

Thomas Aumann

List of Publications by Year in descending order

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243
papers

8,981
citations

41344

49
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49909

87
g-index

247
all docs

247
docs citations

247
times ranked

2595
citing authors

#	ARTICLE	IF	CITATIONS
1	Isotopic cross sections of fragmentation residues produced by light projectiles on carbon near 400 MeV . Physical Review C, 2022, 105, .	2.9	2
2	A first glimpse at the shell structure beyond 54Ca : Spectroscopy of 55K , 55Ca , and 57Ca . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 136953.	4.1	4
3	Border of the island of inversion: Unbound states in ^{29}Ne . Physical Review C, 2022, 105, .	2.9	2
4	Unveiling the two-proton halo character of ^{17}Ne : Exclusive measurement of quasi-free proton-knockout reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 827, 136957.	4.1	6
5	PUMA, antiProton unstable matter annihilation. European Physical Journal A, 2022, 58, .	2.5	12
6	Observation of a correlated free four-neutron system. Nature, 2022, 606, 678-682.	27.8	48
7	Quasi-free scattering in inverse kinematics as a tool to unveil the structure of nuclei. European Physical Journal A, 2021, 57, 1.	2.5	7
8	Unperturbed inverse kinematics nucleon knockout measurements with a carbon beam. Nature Physics, 2021, 17, 693-699.	16.7	32
9	Quenching of single-particle strength from direct reactions with stable and rare-isotope beams. Progress in Particle and Nuclear Physics, 2021, 118, 103847.	14.4	64
10	First spectroscopic study of ^{63}V at the ^{40}Ca target.	2.9	4
11	Neutron-neutron scattering length from the ^{54}Ca reaction.	7.8	11
12	Neutron capture cross sections of light neutron-rich nuclei relevant for r -process nucleosynthesis. Physical Review C, 2021, 104, .	2.9	9
13	Neutron capture cross sections of light neutron-rich nuclei relevant for r -process nucleosynthesis. Physical Review C, 2021, 104, .	2.9	3
14	NeuLAND: The high-resolution neutron time-of-flight spectrometer for R3B at FAIR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1014, 165701.	1.6	19
15	Rapidity distributions of $Z\hat{A}^{-1}$ isotopes and the nuclear symmetry energy from $\text{Sn}+\text{Sn}$ collisions with radioactive beams at 270 MeV/nucleon . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136681.	4.1	5
16	Formation of $\hat{1}\pm$ clusters in dilute neutron-rich matter. Science, 2021, 371, 260-264.	12.6	57
17	Experimental Study of 4n by Directly Detecting the Decay Neutrons. Few-Body Systems, 2021, 62, 1.	1.5	3
18	Investigation of the ground-state spin inversion in the neutron-rich ^{47}Cl and ^{49}Cl isotopes. Physical Review C, 2021, 104, .	2.9	6

#	ARTICLE	IF	CITATIONS
19	Shell evolution of $N \approx 40$ isotones towards 60Ca : First spectroscopy of 62Ti . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135071.	4.1	32
20	Indirect methods in nuclear astrophysics with relativistic radioactive beams. Progress in Particle and Nuclear Physics, 2020, 112, 103753.	14.4	14
21	Excitation of baryonic resonances in stable medium-mass nuclei of Sn. Journal of Physics: Conference Series, 2020, 1667, 012036.	0.4	0
22	Probing the $Z \approx 6$ spin-orbit shell gap with (p,2p) quasi-free scattering reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 809, 135748.	4.1	2
23	Systematic reduction of the proton-removal cross section in neutron-rich medium-mass nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135962.	4.1	9
24	Halo Structure of the Neutron-Dripline Nucleus ${}^{19}\text{B}$. $\text{Halo Structure of the Neutron-Dripline Nucleus } {}^{19}\text{B}$	7.8	43
25	Spectroscopy of neutron-rich scandium isotopes. Journal of Physics: Conference Series, 2020, 1555, 012026.	0.4	0
26	Study of \hat{I}^{π} excitations in medium-mass nuclei with peripheral heavy ion charge-exchange reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135565.	4.1	9
27			

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37	Quasi-free proton knockout from ^{12}C on carbon target at 398 MeV/u. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134802.	4.1	6
38	Study of the reaction mechanisms of $^{136}\text{Xe} + p$ and $^{136}\text{Xe} + ^{12}\text{C}$ at 1 A GeV with inverse kinematics and large-acceptance detectors. European Physical Journal A, 2019, 55, 1.	2.5	3
39	Subshell Closure? First Spectroscopy of ^{34}Ar . Physical Review Letters, 2018, 120, 052501.	7.8	41
40	Low-energy dipole response of exotic nuclei. European Physical Journal A, 2019, 55, 1.	2.5	9
41	Strong Neutron Pairing in core+4n Nuclei. Physical Review Letters, 2018, 120, 152504.	7.8	9
42	Quasifree (^{10}Tf) $^{50}\text{562}\text{Td}$ ($\text{display}="inlin$	7.8	69
43	Reactions on Oxygen Isotopes: Observation of Isospin Independence of the Reduced Single-Particle Strength. Physical Review Letters, 2018, 120, 052501.	2.9	15
44	Comparison of electromagnetic and nuclear dissociation of ^{17}Ne . Physical Review C, 2018, 97, .	7.8	7
45	Low-lying dipole response in the unstable ^{20}B and ^{20}C . Physical Review C, 2018, 98, .	2.9	16
46	Unbound states in ^{17}C probed via single-neutron removal from ^{18}C at 245â€...MeV/u. AIP Conference Proceedings, 2018.	0.4	1
47	Structure of ^{13}Be studied in proton knockout from ^{14}B . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 778, 30-34.	4.1	3
48	Single-neutron knockout from ^{20}C and the structure of ^{19}C . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 503-508.	4.1	18
49	Observation of isoscalar and isovector dipole excitations in neutron-rich ^{20}O . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 387-392.	4.1	24
50	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
51	Probing the Symmetry Term of the Nuclear Equation of State at High Baryonic Densities. Journal of Physics: Conference Series, 2017, 863, 012059.	0.4	0
52	Nuclear-matter radius studies from ^{58}Ni experiments at the GSI Experimental Storage Ring with the EXL facility. Physical Review C, 2017, 96, .	2.9	30

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55	Determination of the neutron-capture rate of C17 for r -process nucleosynthesis. Physical Review C, 2017, 95, .	2.9	10
56	Knockout and fragmentation reactions using a broad range of tin isotopes. Physical Review C, 2017, 96, .	2.9	12
57	Effective proton-neutron interaction near the drip line from unbound states in F . Physical Review C, 2017, 96, .	2.9	14
58	Neutron radioactivity β^- Lifetime measurements of neutron-unbound states. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 866, 265-271.	1.6	3
59	Peeling Off Neutron Skins from Neutron-Rich Nuclei: Constraints on the Symmetry Energy from Neutron-Removal Cross Sections. Physical Review Letters, 2017, 119, 262501.	7.8	35
60	The symmetry energy at suprasaturation density and the ASY-EOS experiment at GSI. EPJ Web of Conferences, 2017, 137, 09002.	0.3	0
61	Ground-state configuration of neutron-rich Al via Coulomb breakup. Physical Review C, 2017, 96, .	2.9	3
62	First observation of the competitive double-gamma ($\alpha\tilde{\alpha}^3/\tilde{\beta}^3$) decay process. EPJ Web of Conferences, 2016, 107, 03002.	0.3	1
63	First observation of the competitive double-gamma ($\tilde{\alpha}^3/\tilde{\beta}^3$) decay process. Journal of Physics: Conference Series, 2016, 724, 012039.	0.4	2
64	Measurement of the $^{92,93,94,100}\text{Mo}(\tilde{\alpha}^3, n)$ reactions by Coulomb Dissociation. Journal of Physics: Conference Series, 2016, 665, 012034.	0.4	1
65	Experimental study of the $^{15}\text{O}(2p, \tilde{\alpha}^3)^{17}\text{Ne}$ cross section by Coulomb Dissociation for the rp process. Journal of Physics: Conference Series, 2016, 665, 012046.	0.4	1
66	Nuclear astrophysics with radioactive ions at FAIR. Journal of Physics: Conference Series, 2016, 665, 012044.	0.4	9
67	First measurement of isoscalar giant resonances in a stored-beam experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 16-19.	4.1	20
68	Dynamical coupling of pygmy and giant resonances in relativistic Coulomb excitation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 553-557.	4.1	5
69	Interaction cross section study of the two-neutron halo nucleus ^{22}C . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 761, 412-418.	4.1	78
70	Direct experimental evidence for a multiparticle-hole ground state configuration of deformed Mg^{33} . Physical Review C, 2016, 94, .	2.9	10
71	Results of the ASY-EOS experiment at GSI: The symmetry energy at suprasaturation density. Physical Review C, 2016, 94, .	2.9	176
72	Decay of quadrupole-octupole Ca and ^{40}Ca in ^{40}Ca and ^{40}Ca .	2.9	10

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73	Coulomb dissociation of P_{27} at 500 MeV/u. <i>Physical Review C</i> , 2016, 93, .	2.9	6
74	Systematic investigation of projectile fragmentation using beams of unstable B and C isotopes. <i>Physical Review C</i> , 2016, 93, .	2.9	11
75	Measurement of fragmentation cross sections of C^{12} ions on a thin gold target with the FIRST apparatus. <i>Physical Review C</i> , 2016, 93, .	2.9	20
76	Coulomb dissociation of N . <i>Nucleus</i> $2016, 2016, 20$.	2.9	8
77	Coulomb dissociation of O . <i>Nucleus</i> $2016, 2016, 26$. Nucleus $2016, 2016, 26$. Barely Unbound System beyond the Drip Line. <i>Physical Review Letters</i> , 2016, 116, 102503.	7.8	94
78	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
79	Coulomb and nuclear excitations of narrow resonances in ^{17}Ne . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 759, 200-205.	4.1	11
80	The decay pattern of the Pygmy Dipole Resonance of ^{140}Ce . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 756, 72-76.	4.1	39
81	Decay pattern of the Pygmy Dipole Resonance in ^{140}Ce . <i>EPJ Web of Conferences</i> , 2015, 93, 01048.	2.5	26
82	Studies on fission with ALADIN. <i>European Physical Journal A</i> , 2015, 51, 1.	2.5	26
83	Decay pattern of the Pygmy Dipole Resonance in ^{140}Ce . <i>EPJ Web of Conferences</i> , 2015, 93, 01048.	0.3	0
84	The ASY-EOS experiment at GSI: Constraining the symmetry energy at supra-saturation densities. <i>EPJ Web of Conferences</i> , 2015, 88, 00022.	0.3	1
85	Performance of timing resistive plate chambers with relativistic neutrons from 300 to 1500 MeV. <i>Journal of Instrumentation</i> , 2015, 10, C02034-C02034.	1.2	9
86	Studies of continuum states in ^{16}Ne using three-body correlation techniques. <i>European Physical Journal A</i> , 2015, 51, 1.	2.5	10
87	Observation of the competitive double-gamma nuclear decay. <i>Nature</i> , 2015, 526, 406-409.	27.8	20
88	Hypernuclear production cross section in the reaction of $^6\text{Li} + ^{12}\text{C}$ at 2 A GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 747, 129-134.	4.1	33
89	Study of Ground State Wave-function of the Neutron-rich $^{29,30}\text{Na}$ Isotopes through Coulomb Breakup. <i>EPJ Web of Conferences</i> , 2014, 66, 02087.	0.3	4
90	Performance analysis for the CALIFA Barrel calorimeter of the R3B experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 767, 453-466.	1.6	16

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91	Thermonuclear reaction $S_{30}(p, \hat{p}^3)Cl_{31}$ studied via Coulomb breakup of Cl_{31} . Physical Review C, 2014, 89, .	2.9	15
92	First Experimental Constraint on the ^{59}Fe β -decay. Physical Review Letters, 2014, 112, 132502.	7.8	18
93	Beyond the Neutron Drip-Line. Nuclear Physics News, 2014, 24, 5-9.	0.4	4
94	First Observation of the Unbound Nucleus ^{15}Ne . Physical Review Letters, 2014, 112, 132502.	7.8	35
95	CALIFA, a Dedicated Calorimeter for the R3B/FAIR. Nuclear Data Sheets, 2014, 120, 99-101.	2.2	18
96	Efficiency determination of resistive plate chambers for fast quasi-monoenergetic neutrons. European Physical Journal A, 2014, 50, 1.	2.5	2
97	Performance of the reconstruction algorithms of the FIRST experiment pixel sensors vertex detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 767, 34-40.	1.6	13
98	$^{13,14}B(n, \hat{p}^3)$ via Coulomb Dissociation for Nucleosynthesis towards the r-Process. Nuclear Data Sheets, 2014, 120, 197-200.	2.2	9
99	Ground-state configuration of neutron-rich Aluminum isotopes through Coulomb Breakup. EPJ Web of Conferences, 2014, 66, 02019.	0.3	1
100	Structure of the unbound nucleus ^{13}Be : One-neutron knockout reaction data from ^{13}Be analyzed in a holistic approach. Physical Review C, 2013, 87, .	2.9	34
101	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
102	Photoreponse of ^{60}Ni below 10-MeV excitation energy: Evolution of dipole resonances in ^{60}Ni -shell nuclei near ^{60}Ni . Physical Review Letters, 2013, 111, 242503.	2.9	27
103	Measurement of the Dipole Polarizability of the Unstable Neutron-Rich Nucleus ^{14}Be . Physical Review Letters, 2013, 111, 242503.	7.8	155
104	Study of the ^{14}Be β -decay. Physical Review Letters, 2013, 111, 242503.	7.8	13
105	Continuum: Identification and Structure of its Second $^{2+}$ State. Physical Review Letters, 2013, 111, 242501.	1.6	48
106	The high-efficiency spectroscopy setup at. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 723, 136-142.	4.1	4
107	Is there a low-lying $^{2+}$ state in ^{14}Be ? Simulation and prototyping of 2m long resistive plate chambers for detection of fast neutrons and multi-neutron event identification. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 701, 86-92.	1.6	7
108	Hypernuclear spectroscopy of products from 6Li projectiles on a carbon target at $^{2+}$ GeV. Nuclear Physics A, 2013, 913, 170-184.	1.5	91

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109	Experimental studies of the Pygmy Dipole Resonance. Progress in Particle and Nuclear Physics, 2013, 70, 210-245.	14.4	348
110	Decay pattern of the pygmy dipole resonance in ^{60}Ni . Physical Review C, 2013, 87, .	2.9	47
111	The electric dipole response of exotic nuclei. Physica Scripta, 2013, T152, 014012.	2.5	82
112	Search for evidence of \hat{I} by observing ^{23}O beyond the neutron drip line: The unbound oxygen isotopes ^{24}O and ^{25}O . Physical Review C, 2013, 88, .	2.9	77
113	Quasifree ^{26}O . Physical Review C, 2013, 88, .	2.9	93
114			

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127	The FIRST experiment at GSI. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 678, 130-138.	1.6	30
128	Production of hypernuclei in peripheral HI collisions: The HypHI project at GSI. Nuclear Physics A, 2012, 881, 218-227.	1.5	40
129	Storage ring at HIE-ISOLDE. European Physical Journal: Special Topics, 2012, 207, 1-117.	2.6	101
130	Matter radii of ^{32}O and ^{35}S . Physical Review C, 2011, 83, .	2.9	32
131	Structure of ^{22}N and the $N=14$ subshell. Physical Review C, 2011, 83, .	2.9	13
132	Isospin-dependent multifragmentation of relativistic projectiles. Physical Review C, 2011, 83, .	2.9	88
133	Prototyping and tests for an MRPC-based time-of-flight detector for 1 GeV neutrons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 654, 79-87.	1.6	11
134	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
135	Exploring the anomaly in the interaction cross section and matter radius of ^{23}O . Physical Review C, 2011, 84, .	2.9	52
136	Target dependence in the study of collective modes in stable and exotic Ni nuclei. Journal of Physics: Conference Series, 2010, 202, 012035.	0.4	0
137	$^{96}\text{Ru}(p, \hat{1}^3)^{97}\text{Rh}$ measurement at the GSI storage ring. Journal of Physics: Conference Series, 2010, 202, 012011.	0.4	33
138	The unbound isotopes ^9He and ^{10}He . Nuclear Physics A, 2010, 842, 15-32.	1.5	64
139	Structure of ^{33}Mg sheds new light on the ^{20}N island of inversion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 685, 253-257.	4.1	36
140	One-neutron knockout from ^{24}Ne isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 687, 26-30.	4.1	4
141	The HypHI Phase 0 experiment. Nuclear Physics A, 2010, 835, 110-116.	1.5	12
142	Three-body correlations in the decay of ^{10}He and ^{13}Li . Nuclear Physics A, 2010, 847, 66-88.	1.5	47
143	One-neutron knockout from light neutron-rich nuclei at relativistic energies. Physical Review C, 2010, 82, .	2.9	20
144	One-Neutron Removal Measurement Reveals ^{24}O as a New Doubly Magic Nucleus. Physical Review Letters, 2009, 102, 152501.	7.8	184

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145	Isotopic dependence of the caloric curve. Progress in Particle and Nuclear Physics, 2009, 62, 407-412.	14.4	2
146	Position reconstruction in large-area scintillating fibre detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 608, 331-335.	1.6	10
147	Structure of ^{55}Ti from relativistic one-neutron knockout. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 675, 22-27.	4.1	24
148	Properties of the ^7He ground state from ^8He neutron knockout. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 679, 191-196.	4.1	50
149	Search for the Pygmy Dipole Resonance in ^{68}Ni at ^{600}MeV	7.8	229
150	Isotopic Dependence of the Nuclear Caloric Curve. Physical Review Letters, 2009, 102, 152701.	7.8	65
151	Lithium isotopes beyond the drip line. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 666, 430-434.	4.1	79
152	Discriminant analysis and secondary-beam charge recognition. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 587, 413-419.	1.6	8
153	Giant Resonances in Exotic Nuclei Experimental Status and Perspectives. Nuclear Physics A, 2008, 805, 198c-209c.	1.5	8
154	N/Z DEPENDENCE OF PROJECTILE FRAGMENTATION. International Journal of Modern Physics E, 2008, 17, 1838-1849.	1.0	21
155	Measurement of the fluence response of the GSI neutron ball in high-energy neutron fields produced by 500 AMeV and 800 AMeV deuterons. Radiation Protection Dosimetry, 2008, 132, 360-360.	0.8	1
156	Coincidence Measurement of Residues and Light Particles in the Reaction $^{56}\text{Fe} + p$ at 1 GeV per Nucleon with the Spallation Reactions Setup SPALADIN. Physical Review Letters, 2008, 100, 022701.	7.8	33
157	Measurement of the fluence response of the GSI neutron ball in high-energy neutron fields produced by 500 AMeV and 800 AMeV deuterons. Radiation Protection Dosimetry, 2007, 126, 497-500.	0.8	10
158	Nuclear symmetry energy and neutron skins derived from pygmy dipole resonances. Physical Review C, 2007, 76, .	2.9	334
159	Systematic investigation of the drip-line nuclei ^{11}Li and ^{14}Be and their unbound subsystems ^{10}Li and ^{13}Be . Nuclear Physics A, 2007, 791, 267-302.	1.5	113
160	Dipole response of neutron-rich Sn isotopes. Nuclear Physics A, 2007, 788, 145-152.	1.5	25
161	Prospects of nuclear structure at the future GSI accelerators. Progress in Particle and Nuclear Physics, 2007, 59, 3-21.	14.4	46
162	Gross Properties and Isotopic Phenomena in Spectator Fragmentation. Nuclear Physics A, 2007, 787, 627-632.	1.5	7

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163	Exclusive measurements on at 1AGev with the SPALADIN setup at GSI. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 562, 743-746.	1.6	6
164	Nuclear structure at the dripline. Nuclear Physics A, 2005, 752, 289-298.	1.5	4
165	Coulomb breakup of ^{23}O . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 605, 79-86.	4.1	49
166	Neutron yields from 1GeV/nucleon ^{238}U ion beams on Fe target. Nuclear Instruments & Methods in Physics Research B, 2005, 240, 863-870.	1.4	12
167	Mass and Isospin Effects in Multifragmentation. Nuclear Physics A, 2005, 749, 83-92.	1.5	15
168	Three-body correlations in electromagnetic dissociation of Borromean nuclei: The ^6He case. Nuclear Physics A, 2005, 759, 23-42.	1.5	32
169	Reactions with fast radioactive beams of neutron-rich nuclei. European Physical Journal A, 2005, 26, 441-478.	2.5	90
170	One-neutron knockout of ^{23}O . European Physical Journal A, 2005, 25, 343-346.	2.5	7
171	Studies of light neutron-rich nuclei near the drip line. European Physical Journal A, 2005, 25, 339-341.	2.5	4
172	Evidence for Pygmy and Giant Dipole Resonances in ^{130}Sn and ^{132}Sn . Physical Review Letters, 2005, 95, 132501.	7.8	327
173	Coulomb breakup of psd-shell neutron-rich nuclei. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1583-S1587.	3.6	1
174	Structure of neutron-rich oxygen isotopes. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1629-S1632.	3.6	2
175	Studies of light neutron-rich nuclei near the drip line. , 2005, , 339-341.		0
176	One-neutron knockout of ^{23}O . , 2005, , 343-346.		0
177	Shell Structure of the Near-Dripline Nucleus ^{23}O . Physical Review Letters, 2004, 93, 062501.	7.8	78
178	Evidence for Multiphonon Giant Resonances in Electromagnetic Fission of ^{238}U . Physical Review Letters, 2004, 92, 112502.	7.8	6
179	Dipole excitations of neutron-proton asymmetric nuclei. Nuclear Physics A, 2004, 731, 235-248.	1.5	17
180	Coulomb breakup of secondary beams of neutron-rich nuclei. Nuclear Physics A, 2004, 738, 45-51.	1.5	2

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181	^{11}Be continuum studied through proton scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 596, 54-60.	4.1	23
182	Two- and three-body correlations: breakup of halo nuclei. Nuclear Physics A, 2004, 734, 323-326.	1.5	26
183	Nuclear structure of light exotic nuclei from break-up reactions. Nuclear Physics A, 2004, 746, 479-482.	1.5	4
184	The Super-FRS project at GSI. Nuclear Instruments & Methods in Physics Research B, 2003, 204, 71-85.	1.4	257
185	Coulomb breakup of the neutron-rich isotopes ^{15}C and ^{17}C . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 551, 63-70.	4.1	105
186	Searching for the 5H resonance in the $t+n+n$ system. Nuclear Physics A, 2003, 723, 13-31.	1.5	48
187	Exclusive measurement of breakup reactions with the one-neutron halo nucleus ^{11}Be . Physical Review C, 2003, 68, .	2.9	154
188	Two-phonon giant resonances in ^{136}Xe , ^{208}Pb , and ^{238}U . Physical Review C, 2003, 68, .	2.9	37
189	Low-lying $E1$ strength in ^{20}O . Physical Review C, 2003, 67, .	2.9	47
190	The $t+n+n$ System and ^5H . Physical Review Letters, 2003, 91, 162504.	7.8	35
191	Low-Lying Dipole Strength In ^{20}O . AIP Conference Proceedings, 2003, , .	0.4	0
192	$^6,^8\text{He}$: a comparative study of fragmentation reactions. , 2003, , 178-179.		0
193	Low-lying resonance states in ^7He . , 2003, , 227-228.		0
194	The dipole response of nuclei with large neutron excess. , 2003, , 159-159.		0
195	Fragmentation of exotic oxygen isotopes. Brazilian Journal of Physics, 2003, 33, 328-332.	1.4	0
196	Evidence for a New Low-Lying Resonance State in ^7He . Physical Review Letters, 2002, 88, 102501.	7.8	67
197	Electromagnetically Induced Nuclear-Charge Pickup Observed in Ultrarelativistic Pb Collisions. Physical Review Letters, 2002, 88, 042301.	7.8	19
198	Fragmentation of unstable neutron-rich oxygen beams. Physical Review C, 2002, 65, .	2.9	20

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199	Low-lying dipole strength in ^{200}O . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 541, 52-58.	4.1	50
200	$^8\text{He} \rightarrow ^6\text{He}$: a comparative study of electromagnetic fragmentation reactions. Nuclear Physics A, 2002, 700, 3-16.	1.5	37
201	Measurement of the dipole response of neutron-rich nuclei in the $A \approx 20$ region. Nuclear Physics A, 2002, 701, 199-203.	1.5	2
202	Photoneutron Cross Sections for Unstable Neutron-Rich Oxygen Isotopes. Physical Review Letters, 2001, 86, 5442-5445.	7.8	190
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