physical Review Letters</i> , 2009, 103, 022501.	2.9	21
102	Precise branching ratios to unbound ^{12}C states from ^{12}N and ^{12}B β^2 -decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 678, 459-464.	4.1	41
103	Upgrade and yields of the IGISOL facility. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2008, 266, 4454-4459.	1.4	21
104	A sextupole ion beam guide to improve the efficiency and beam quality at IGISOL. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2008, 266, 4794-4807.	1.4	112
105	Studies of quadrupole collectivity in the \hat{I}^3 -soft ^{106}Ru . <i>European Physical Journal A</i> , 2008, 35, 159-165.	2.5	8
106	Beta-decay branching ratios of ^{62}Ga . <i>European Physical Journal A</i> , 2008, 36, 121-126.	2.5	16
107	Mass measurements in the vicinity of the ^{115}Pd β -process and the ^{115}Pd β^2 -process. <i>Physical Review Letters</i> , 2008, 101, 022501.	2.9	119
108	Lifetime measurements of the negative-parity 7^+ and 8^+ states in ^{122}Cd . <i>Physical Review C</i> , 2008, 77, .	2.9	17

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109	capture branch of ^{100}Zr and tests of nuclear wave functions for double- β decays. Physical Review C, 2007, 76, .	2.9	21
110	QEC Values of the Superallowed β^2 Emitters ^{50}Mn and ^{54}Co . Physical Review Letters, 2008, 100, 132502.	7.8	70
111	LASER SPECTROSCOPY AND THE NATURE OF THE SHAPE TRANSITION AT $N = 60$. , 2008, , . Identification of an $\hat{1}^{\pm}$ -decaying (^{100}Zr) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		0
112	isomer in ^{216}Fr . Physical Review C, 2007, 76, .	2.9	7
113	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
114	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
115	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
116	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
117	Low-spin structure of ^{113}Ru and ^{113}Rh . European Physical Journal A, 2007, 33, 307-316.	2.5	25
118	Penning trap assisted decay spectroscopy of neutron-rich ^{115}Ru . European Physical Journal A, 2007, 31, 263-266.	2.5	26
119	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
120	LIST developments at IGISOL. European Physical Journal: Special Topics, 2007, 150, 283-284.	2.6	8
121	Independent fission yields with JYFLTRAP. European Physical Journal: Special Topics, 2007, 150, 317-318.	2.6	6
122	Precision mass measurements of radioactive nuclei at JYFLTRAP. European Physical Journal: Special Topics, 2007, 150, 349-352.	2.6	5
123	Excited states in ^{31}S studied via beta decay of ^{31}Cl . European Physical Journal A, 2006, 27, 67-75.	2.5	29
124	Re-evaluating reaction rates relevant to nova nucleosynthesis from a nuclear structure perspective. European Physical Journal A, 2006, 27, 117-121.	2.5	4
125	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
126	Laser Ion Source Project at IGISOL. Hyperfine Interactions, 2006, 162, 39-43.	0.5	8

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127	Precision experiments on exotic nuclei at IGISOL. International Journal of Mass Spectrometry, 2006, 251, 204-211.	1.5	64
128	Laser Ion Source Development at IGISOL. AIP Conference Proceedings, 2006, , .	0.4	10
129	Reevaluation of the $P30(p, \hat{1}^3)S31$ astrophysical reaction rate from a study of the $T=1/2$ mirror nuclei, $S31$ and $P31$. Physical Review C, 2006, 73, .	2.9	40
130	Q Values of the Superallowed $\hat{1}^2$ Emitters $Alm26$, $Sc42$, and $V46$ and Their Impact on Vud and the Unitarity of the Cabibbo-Kobayashi-Maskawa Matrix. Physical Review Letters, 2006, 97, 232501.	7.8	59
131	Precision measurement of the half-life and the decay branches of ^{62}Ga . European Physical Journal A, 2005, 23, 409-415.	2.5	20
132	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
133	Beta-delayed gamma and proton spectroscopy near the $Z = N$ line. European Physical Journal A, 2005, 25, 129-130.	2.5	13
134	Production of beams of neutron-rich nuclei between Ca and Ni using the ion-guide technique. European Physical Journal A, 2005, 25, 749-750.	2.5	0
135	Structure of doubly-even cadmium nuclei studied by $\hat{1}^2$ decay. European Physical Journal A, 2005, 25, 119-120.	2.5	8
136	Performance of IGISOL 3. European Physical Journal A, 2005, 25, 745-747.	2.5	32
137	$\hat{1}^2$ -decay of $O13$. Physical Review C, 2005, 72, .	2.9	12
138	Mirror energy differences in the $A=31$ mirror nuclei, $S31$ and $P31$, and their significance in electromagnetic spin-orbit splitting. Physical Review C, 2005, 72, .	2.9	58
139	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
140	Production of neutron-rich nuclei in fission induced by neutrons generated by the $p + ^{13}C$ reaction at 55 MeV. European Physical Journal A, 2003, 17, 57-63.	2.5	14
141	$\hat{1}^2$ decay of neutron-rich ^{118}Ag and ^{120}Ag isotopes. Physical Review C, 2003, 67, .	2.9	22
142	Beta decay of $^{57}Zn^*$. EPJ Direct, 2002, 4, 1-11.	0.1	7
143	Decay of the neutron-rich isotope ^{113}Ru to ^{113}Rh . European Physical Journal A, 2002, 13, 449-460.	2.5	3
144	Total absorption spectroscopy of ^{58}Cu decay. European Physical Journal A, 2001, 12, 143-145.	2.5	11

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145	Status of HIGISOL, a New Version Equipped with SPIG and Electric Field Guidance. <i>Hyperfine Interactions</i> , 2001, 132, 481-486.	0.5	5
146	Isomeric state of ^{80}Y and its role in the astrophysical rp-process. <i>European Physical Journal A</i> , 2001, 11, 257-261.	2.5	26
147	$\hat{\Gamma}^2$ decay of ^{116}Ag and the vibrational structure of ^{116}Cd . <i>Physical Review C</i> , 2001, 64, .	2.9	24
148	Beta decay of neutron-rich ^{116}Rn and the low-lying level structure of even-even ^{116}Pd . <i>Physical Review C</i> , 2001, 63, .	2.9	26
149	Measurement of the IAS resonance strength in ^{23}Mg . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 492, 1-7.	4.1	34
150	The use of the ion guide technique for collinear laser spectroscopy. , 2000, 127, 511-514.		1
151	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
152	Performance of and possibilities at the Jyväskylä ion guide isotope separator on-line facility. <i>European Physical Journal D</i> , 2000, 50, 235-238.	0.4	0
153	$\hat{\Gamma}^2$ -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. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 454, 1-7.	4.1	34
154	A new isomer in ^{125}La . <i>European Physical Journal A</i> , 1999, 5, 1-2.	2.5	16
155	Beta decay of ^{61}Ga . <i>European Physical Journal A</i> , 1999, 5, 151-156.	2.5	14
156	Beta Decay of ^{111}Tc to ^{111}Ru . <i>European Physical Journal A</i> , 1998, 2, 17-19.	2.5	8
157	Shape coexistence near the double-midshell nucleus ^{111}Rh . <i>European Physical Journal A</i> , 1998, 1, 285-297.	2.5	37
158	First decay scheme of ^{113}Tc and identification of ^{113}Ru m. <i>European Physical Journal A</i> , 1998, 2, 241-243.	2.5	15
159	High-resolution studies of beta-delayed proton emitters at IGISOL facility. <i>Il Nuovo Cimento A</i> , 1998, 111, 1083-1087.	0.2	5
160	Level structure of ^{99}Nb . <i>Physical Review C</i> , 1998, 57, 2974-2990.	2.9	21
161	Studies of neutron-rich nuclei at the JYFL-IGISOL. , 1998, , .		1
162	New interpretation of shape coexistence in ^{99}Zr . <i>Physical Review C</i> , 1997, 56, 2445-2450.	2.9	22

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163	Supersymmetric fission at intermediate energy and production of neutron-rich nuclei with $A < 80$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 405, 230-235.	4.1	32
164	Independent yields of neutron-rich nuclei in charged-particle induced fission. Nuclear Instruments & Methods in Physics Research B, 1997, 126, 201-204.	1.4	10
165	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
166	Detailed investigation of the \hat{I}^2 -decay of the $9/2^+$ ground state of 99Nb to levels in 99Mo . Zeitschrift FÄ¼r Physik A, 1997, 358, 317-327.	0.9	16
167	Fine structure in the \hat{I}^{\pm} decay of 192Po . Zeitschrift FÄ¼r Physik A, 1996, 356, 3-4.	0.9	45
168	Beta-Decay Half-Lives and Neutron-Emission Probabilities of Very Neutron-Rich Y to Tc Isotopes. Physical Review Letters, 1996, 77, 458-461.	7.8	68
169	First observation of \hat{I}^2 decay of $\text{Nb}108$ to $\text{Mo}108$. Physical Review C, 1996, 54, 2760-2763.	2.9	12
170	First observation of nonyrast levels in $\text{Zr}103$ and level systematics of $N=63$ Sr, Zr, and Mo isotones. Physical Review C, 1996, 54, 1592-1597.	2.9	20
171	Decays of the $\text{Y}97$ isomers to the single neutron nucleus $\text{Zr}97$. Physical Review C, 1996, 54, 1117-1128.	2.9	27
172	\hat{I}^{\pm} -decay properties of $\text{Pb}181$. Physical Review C, 1996, 53, 2513-2515.	2.9	9
173	Beta decay of 108Mo and of neighbouring even Mo-isotopes. Nuclear Physics A, 1995, 584, 489-508.	1.5	18
174	Isotopic product distributions in the near symmetric mass region in proton induced fission of $\text{U}238$. Physical Review C, 1994, 49, 2036-2044.	2.9	29
175	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
176	Deformed bands and prolate-oblate shape coexistence in 185Tl and 187Tl . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 324, 14-19.	4.1	18
177	\hat{I}^2 -decay of 113Rh and the observation of 113mPd : Isomer systematics in odd-A palladium isotopes. Nuclear Physics A, 1993, 561, 416-430.	1.5	21
178	Gamow-Teller decay of 118Pd and of the new isotope 120Pd . Nuclear Physics A, 1993, 552, 340-352.	1.5	19
179	Spectroscopy of $\text{Pb}186$ with mass identification. Physical Review C, 1993, 48, R2140-R2143.	2.9	54
180	Discovery of rare neutron-rich Zr, Nb, Mo, Tc, and Ru isotopes in fission: Test of \hat{I}^2 half-life predictions very far from stability. Physical Review Letters, 1992, 69, 1167-1170.	7.8	50

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181	Beta decay of ^{114}Ru and Q systematics for n-rich Ru isotopes. Nuclear Physics A, 1992, 549, 420-430.	1.5	20
182	Status report of the SARA IGISOL used in the study of the $^{238}\text{U}(\hat{1}\pm 40 \text{ MeV}, \hat{\text{A}}\text{'})$ reaction. Nuclear Instruments & Methods in Physics Research B, 1992, 70, 233-240.	1.4	9
183	Independent and cumulative yields of very neutron-rich nuclei in 20 MeVp- and $18\hat{\text{A}}\text{'41 MeVd}$ -induced fission of ^{238}U . Physical Review C, 1991, 44, 336-344.	2.9	17
184	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
185	Identification of the rare neutron-rich isotope ^{117}Rh . Physical Review C, 1991, 44, R935-R938.	2.9	24
186	Collective structure of the neutron-rich nuclei, ^{110}Ru and ^{112}Ru . Nuclear Physics A, 1990, 515, 365-380.	1.5	76
187	New Neutron-Rich Nuclei and Isomers Produced in Symmetric Fission. Physica Scripta, 1990, T32, 38-42.	2.5	12
188	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
189	Levels in ^{110}Pd , ^{112}Pd , ^{114}Pd and ^{116}Pd from the beta decays of the on-line mass separated Rh isotopes. Nuclear Physics A, 1988, 480, 104-124.	1.5	64
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