

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
1	Continuum excitations in ^6He . <i>Physical Review C</i> , 1999, 59, 1252-1262.	2.9	245
2	Invariant-mass spectroscopy of ^{10}Li and ^{11}Li . <i>Nuclear Physics A</i> , 1997, 619, 151-176.	1.5	228
3	Revised rates for the stellar triple- α process from measurement of ^{12}C nuclear resonances. <i>Nature</i> , 2005, 433, 136-139.	27.8	205
4	Direct Experimental Evidence for Strong Admixture of Different Parity States in ^{11}Li . <i>Physical Review Letters</i> , 1999, 83, 496-499.	7.8	186
5	One-Neutron Removal Measurement Reveals ^{24}O as a New Doubly Magic Nucleus. <i>Physical Review Letters</i> , 2009, 102, 152501.	7.8	184
6	Facilities and methods for radioactive ion beam production. <i>Physica Scripta</i> , 2013, T152, 014023.	2.5	157
7	Measurement of the Dipole Polarizability of the Unstable Neutron-Rich Nucleus ^{68}Ni . <i>Physical Review Letters</i> , 2013, 111, 242503.	7.8	155
8	Exotic Molecular States in ^{12}Be . <i>Physical Review Letters</i> , 1999, 82, 1383-1386.	7.8	148
9	Do Halo Nuclei Follow Rutherford Elastic Scattering at Energies Below the Barrier? The Case of ^{11}Li . <i>Physical Review Letters</i> , 2012, 109, 262701.	7.8	127
10	The large enriched germanium experiment for neutrinoless double beta decay (LEGEND). AIP Conference Proceedings, 2017, .	0.4	126
11	Study of the Unstable Nucleus ^{10}Li in Stripping Reactions of the Radioactive Projectiles ^{11}Li and ^{11}Li . <i>Physical Review Letters</i> , 1995, 75, 1719-1722.	7.8	115
12	Detection of neutron clusters. <i>Physical Review C</i> , 2002, 65, .	2.9	114
13	Systematic investigation of the drip-line nuclei ^{11}Li and ^{14}Be and their unbound subsystems ^{10}Li and ^{13}Be . <i>Nuclear Physics A</i> , 2007, 791, 267-302.	1.5	113
14	Helium breakup states in ^{10}Be and ^{12}Be . <i>Physical Review C</i> , 2001, 63, .	2.9	106
15	Storage ring at HIE-ISOLDE. <i>European Physical Journal: Special Topics</i> , 2012, 207, 1-117.	2.6	101
16	Physics book: CRYRING@ESR. <i>European Physical Journal: Special Topics</i> , 2016, 225, 797-882.	2.6	101
17	Longitudinal momentum distributions of ^{16}C , ^{18}C fragments after one-neutron removal from ^{17}C , ^{19}C . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 439, 256-261.	4.1	97
18	Accelerated radioactive beams from REX-ISOLDE. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 204, 20-30.	1.4	96

#	ARTICLE	IF	CITATIONS
19	Sub-Barrier Coulomb Excitation of Sn110 and Its Implications for the Sn100 Shell Closure. Physical Review Letters, 2007, 98, .	7.8	94
20	Beyond the neutron drip line: The unbound oxygen isotopes ^{25}O and ^{26}O . Physical Review C, 2013, 88, .	2.9	93
21	Halo Structure of ^{14}Be . Physical Review Letters, 2001, 86, 600-603.	7.8	91
22	Exclusive and restricted-inclusive reactions involving the ^{11}Be one-neutron halo. Nuclear Physics A, 1994, 575, 125-154.	1.5	90
23	Two-neutron interferometry as a probe of the nuclear halo. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 476, 219-225.	4.1	90
24	The REX-ISOLDE project. , 2000, 129, 43-66.		86
25	The electron-ion scattering experiment ELISE at the International Facility for Antiproton and Ion Research (FAIR) – A conceptual design study. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 637, 60-76.	1.6	85
26	The ^{12}C decay mechanism of Ar. Nuclear Physics A, 2000, 677, 38-60.	1.5	79
27	Lithium isotopes beyond the drip line. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 666, 430-434.	4.1	79
28	All the fun of the FAIR: fundamental physics at the facility for antiproton and ion research. Physica Scripta, 2019, 94, 033001.	2.5	79
29	Study of charged particles emitted in the ^{12}C -decay of ^6He . Nuclear Physics A, 1993, 560, 664-676.	1.5	77
30	Three-body correlations in Borromean halo nuclei. Physical Review C, 2001, 64, .	2.9	77
31	Study of the unbound nucleus ^{11}B by elastic resonance scattering. Physical Review C, 1996, 54, R1511-R1514.	2.9	71
32	Coulomb Excitation of ^{68}Cu : First Use of Postaccelerated Isomeric Beams. Physical Review Letters, 2007, 98, 122701.	7.8	70
33	Reactions on Oxygen Isotopes: Observation of Isospin Independence of the Reduced Single-Particle Strength. Physical Review Letters, 2018, 120, 052501.	7.8	69
34	^8He – ^6He : a comparative study of nuclear fragmentation reactions. Nuclear Physics A, 2001, 679, 462-480.	1.5	68
35	Evidence for a New Low-Lying Resonance State in ^7He . Physical Review Letters, 2002, 88, 102501.	7.8	67
36	Neutrons from the breakup of ^{19}C . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 381, 407-412.	4.1	66

#	ARTICLE	IF	CITATIONS
37	New results on the halo structure of B. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 452, 1-7.	4.1	66
38	Safe Coulomb Excitation of ^{30}Mg . Physical Review Letters, 2005, 94, 172501.	7.8	66
39	Coulomb Excitation of Neutron-Rich Zn Isotopes: First Observation of the 21^+ State in ^{80}Zn . Physical Review Letters, 2007, 99, 142501.	7.8	66
40	Breakup on ^{11}Li . Physical Review Letters, 2007, 99, 142501.	7.8	66
41	Decay studies of ^{135}Sb using selective resonance laser ionization techniques. Physical Review C, 2002, 65, .	2.9	65
42	The unbound isotopes ^9Li , ^{10}He . Nuclear Physics A, 2010, 842, 15-32.	1.5	64
43	Large Spin Alignment of the Unbound ^5He Fragment after Fragmentation of 240 MeV/nucleon ^6He . Physical Review Letters, 1997, 79, 201-204.	7.8	62
44	Study of ^{10}Li via the $^9\text{Li}(^2\text{H}, \alpha)^8\text{He}$ reaction at REX-ISOLDE. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 642, 449-454.	4.1	62
45	Resonances into three ^{12}C . Physical Review Letters, 2007, 99, 142501.	2.9	62
46	Improved Limit on Direct ^3He Decay of the Hoyle State. Physical Review Letters, 2012, 108, 202501.	7.8	61
47	Nuclear physics experiments with ion storage rings. Nuclear Instruments & Methods in Physics Research B, 2013, 317, 603-616.	1.4	60
48	Matrix analysis of the ^2He decays of ^8Be . Physical Review Letters, 2007, 99, 142501.	2.9	59
49	Super-allowed beta decay of nuclei at the drip-line. Zeitschrift für Physik A, 1991, 340, 255-261.	0.9	57
50	Elucidating halo structure by ^2He decay of ^7Li . Physical Review C, 1997, 55, R8-R11.	2.9	56
51	Crossing the dripline to ^{11}N using elastic resonance scattering. Physical Review C, 2000, 62, .	2.9	56
52	Invariant mass spectrum and ^2He -n correlation function studied in the fragmentation of ^6He on a carbon target. Nuclear Physics A, 1998, 633, 234-246.	1.5	54
53	Dissociation reactions of the ^{11}Be one-neutron halo. The interplay between structure and reaction mechanism. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 304, 55-59.	4.1	53
54	Exploring the anomaly in the interaction cross section and matter radius of ^{23}O . Physical Review C, 2011, 84, .	2.9	52

#	ARTICLE	IF	CITATIONS
55	Properties of the ^7He ground state from ^8He neutron knockout. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 679, 191-196.	4.1	50
56	New structure information on ^{30}Mg , ^{31}Mg and ^{32}Mg . <i>European Physical Journal A</i> , 2005, 25, 105-109.	2.5	49
57	Beta-decay properties of the neutron-rich ^{94}Kr and ^{142}Xe isotopes. <i>Nuclear Physics A</i> , 2003, 714, 21-43.	1.5	48
58	Searching for the $5H$ resonance in the $t+n+n$ system. <i>Nuclear Physics A</i> , 2003, 723, 13-31.	1.5	48
59	Observation of a correlated free four-neutron system. <i>Nature</i> , 2022, 606, 678-682.	27.8	48
60	Three-body correlations in the decay of ^{10}He and ^{13}Li . <i>Nuclear Physics A</i> , 2010, 847, 66-88.	1.5	47
61	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
62	Exclusive measurements of quasi-free proton scattering reactions in inverse and complete kinematics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 753, 204-210.	4.1	41
63	Projectile Coulomb excitation with fast radioactive beams. <i>Zeitschrift für Physik A</i> , 1995, 352, 397-401.	0.9	40
64	Beta decay of ^{31}Ar . <i>Nuclear Physics A</i> , 1998, 634, 475-496.	1.5	40
65	Properties of the ^{12}C 10 MeV state determined through β^2 -decay. <i>Nuclear Physics A</i> , 2005, 760, 3-18.	1.5	40
66	Observation of the $^{11}\text{Li}(\beta^2d)$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 367, 65-69.	4.1	39
67	One-nucleon removal cross-sections for ^{17}C and ^{18}C . <i>European Physical Journal A</i> , 2001, 10, 49-56.	2.5	39
68	Longitudinal and transverse momentum distributions of ^9Li fragments from break-up of ^{11}Li . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 347, 198-204.	4.1	38
69	Probing the ^{11}Li halo structure through β^2 -decay into the $^{11}\text{Be}^-(18\text{ MeV})$ state. <i>Nuclear Physics A</i> , 1997, 613, 199-208.	1.5	37
70	$^8\text{He} \rightarrow ^6\text{He}$: a comparative study of electromagnetic fragmentation reactions. <i>Nuclear Physics A</i> , 2002, 700, 3-16.	1.5	37
71	On the β -decay of ^8C . <i>Nuclear Physics A</i> , 2001, 692, 427-450.	1.5	36
72	Structure of ^{33}Mg sheds new light on the 20N island of inversion. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 685, 253-257.	4.1	36

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73	Thet+n+nSystem andH5. Physical Review Letters, 2003, 91, 162504.	7.8	35
74	First Observation of the Unbound Nucleus $\langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{Ne} \langle \text{mml:mi} \rangle \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \rangle \langle \text{mml:none} \rangle \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 15 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle .$ $\text{Lemml:msup} 4, \text{mml:mn} 504, \text{mml:mn} 102502 \langle \text{mml:mn} \rangle 13 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle \text{Be:}$	7.8	35
75	One-neutron knockout reaction data from $\langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 14 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle \text{Be}$ analyzed in a holistic approach. Physical Review C, 2013, 87, .	2.9	34
76	NuSTAR. Nuclear Physics News, 2006, 16, 9-14. $\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ altimg}=\text{"sil.gif"} \text{ overflow}=\text{"scroll"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \text{ mathvariant}=\text{"normal"} \rangle \text{Be} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \rangle \langle \text{mml:none} \rangle \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 11 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \text{ stretchy}=\text{"false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \hat{=} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \text{ mathvariant}=\text{"normal"} \rangle \text{p} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \text{Tj ETQq1 1 0.784314 rgB}$	0.4	33
77	New high-sensitivity searches for neutrons converting into antineutrons and/or sterile neutrons at the HIBEAM/NNBAR experiment at the European Spallation Source. Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 070501.	4.1	33
78	Halo excitations in fragmentation of He at 240 MeV/u on carbon and lead targets. Nuclear Physics A, 2000, 669, 51-64.	3.6	33
79	Large asymmetry in the strongest \hat{I}^2 -transition for A=9. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 576, 55-61.	1.5	32
80	Three-body correlations in electromagnetic dissociation of Borromean nuclei: The ^6He case. Nuclear Physics A, 2005, 759, 23-42.	4.1	32
81	Matter radii of $\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ display}=\text{"inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 32 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \hat{=} \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 35 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle .$	2.9	32
82	New information on the \hat{I}^2 -decay of ^{11}Li from Doppler broadened \hat{I}^3 lines. Nuclear Physics A, 2004, 736, 39-54.	1.5	31
83	Simultaneous analysis of the elastic scattering and breakup channel for the reaction $\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Li} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \rangle \langle \text{mml:none} \rangle \rangle \langle \text{mml:mn} \rangle 11 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Pb} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \rangle \langle \text{mml:none} \rangle \rangle \langle \text{mml:mn} \rangle 208 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ at energies near the Coulomb barrier. Physical Review C, 2015, 92, .	2.9	29
84	Momentum profile analysis in one-neutron knockout from Borromean nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 1309-1313.	4.1	28
85	Two-proton emission in the decay of ^{31}Ar . Nuclear Physics A, 1998, 628, 345-362.	1.5	27
86	Neutron Momentum Distributions from α -Core Break-Up Reactions of Halo Nuclei. Europhysics Letters, 1995, 30, 19-24.	2.0	26
87	Two- and three-body correlations: breakup of halo nuclei. Nuclear Physics A, 2004, 734, 323-326.	1.5	26
88	Experimental study of bound states in $\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ display}=\text{"inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 12 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle \text{Be}$ through low-energy $\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ display}=\text{"inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 11 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle \text{Be}$ $\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Be} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \rangle \langle \text{mml:none} \rangle \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 12 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle .$	2.9	26
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109	Quasi-free neutron and proton knockout reactions from light nuclei in a wide neutron-to-proton asymmetry range. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 795, 682-688.	4.1	18
110	Experimental determination of cross-talk between neutron detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1992, 317, 273-280.	1.6	17
111	Study of neutron rich neon isotopes. <i>Zeitschrift für Physik A</i> , 1992, 342, 303-307.	0.9	17
112	Production yields of noble-gas isotopes from ISOLDE UCx/graphite targets. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 204, 220-224.	1.4	17
113	\hat{I}^2 decay of $^{49,50}\text{Ar}$. <i>Physical Review C</i> , 2003, 67, .	2.9	17
114	LaBr ₃ (Ce):LaCl ₃ (Ce) Phoswich with pulse shape analysis for high energy gamma-ray and proton identification. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 704, 19-26.	1.6	17
115	Sizeable beta-strength in ^{31}Ar ($\hat{I}^2 3p$) decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 737, 383-387.	4.1	16
116	Properties of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} / \rangle \langle \text{mml:mn} \rangle 12 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle C$ resonances determined from the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow}$		

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127	Coulomb excitation of neutron-rich beams at REX-ISOLDE. <i>European Physical Journal A</i> , 2005, 25, 397-402.	2.5	13
128	Structure of $N=22$ and the $N=14$ subshell. <i>Physical Review C</i> , 2011, 83, .	2.9	13
129	${}^8\text{Li} + \text{H}$ reaction studied in inverse kinematics at 3.15 MeV/nucleon using the REX-ISOLDE post-accelerator. <i>Physical Review C</i> , 2011, 84, .	2.9	13
130	Gamma-ray measurements in the one-neutron knockout of ${}^{17}\text{C}$, ${}^{19}\text{N}$, ${}^{21}\text{O}$ and ${}^{25}\text{F}$. <i>European Physical Journal A</i> , 2012, 48, 1.	2.5	13
131	Continuum: Identification and Structure of its Second 2^+ State. <i>Physical Review Letters</i> , 2013, 111, 242501.	7.8	13
132	Relative proton and ${}^3\text{He}$ widths of astrophysically important states in ${}^{30}\text{S}$ studied in the ${}^2\text{-}$ delayed decay of ${}^{31}\text{Ar}$. <i>Physical Review C</i> , 2013, 87, .	2.9	13
133	Beta-delayed proton emission from ${}^{21}\text{Mg}$. <i>European Physical Journal A</i> , 2015, 51, 1.	2.5	13
134	Evidence of a new state in ${}^{11}\text{Be}$ observed in the ${}^{11}\text{Li}$ ${}^2\text{-}$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 677, 255-259.	4.1	12
135	News on ${}^{12}\text{C}$ from ${}^2\text{-}$ decay studies. <i>Nuclear Physics A</i> , 2004, 738, 59-65.	1.5	11
136	Investigation of the ${}^2\text{-}$ branch in the decay of ${}^{11}\text{Li}$. <i>European Physical Journal A</i> , 2009, 42, 415.	4.1	11
137	Kinematic identification of the ${}^2\text{-}$ branch in the decay of ${}^{11}\text{Li}$. <i>European Physical Journal A</i> , 2009, 42, 415.	2.5	11
138	Systematic investigation of projectile fragmentation using beams of unstable B and C isotopes. <i>Physical Review C</i> , 2016, 93, .	2.9	11
139	Coulomb and nuclear excitations of narrow resonances in ${}^{17}\text{Ne}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 759, 200-205.	4.1	11
140	Fine structure in the beta-delayed proton decay of ${}^{33}\text{Ar}$. <i>Nuclear Physics A</i> , 1996, 611, 47-55.	1.5	10
141	Spectroscopy with ${}^2\text{p}$ and ${}^2\text{He}$ recoil shifts. <i>Nuclear Physics A</i> , 2002, 701, 394-402.	1.5	10
142	Studies of continuum states in ${}^{16}\text{Ne}$ using three-body correlation techniques. <i>European Physical Journal A</i> , 2015, 51, 1.	2.5	10
143	Direct experimental evidence for a multiparticle-hole ground state configuration of deformed ${}^{33}\text{Mg}$. <i>Physical Review C</i> , 2016, 94, .	2.9	10
144	Collinear cluster tri-partition: Kinematics constraints and stability of collinearity. <i>Physical Review C</i> , 2017, 95, .	2.9	10

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145	Determination of the neutron-capture rate of C17 for r -process nucleosynthesis. Physical Review C, 2017, 95, .	2.9	10
146	Measurements of intense beams of ^{11}Li from a tantalum foil target. Nuclear Instruments & Methods in Physics Research B, 1999, 155, 515-517.	1.4	9
147	Search for beta-delayed charged particles from the halo nucleus ^{14}Be . Nuclear Physics A, 2002, 709, 119-130.	1.5	9
148	REX-ISOLDE - experiences from the first year of operation. Nuclear Physics A, 2004, 746, 17-21.	1.5	9
149	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
150	Radioactive ion beams at FAIR-NuSTAR. European Physical Journal: Special Topics, 2008, 156, 1-12.	2.6	9
151	One-neutron removal reactions on Al isotopes around the $N=20$ shell closure. Physical Review C, 2012, 85, .	2.9	9
152	$^{13,14}\text{B}(n, \hat{1}^3)$ via Coulomb Dissociation for Nucleosynthesis towards the r-Process. Nuclear Data Sheets, 2014, 120, 197-200.	2.2	9
153	Performance of timing resistive plate chambers with relativistic neutrons from 300 to 1500 MeV. Journal of Instrumentation, 2015, 10, C02034-C02034.	1.2	9
154	Nuclear astrophysics with radioactive ions at FAIR. Journal of Physics: Conference Series, 2016, 665, 012044.	0.4	9
155	Strong Neutron Pairing in core+4n Nuclei. Physical Review Letters, 2018, 120, 152504.	7.8	9
156	Structure of ^{13}Be studied in proton knockout from ^{14}B	2.9	9
157	Two-proton decay of the isobaric analogue state of ^{31}Ar . Nuclear Physics A, 1998, 630, 394-401.	1.5	8
158	Release studies of a thin foil tantalum target for the production of short-lived radioactive nuclei. Nuclear Physics A, 2002, 701, 327-333.	1.5	8
159	Performance of timing Resistive Plate Chambers with protons from 200 to 800 MeV. Journal of Instrumentation, 2015, 10, C01043-C01043.	1.2	8
160	Systematic trends in beta-delayed particle emitting nuclei: The case of ^{21}Mg . Physics Letters B, 2015, 750, 356-359.	4.1	8
161	Production of ^{20}N and ^{21}N at ISOLDE. Physical Review C, 2016, 93, .	2.9	8
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