

# Thomas Nilsson

## List of Publications by Year in descending order

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256  
papers

7,634  
citations

34105

52  
h-index

66911

78  
g-index

258  
all docs

258  
docs citations

258  
times ranked

2824  
citing authors



#	ARTICLE	IF	CITATIONS
19	All the fun of the FAIR: fundamental physics at the facility for antiproton and ion research. Physica Scripta, 2019, 94, 033001.	2.5	79
20	Strong Neutron Pairing in core+4n Nuclei. Physical Review Letters, 2018, 120, 152504.	7.8	9
21	Reactions on Oxygen Isotopes: Observation of Isospin Independence of the Reduced Single-Particle Strength. Physical Review Letters, 2018, 120, 092501.	7.8	69
22	Comparison of electromagnetic and nuclear dissociation of $^{14}\text{C}$ . Physical Review C, 2018, 97, .	2.9	15
23	Structure of $^{17}\text{Be}$ . Physical Review C, 2018, 97, .	2.9	7
24	$^{13}\text{B}$ studied in proton knockout from $^{14}\text{B}$ . Physical Review C, 2017, 95, .	2.9	9
25	Coulomb breakup of neutron-rich $^{29,30}\text{Na}$ isotopes near the island of inversion. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 045101.	3.6	3
26	Study of bound states in $^{10}\text{Be}$ by one neutron removal reactions of $^{11}\text{Be}$ . Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 044009.	3.6	4
27	Collinear cluster tri-partition: Kinematics constraints and stability of collinearity. Physical Review C, 2017, 95, .	2.9	10
28	Determination of the neutron-capture rate of $^{17}\text{C}$ for r -process nucleosynthesis. Physical Review C, 2017, 95, .	2.9	10
29	Effective proton-neutron interaction near the drip line from unbound states in $^{25}\text{F}$ . Physical Review C, 2017, 96, .	2.9	14
30	The large enriched germanium experiment for neutrinoless double beta decay (LEGEND). AIP Conference Proceedings, 2017, .	0.4	126
31	Ground-state configuration of neutron-rich $^{35}\text{Al}$ via Coulomb breakup. Physical Review C, 2017, 96, .	2.9	3
32	Measurement of the $^{92,93,94,100}\text{Mo}(\hat{1}^3, n)$ reactions by Coulomb Dissociation. Journal of Physics: Conference Series, 2016, 665, 012034.	0.4	1
33	Experimental study of the $^{15}\text{O}(2p, \hat{1}^3)^{17}\text{Ne}$ cross section by Coulomb Dissociation for the $rp$ process. Journal of Physics: Conference Series, 2016, 665, 012046.	0.4	1
34	Nuclear astrophysics with radioactive ions at FAIR. Journal of Physics: Conference Series, 2016, 665, 012044.	0.4	9
35	Direct experimental evidence for a multiparticle-hole ground state configuration of deformed $^{33}\text{Mg}$ . Physical Review C, 2016, 94, .	2.9	10
36	Beta-delayed proton emission from $^{20}\text{Mg}$ . European Physical Journal A, 2016, 52, 1.	2.5	14

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37	Physics book: CRYRING@ESR. European Physical Journal: Special Topics, 2016, 225, 797-882.	2.6	101
38	Systematic investigation of projectile fragmentation using beams of unstable B and C isotopes. Physical Review C, 2016, 93, .	2.9	11
39	Coulomb dissociation of $N$ . Physical Review C, 2016, 93, .	2.9	8
40	Exclusive measurements of quasi-free proton scattering reactions in inverse and complete kinematics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 204-210.	4.1	41
41	High-sensitivity study of levels in Al30 following $\hat{I}^2$ decay of Mg30. Physical Review C, 2016, 94, .	2.9	4
42	Coulomb and nuclear excitations of narrow resonances in 17Ne. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 200-205.	4.1	11
43	Multi-particle Emission from $^{31}\text{Ar}$ at ISOLDE. Acta Physica Polonica B, 2016, 47, 747.	0.8	4
44	Simultaneous analysis of the elastic scattering and breakup channel for the reaction $Li + Pb$ at energies near the Coulomb barrier. Physical Review C, 2015, 92, .	2.9	29
45	The NUSTAR project at FAIR. Physica Scripta, 2015, T166, 014070.	2.5	4
46	Beta-delayed proton emission from 21Mg. European Physical Journal A, 2015, 51, 1.	2.5	13
47	$^{11}\text{Li}$ structural information from inclusive break-up measurements. EPJ Web of Conferences, 2015, 88, 01003.	0.3	0
48	Performance of timing Resistive Plate Chambers with protons from 200 to 800 MeV. Journal of Instrumentation, 2015, 10, C01043-C01043.	1.2	8
49	Performance of timing resistive plate chambers with relativistic neutrons from 300 to 1500 MeV. Journal of Instrumentation, 2015, 10, C02034-C02034.	1.2	9
50	Systematic trends in beta-delayed particle emitting nuclei: The case of $^{21}\text{Mg}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 356-359.	4.1	8
51	Proton response of CEPA4: A novel LaBr 3 (Ce) $\hat{I}^2$ phoswich array for high-energy gamma and proton spectroscopy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 769, 105-111.	1.6	14
52	$^{12}\text{C}+p$ resonant elastic scattering in the Maya active target. European Physical Journal A, 2015, 51, 1.	2.5	5
53	Studies of continuum states in $^{16}\text{Ne}$ using three-body correlation techniques. European Physical Journal A, 2015, 51, 1.	2.5	10
54	Scattering of Halo Nuclei at Energies below and around the Coulomb Barrier. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
55	THE FAIR FACILITY. , 2015, , .		0
56	CEPA4: A LaBr/LaCl Phoswich Prototype Array for Simultaneous Detection of High-Energy Gamma and Proton Radiation. , 2015, , .		0
57	Sizeable beta-strength in $^{31}\text{Ar}$ ( $\hat{I}^2 3p$ ) decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 737, 383-387.	4.1	16
58	Thermonuclear reaction $^{30}\text{p}(\hat{I}^3)\text{Cl}^{31}$ studied via Coulomb breakup of $\text{Cl}^{31}$ . Physical Review C, 2014, 89, .	2.9	15
59	Multiparticle emission in the decay of $\text{Ar}^{31}$ . Physical Review C, 2014, 89, .	2.9	18
60	First Experimental Constraint on the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Fe} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 59 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{Ne} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 15 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Fe} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 59 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{Ne} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 15 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$	7.8	18
61	$\text{Ne}^{15}$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Ne} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 15 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Ne} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 15 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$	7.8	35
62	CALIFA, a Dedicated Calorimeter for the R3B/FAIR. Nuclear Data Sheets, 2014, 120, 99-101.	2.2	18
63	$^{13,14}\text{B}(n, \hat{I}^3)$ via Coulomb Dissociation for Nucleosynthesis towards the r-Process. Nuclear Data Sheets, 2014, 120, 197-200.	2.2	9
64	$\text{Be}^{11}$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Be} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 11 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \hat{I}^2 \langle \text{mml:mi} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \text{Tj ETQq0 0 0 rgBT /Overlock}$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Be} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 11 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \hat{I}^2 \langle \text{mml:mi} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \text{Tj ETQq0 0 0 rgBT /Overlock}$	4.1	33
65	Nucl Exclusive measurements of nuclear breakup reactions of $^{17}\text{Ne}$ . EPJ Web of Conferences, 2014, 66, 03094.	0.3	0
66	Study of the break-up channel in $^{11}\text{Li} + ^{208}\text{Pb}$ collisions at energies around the Coulomb barrier. Journal of Physics: Conference Series, 2014, 515, 012004.	0.4	0
67	CEPA: A LaBr <sub>3</sub> (Ce)/LaCl <sub>3</sub> (Ce) PHOSWICH ARRAY FOR SIMULTANEOUS DETECTION OF PROTONS AND GAMMA RADIATION EMITTED IN REACTIONS AT RELATIVISTIC ENERGIES. International Journal of Modern Physics Conference Series, 2014, 27, 1460143.	0.7	0
68	Study of the $^{15}\text{O}(2p, \gamma)^{17}\text{Ne}$ Cross Section by Coulomb Dissociation of $^{17}\text{Ne}$ for the r-Process of Nucleosynthesis. Acta Physica Polonica B, 2014, 45, 229.	0.8	1
69	Structure of the unbound nucleus $^{13}\text{Be}$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 13 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle \text{Be}$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 14 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle \text{Be}$ One-neutron knockout reaction data from $^{13}\text{Be}$ analyzed in a holistic approach. Physical Review C, 2013, 87, .	2.9	34
70	European RIB facilities – Status and future. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 194-200.	1.4	21
71	Tilted foils polarization at REX-ISOLDE. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 685-688.	1.4	5
72	Nuclear physics experiments with ion storage rings. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 603-616.	1.4	60



#	ARTICLE	IF	CITATIONS
91	Implementation and evaluation of tilted foils polarization at REX-ISOLDE. Physica Scripta, 2012, T150, 014040	2.5	1
92	Properties of $C_{12}$ resonances determined from the $C_{12}$ resonances determined from the		

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109	One-neutron knockout from $^{24}\text{Ne}$ isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 687, 26-30.	4.1	4
110	One-neutron knockout of n-rich Ne isotopes at relativistic energies. Nuclear Physics A, 2010, 834, 485c-487c.	1.5	0
111	Three-body correlations in the decay of $^{10}\text{He}$ and $^{13}\text{Li}$ . Nuclear Physics A, 2010, 847, 66-88.	1.5	47
112	Radiative electron capture in the first-forbidden unique decay of $^{81}\text{Kr}$ . Physical Review C, 2010, 82, .	2.9	4
113	Publisher's Note: One-neutron knockout from light neutron-rich nuclei at relativistic energies [Phys. Rev. C82, 024305 (2010)]. Physical Review C, 2010, 82, .	2.9	0
114	One-neutron knockout from light neutron-rich nuclei at relativistic energies. Physical Review C, 2010, 82, .	2.9	20
115	Resonances into three-matrix analysis of the $^{12}\text{C}$ $\beta$ -decays of $^{12}\text{B}$ particles. Physical Review C, 2010, 82, .	2.9	62
116	Decays of $^{12}\text{N}$ . Physical Review C, 2010, 82, .	2.9	59
117	Shell Structure and Shape Changes in Neutron Rich Krypton Isotopes. , 2009, , .		4
118	Transfer Reactions on Neutron-rich Nuclei at REX-ISOLDE. , 2009, , .		4
119	Shell Closure $^{16}\text{O}$ in $^{24}\text{O}$ . , 2009, , .		1
120	One-Neutron Removal Measurement Reveals $^{24}\text{O}$ as a New Doubly Magic Nucleus. Physical Review Letters, 2009, 102, 152501.	7.8	184
121	Radioactive Ion Beams at FAIR-NuSTAR. , 2009, , .		1
122	Structure of $^{55}\text{Ti}$ from relativistic one-neutron knockout. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 675, 22-27.	4.1	24
123	Evidence of a new state in $^{11}\text{Be}$ observed in the $^{11}\text{Li}$ $\beta$ -decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 677, 255-259.	4.1	12
124	Precise branching ratios to unbound $^{12}\text{C}$ states from $^{12}\text{N}$ and $^{12}\text{B}$ $\beta$ -decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 678, 459-464.	4.1	41
125	Properties of the $^7\text{He}$ ground state from $^8\text{He}$ neutron knockout. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 679, 191-196.	4.1	50
126	Observation of $\beta$ -delayed $^3\text{He}$ breakup of the 15.11 and 12.71 MeV states in $^{12}\text{C}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 44-49.	4.1	25



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127	Kinematic identification of the $\sigma$ branch in the decay of $^{11}\text{Li}$ . European Physical Journal A, 2009, 42, 415.	2.5	11
128	Pygmy Dipole Strength in Exotic Nuclei and the Equation of State. , 2009, , .		0
129	Nuclear Structure of $^{12}\text{C}$ from Break-up Studies in Complete Kinematics. , 2009, , .		0
130	Lithium isotopes beyond the drip line. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 666, 430-434.	4.1	79
131	Study of $\hat{\tau}$ -delayed 3-body and 5-body breakup channels observed in the decay of $^{11}\text{Li}$ . Nuclear Physics A, 2008, 810, 1-12.	1.5	14
132	Radioactive ion beams at FAIR-NuSTAR. European Physical Journal: Special Topics, 2008, 156, 1-12.	2.6	9
133	$\hat{\tau}$ -delayed particle studies of the halo nucleus $^{11}\text{Li}$ and its core $^9\text{Li}$ . AIP Conference Proceedings, 2008, , .	0.4	0
134	Study of dipole excitations and the single particle structure of neutron rich Ni isotopes. AIP Conference Proceedings, 2008, , .	0.4	0
135	Study of $\hat{\tau}$ -delayed charged particle emission of $^{11}\text{Li}$ : evidence of new decay channels. Journal of Physics: Conference Series, 2008, 111, 012024.	0.4	1
136	The $\hat{\tau}$ -decay approach for studying $^{12}\text{C}$ . Journal of Physics: Conference Series, 2008, 111, 012003.	0.4	0
137	Sub-Barrier Coulomb Excitation of $^{110}\text{Sn}$ and Its Implications for the $^{100}\text{Sn}$ Shell Closure. Physical Review Letters, 2007, 98, .	7.8	94
138	Coulomb Excitation of $^{68,70}\text{Cu}$ : First Use of Postaccelerated Isomeric Beams. Physical Review Letters, 2007, 98, 122701.	7.8	70
139	Coulomb Excitation of Neutron-Rich Zn Isotopes: First Observation of the $2^1_1$ State in $^{80}\text{Zn}$ . Physical Review Letters, 2007, 99, 142501.	7.8	66
140	Systematic investigation of the drip-line nuclei $^{11}\text{Li}$ and $^{14}\text{Be}$ and their unbound subsystems $^{10}\text{Li}$ and $^{13}\text{Be}$ . Nuclear Physics A, 2007, 791, 267-302.	1.5	113
141	NuSTAR. Nuclear Physics News, 2006, 16, 9-14.	0.4	33
142	Coulomb excitation of $^{110}\text{Sn}$ using REX-ISOLDE. Physica Scripta, 2006, T125, 190-191.	2.5	1
143	Investigation of the $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/struct-bib/dtd" \rangle$	4.1	11
144	Study of $^{10}\text{Li}$ via the $^9\text{Li}(^2\text{H}, \alpha)^{10}\text{p}$ reaction at REX-ISOLDE. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 642, 449-454.	4.1	62

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145	Purification of radioactive neutron-rich argon beams using an ion source in charge breeding mode. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 556, 31-37.	1.6	9
146	Low-lying resonance states in the $^9\text{Be}$ continuum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 618, 43-50.	4.1	25
147	Low energy reactions with radioactive ions at REX-ISOLDE – the $^9\text{Li}+^2\text{H}$ case. Nuclear Physics A, 2005, 748, 374-392.	1.5	19
148	The neutron-rich Mg isotopes: first results from MINIBALL at REX-ISOLDE. Nuclear Physics A, 2005, 752, 273-278.	1.5	4
149	Three-body correlations in electromagnetic dissociation of Borromean nuclei: The $^6\text{He}$ case. Nuclear Physics A, 2005, 759, 23-42.	1.5	32
150	Properties of the $^{12}\text{C}$ 10 MeV state determined through $\hat{\Gamma}^2$ -decay. Nuclear Physics A, 2005, 760, 3-18.	1.5	40
151	New structure information on $^{30}\text{Mg}$ , $^{31}\text{Mg}$ and $^{32}\text{Mg}$ . European Physical Journal A, 2005, 25, 105-109.	2.5	49
152	Coulomb excitation of neutron-rich beams at REX-ISOLDE. European Physical Journal A, 2005, 25, 397-402.	2.5	13
153	Revised rates for the stellar triple- $\hat{\Gamma}^{\pm}$ process from measurement of $^{12}\text{C}$ nuclear resonances. Nature, 2005, 433, 136-139.	27.8	205
154	“Safe” Coulomb Excitation of $^{30}\text{Mg}$ . Physical Review Letters, 2005, 94, 172501.	7.8	66
155	Coulomb excitation of neutron-rich beams at REX-ISOLDE. , 2005, , 397-402.		0
156	News on $^{12}\text{C}$ from $\hat{\Gamma}^2$ -decay studies. Nuclear Physics A, 2004, 738, 59-65.	1.5	11
157	Asymmetry in the super-allowed $\hat{\Gamma}^2$ -transitions of the $A=9$ isobars. Nuclear Physics A, 2004, 738, 206-210.	1.5	1
158	Experimental investigation of the $^9\text{Li}+d$ reaction at REX-ISOLDE. Nuclear Physics A, 2004, 738, 511-514.	1.5	2
159	REX-ISOLDE - experiences from the first year of operation. Nuclear Physics A, 2004, 746, 17-21.	1.5	9
160	Beta-Delayed Multiparticle Emission Studies at ISOL-type Facilities. Nuclear Physics A, 2004, 746, 243-247.	1.5	1
161	The acceleration and storage of radioactive ions for a beta-beam facility. Nuclear Physics A, 2004, 746, 316-322.	1.5	7
162	Muonic radioactive atoms - a unique probe for nuclear structure. Nuclear Physics A, 2004, 746, 513-517.	1.5	4

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163	Two- and three-body correlations: breakup of halo nuclei. Nuclear Physics A, 2004, 734, 323-326.	1.5	26
164	New information on the $\hat{\Gamma}^2$ -decay of $^{11}\text{Li}$ from Doppler broadened $\hat{\Gamma}^3$ lines. Nuclear Physics A, 2004, 736, 39-54.	1.5	31
165	The $\hat{\Gamma}^2$ -decay of $^9\text{Li}$ to the high lying states in $^9\text{Be}$ . Nuclear Physics A, 2004, 746, 518-521.	1.5	3
166	Accelerated radioactive beams from REX-ISOLDE. Nuclear Instruments & Methods in Physics Research B, 2003, 204, 20-30.	1.4	96
167	Production yields of noble-gas isotopes from ISOLDE UCx/graphite targets. Nuclear Instruments & Methods in Physics Research B, 2003, 204, 220-224.	1.4	17
168	Large asymmetry in the strongest $\hat{\Gamma}^2$ -transition for $A=9$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 576, 55-61.	4.1	32
169	Beta-decay properties of the neutron-rich $^{94}\text{Kr}$ and $^{142}\text{Xe}$ isotopes. Nuclear Physics A, 2003, 714, 21-43.	1.5	48
170	Searching for the $5H$ resonance in the $t+n+n$ system. Nuclear Physics A, 2003, 723, 13-31.	1.5	48
171	$\hat{\Gamma}^2$ decay of $^{49,50}\text{Ar}$ . Physical Review C, 2003, 67, .	2.9	17
172	$t+n+n$ System and $H5$ . Physical Review Letters, 2003, 91, 162504.	7.8	35
173	$^6,8\text{He}$ : a comparative study of fragmentation reactions. , 2003, , 178-179.		0
174	Spectroscopy at the drip line: the case of $^{31}\text{Ar}$ . , 2003, , 225-225.		0
175	$\hat{\Gamma}^2$ -decay in the $A = 9$ isobar. , 2003, , 142-142.		0
176	Status of REX-ISOLDE. , 2003, , 477-477.		0
177	The ISOLDE facility at CERN. , 2003, , 469-472.		0
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