

Roberto Menegazzo

List of Publications by Year in descending order

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Version: 2024-02-01

313
papers

7,655
citations

53794

45
h-index

82547

72
g-index

320
all docs

320
docs citations

320
times ranked

2995
citing authors

#	ARTICLE	IF	CITATIONS
1	New narrow resonances observed in the unbound nucleus F_{15} . Physical Review C, 2022, 105, .	2.9	7
2	Probing isospin mixing with the giant dipole resonance in the Zn60 compound nucleus. Physical Review C, 2021, 103, .	2.9	4
3	Octupole correlations near ^{219}Te . Characterization of the LUNA neutron detector array for the measurement of the $^{13}\text{C}(\alpha, n)^{16}\text{O}$ reaction. Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.9	5
4		1.6	21
5	Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 9 Manifestation of the Berry phase in the atomic nucleus ^{213}Pb . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136183.	4.1	8
6	High-spin intruder states in the mirror nuclei ^{31}S and ^{31}P . Physical Review C, 2021, 104, .	2.9	6
7	Low-energy resonances in the ^{44}Tc nucleus. Physical Review C, 2021, 104, .	2.9	6
8	Transition probabilities in ^{31}P and ^{31}S : A test for isospin symmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 821, 136603.	2.9	13
9	The GALILEO ^{13}C -ray array at the Legnaro National Laboratories. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1015, 165753.	4.1	5
10		1.6	21
11	^{66}Zn and properties of its first excited ^{66}Zn state. Physical Review C, 2021, 104, .	2.9	19
12	Direct Measurement of the $^{13}\text{C}(\alpha, n)^{16}\text{O}$ reaction. Physical Review C, 2021, 104, .	7.8	40
13	Shell-model multiplets ^{212}Po rather than ^{212}O . Physical Review C, 2021, 104, .	2.9	2
14	Shape coexistence in neutron-deficient ^{188}Hg investigated via lifetime measurements. Physical Review C, 2020, 102, .	2.9	11
15	Low-lying electric dipole $^{62,64}\text{Fe}$ nuclei: Strength evolution with neutron number. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135951.	4.1	6
16	The baryon density of the Universe from an improved rate of deuterium burning. Nature, 2020, 587, 210-213.	27.8	101
17	Lifetime measurements using a plunger device and the EUCLIDES Si array at the GALILEO ^{13}C -ray spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1015, 165753.	1.6	5
18	Underground experimental study finds no evidence of low-energy resonance in the $^{6}\text{Li}(\alpha, n)^{9}\text{Be}$ reaction. Physical Review C, 2020, 102, .	2.9	12

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19	Population of lead isotopes in binary reactions using a Rb^{94} radioactive beam. Physical Review C, 2020, 102, .	2.9	6
20	Pairing-quadrupole interplay in the neutron-deficient tin nuclei: First lifetime measurements of low-lying states in $^{106,108}\text{Sn}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 806, 135474.	4.1	16
21	Benchmarking the PreSPEC@GSI experiment for Coulex-multipolarimetry on the $(p_{3/2}) \rightarrow \pi(p_{1/2})$ spin-flip transition in ^{85}Br . European Physical Journal A, 2020, 47, 120101.	2.5	4
22	Investigating the nuclear structure in neutron-rich nuclei: Lifetime measurements of second state in ^{16}C and ^{16}O . Physical Review Letters, 2020, 124, 062501.	2.9	14
23	A new approach to monitor ^{13}C -targets degradation in situ for $^{13}\text{C}(\alpha, n)^{16}\text{O}$ reaction. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 914, 64-68.	2.5	20
24	Shower of β^3 rays in the decay of the $49/2^+$ isomeric state in $\text{Gd}147$. Physical Review C, 2020, 101, .	2.9	2
25	Isospin Properties of Nuclear Pair Correlations from the Level Structure of the Self-Conjugate Nucleus ^{88}Ru . Physical Review Letters, 2020, 124, 062501.	7.8	24
26	Setup commissioning for an improved measurement of the $\text{D}(p, \gamma)^3\text{He}$ cross section at Big Bang Nucleosynthesis energies. European Physical Journal A, 2020, 56, 1.	2.5	22
27	g factor of the ^{12}K -isomer in ^{174}W . European Physical Journal A, 2020, 56, .	2.5	0
28	A powerful combination measurement for exploring the fusion reaction mechanisms induced by weakly bound nuclei. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 914, 64-68.	1.6	6
29	Measurement of the ^{133}Ba and high-spin structure of ^{134}Ba . Physical Review C, 2019, 100, 014307.	2.9	11
30	Evidence of octupole-phonons at high spin in ^{207}Pb . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134797.	4.1	6
31	Cross-section Measurement of the Cosmologically Relevant $^7\text{Be}(n, \hat{1}\pm)^4\text{He}$ Reaction over a Broad Energy Range in a Single Experiment. Astrophysical Journal, 2019, 879, 23.	4.5	49
32	Direct measurements of low-energy resonance strengths of the $^{23}\text{Na}(p, \hat{1}^3)^{24}\text{Mg}$ reaction for astrophysics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 122-128.	4.1	23
33	Isospin dependence of electromagnetic transition strengths among an isobaric triplet. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134835.	4.1	10
34	Cross section of the reaction $^{18}\text{O}(p, \hat{1}^3)^{19}\text{F}$ at astrophysical energies: The 90 keV resonance and the direct capture component. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134900.	4.1	18
35	A new dedicated plunger device for the GALILEO ^{20}Si -ray detector array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 920, 95-99.	1.6	16
36	Improved astrophysical rate for the $^{18}\text{O}(p, \hat{1}\pm)^{15}\text{N}$ reaction by underground measurements. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 237-242.	4.1	22

#	ARTICLE	IF	CITATIONS
37	Microscopic information on ^{211}Po and ^{213}Po from α -ray spectroscopy. Physical Review C, 2019, 100, .	2.9	9
38	Effects of one valence proton on seniority and angular momentum of neutrons in neutron-rich ^{126}Po and ^{126}Pb isotopes. Physical Review C, 2019, 99, .	2.5	13
39	The 4π highly-efficient light-charged-particle detector EUCLIDES, installed at the GALILEO array for in-beam γ -ray spectroscopy. European Physical Journal A, 2019, 55, 1.	2.5	23
40	Study of the neutron-rich region in the vicinity of ^{208}Pb via multinucleon transfer reactions. EPJ Web of Conferences, 2019, 223, 01012.	0.3	1
41	Lifetime measurements in ^{52}Ti to study shell evolution toward $N=32$. Physical Review C, 2019, 100, .	2.9	14
42	Lifetime measurements of short-lived excited states, and shape changes in ^{69}As and ^{66}Ge nuclei. Physical Review C, 2019, 100, .	2.9	2
43	Identification of high-spin proton configurations in ^{136}Ba and ^{137}Ba . Physical Review C, 2019, 99, .	2.9	5
44	The HEAT Project: Study of Hydrogen Desorption from Carbon Targets. Springer Proceedings in Physics, 2019, , 343-346.	0.2	1
45	The Cosmologically Relevant $^{7}\text{Be}(n, \alpha)^{4}\text{He}$ Reaction in View of the Recent THM Investigations. Springer Proceedings in Physics, 2019, , 53-56.	0.2	0
46	High resolution gamma-ray spectrometry using GALILEO array. Eurasian Journal of Physics and Functional Materials, 2019, 3, 84-90.	0.6	0
47	Quadrupole collectivity in ^{42}Ca from low-energy Coulomb excitation with AGATA. Physical Review C, 2018, 97, .	2.9	22
48	Search for time modulations in the decay constant of ^{40}K and ^{226}Ra at the underground Gran Sasso Laboratory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 61-65.	4.1	13
49	Study of isomeric states in $^{198,200,202,206}\text{Pb}$ and ^{206}Hg populated in fragmentation reactions. Journal of Physics C: Nuclear and Particle Physics, 2018, 45, 035105.	3.6	5
50	Improved background suppression for radiative capture reactions at LUNA with HPGe and BGO detectors. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 025203.	3.6	30
51	Transition probabilities in neutron-rich ^{80}Se and ^{82}Se and the role of the $g_{7/2}$ orbital. Physical Review C, 2018, 97, .	2.9	5
52	A high-efficiency gas target setup for underground experiments, and redetermination of the branching ratio of the 189.5 keV $^{22}\text{Ne}(p, \gamma)^{23}\text{Na}$ resonance. European Physical Journal A, 2018, 54, 1.	2.5	39
53	Rotational Symmetry and Microscopic Origin of Shape Coexistence in the ^{78}Ni Isomers. Physical Review Letters, 2018, 121, 082501.	7.8	20
54	Millisecond ^{23}Ni isomers in the ^{23}Ni isotones ^{23}Ni and ^{23}Co . Physical Review C, 2018, 97, .	2.9	49
	^{136}Xe isotones ^{136}Xe and ^{136}Ba . Physical Review C, 2018, 97, .		

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55	Direct Capture Cross Section and the $^{22}\text{Ne}(p, \text{p}^3)^{23}\text{Ne}$ and $^{105}\text{Å}^{\text{eV}}$ Resonances in the $^{22}\text{Ne}(p, \text{p}^3)^{23}\text{Na}$ and $^{14}\text{N}(p, \text{p}^3)^{15}\text{O}$. Physical Review Letters, 2018, 121, 172701.	7.8	30
56	High-spin structure in the transitional nucleus Xe131 : Competitive neutron and proton alignment in the vicinity of the N=82 shell closure. Physical Review C, 2018, 98, .	2.9	14
57	Effect of beam energy straggling on resonant yield in thin gas targets: The cases $^{22}\text{Ne}(p, \text{p}^3)^{23}\text{Na}$ and $^{14}\text{N}(p, \text{p}^3)^{15}\text{O}$. Europhysics Letters, 2018, 122, 52001.	2.0	13
58	Origin of meteoritic stardust unveiled by a revised proton-capture rate of ^{17}O . Nature Astronomy, 2017, 1, .	10.1	64
59	Big Bang ^6Li nucleosynthesis studied deep underground (LUNA collaboration). Astroparticle Physics, 2017, 89, 57-65.	4.3	37
60	Conceptual design of the AGATA array at GANIL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 855, 1-12.	1.6	64
61	Measurement of the ^{135}Xe isotones ^{135}Xe and ^{135}Ba . Physical Review C, 2017, 95, .	2.9	10
62	Measurement of the $^{17}\text{O}(p, \text{p}^3)^{14}\text{N}$ cross section from 5 keV to 1.5 MeV in a single experiment using the Trojan horse method. Physical Review C, 2017, 95, .	2.9	30
63	The impact of the revised $^{17}\text{O}(p, \text{p}^3)^{14}\text{N}$ reaction rate on ^{17}O stellar abundances and yields. Astronomy and Astrophysics, 2017, 598, A128.	5.1	25
64	First measurement with a new setup for low-energy Coulomb excitation studies at INFN LNL. Physica Scripta, 2017, 92, 074001.	2.5	5
65	^{22}Ne and ^{23}Na ejecta from intermediate-mass stars: the impact of the new LUNA rate for $^{22}\text{Ne}(p, \text{p}^3)^{23}\text{Na}$. Monthly Notices of the Royal Astronomical Society, 2017, 473, 1-12.	4.4	40
66	Neutron effective single-particle energies above ^{51}Ni : A hint from lifetime measurements in the ^{51}Ni isotones ^{51}Fe and ^{51}Co . Physical Review C, 2017, 96, .	2.9	4
67	High-spin structures in ^{132}Xe and ^{133}Xe and evidence for isomers along the N=79 isotones. Physical Review C, 2017, 96, .	2.9	9
68	High-spin states and lifetimes in ^{33}S and shell-model interpretation in the $sd\hat{a}^{\text{fp}}$ space. Physical Review C, 2017, 96, .	2.9	4
69	In-beam $^{\text{p}^3}$ -ray spectroscopy of the neutron-rich platinum isotope ^{200}Pt toward the ^{200}Pt isotones ^{200}Pt and ^{200}Au . Physical Review Letters, 2017, 118, 162501.	2.9	12
70	Boundary of the Island of Deformat. Physical Review Letters, 2017, 118, 162501.	7.8	31
71	The Trojan Horse Method for nuclear astrophysics and its recent applications. EPJ Web of Conferences, 2017, 165, 01032.	0.3	4

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73	New direct measurement of the $^{10}\text{B}(p, \hat{1}\pm)^7\text{Be}$ reaction with the activation technique. EPJ Web of Conferences, 2017, 165, 01021.	0.3	0
74	The $^{10}\text{B}(p, \hat{1}\pm)^7\text{Be}$ S(E)-factor from 5 keV to 1.5 MeV using the Trojan Horse Method. EPJ Web of Conferences, 2017, 165, 01042.	0.3	0
75	g-factor measurements of isomeric states in ^{174}W . EPJ Web of Conferences, 2016, 117, 04007.	0.3	0
76	Improved Direct Measurement of the 64.5 keV Resonance Strength in the $\langle \text{mml:mrow} \langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \langle \text{mml:mrow} \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{O} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 17 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \langle \text{mml:mo}$		

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91	Spin distribution measurement for $^{64}\text{Ni} + ^{100}\text{Mo}$ at near and above barrier energies. EPJ Web of Conferences, 2015, 86, 00053.	0.3	2
92	states in ^{90}Zr populated via $^{90}\text{Zr} + ^{40}\text{Ca}$ reaction relevant for explosive hydrogen burning. Physical Review C, 2015, 91.	2.9	33
93	Precise measurement of the ^{222}Rn half-life: A probe to monitor the stability of radioactivity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 526-530.	2.9	26
94	Precise measurement of the ^{222}Rn half-life: A probe to monitor the stability of radioactivity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 526-530.	4.1	29
95	Analyzing power of AGATA triple clusters for gamma-ray linear polarization. European Physical Journal A, 2015, 51, 1.	2.5	11
96	Resonance strengths in the $^{17}\text{O}(p, \hat{1}\pm)^{14}\text{N}$ reactions and background suppression underground. European Physical Journal A, 2015, 51, 1.	2.5	37
97	Total natural radioactivity, Veneto (Italy). Journal of Maps, 2015, 11, 545-551.	2.0	16
98	Search for time modulations in the decay rate of ^{40}K and ^{232}Th . Physical Review C, 2015, 91, 014807.	4.3	14
99	The AGATA commissioning campaign at LNL. EPJ Web of Conferences, 2014, 66, 11012.	0.3	2
100	New Isomers in the Neutron-Rich Region Beyond ^{208}Pb . EPJ Web of Conferences, 2014, 66, 02043.	0.3	0
101	Measurement of the $^{25}\text{Mg}(\hat{1}\pm, n)^{28}\text{Si}$ reaction cross section at LNL. EPJ Web of Conferences, 2014, 66, 07002.	0.3	0
102	AGATA modules as Compton polarimeters for the measurement of gamma-ray linear polarisation. EPJ Web of Conferences, 2014, 66, 11004.	0.3	2
103	Pygmy dipole resonance in ^{124}Sn populated by inelastic scattering of ^{17}O . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 519-523.	4.1	57
104	Underground study of the $^{18}\text{O} + ^{18}\text{O}$ reaction relevant for explosive hydrogen burning. Physical Review C, 2014, 89, .	2.9	53
105	A new study of the $^{22}\text{Ne}(p, \hat{1}^3)^{23}\text{Na}$ reaction deep underground: Feasibility, setup and first observation of the 186 keV resonance. European Physical Journal A, 2014, 50, 1.	2.5	46
106	A new study of $^{25}\text{Mg}(\alpha, n)^{28}\text{Si}$ angular distributions at $E_{\alpha} = 3-5$ MeV. European Physical Journal A, 2014, 50, 1.	2.5	6
107	High-spin level structure of ^{35}S . Physical Review C, 2014, 89, .	2.9	14
108	^{12}C -decay studies of neutron-rich Tl, Pb, and Bi isotopes. Physical Review C, 2014, 89, .	2.9	32

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109	Character of Low-Lying Pygmy Dipole States in ^{208}Pb . <i>Physical Review C</i> , 2014, 90, 014307.	7.8	59
110	Isomeric decay spectroscopy of the ^{217}Bi isotope. <i>Physical Review C</i> , 2014, 90, 014308.	2.9	8
111	First Direct Measurement of the ^{217}Os Isomeric Decay. <i>Physical Review Letters</i> , 2014, 113, 082501.	2.9	23
112	Cross-section measurements at astrophysically relevant energies: The LUNA experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 742, 258-260.	7.8	95
113	Lifetime Measurements of Short Lived States in ^{69}As . <i>Acta Physica Polonica B</i> , 2014, 45, 235.	1.6	2
114	The worldwide NORM production and a fully automated gamma-ray spectrometer for their characterization. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 295, 445-457.	0.8	2
115	IMPACT OF A REVISED $^{25}\text{Mg}(p, \hat{1}^3)^{26}\text{Al}$ REACTION RATE ON THE OPERATION OF THE Mg-Al CYCLE. <i>Astrophysical Journal</i> , 2013, 763, 100.	1.5	62
116	Total natural radioactivity, Tuscany, Italy. <i>Journal of Maps</i> , 2013, 9, 438-443.	4.5	52
117	New $\hat{1}^3_{4s}$ isomers in the neutron-rich ^{210}Hg nucleus. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 725, 292-296.	2.0	11
118	Neutron-induced background by an $\hat{1}^{\pm}$ -beam incident on a deuterium gas target and its implications for the study of the $2\text{H}(\hat{1}^{\pm}, \hat{1}^3)^6\text{Li}$ reaction at LUNA. <i>European Physical Journal A</i> , 2013, 49, 1.	4.1	18
119	First characterisation of natural radioactivity in building materials manufactured in Albania. <i>Radiation Protection Dosimetry</i> , 2013, 155, 217-223.	2.5	31
120	Search for correlations between solar flares and decay rate of radioactive nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 720, 116-119.	0.8	19
121	A multivariate spatial interpolation of airborne $\hat{1}^3$ -ray data using the geological constraints. <i>Remote Sensing of Environment</i> , 2013, 137, 1-11.	4.1	24
122	Lifetime Measurements of Short Lived States in ^{66}Ge . <i>Acta Physica Polonica B</i> , 2013, 44, 501.	11.0	23
123	Lifetime Measurements in Neutron-rich Cu Isotopes. <i>Acta Physica Polonica B</i> , 2013, 44, 505.	0.8	2
124	Towards the Determination of Superdeformation in ^{42}Ca . <i>Acta Physica Polonica B</i> , 2013, 44, 617.	0.8	5
125	Collective nature of low-lying excitations in ^{70}Zn and ^{72}Zn from lifetime measurements using the AGATA spectrometer demonstrator. <i>Physical Review C</i> , 2013, 87, .	2.9	59
126			

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127	<p>display="inline"><math>K</math> hindrance probed by the decay of the warm rotating ^{174}W nucleus. Physical Review C, 2013, 88, .</p>	2.9	11
128	Lifetime measurements in neutron-rich $^{63,65}\text{Co}$ isotopes using the AGATA demonstrator. Physical Review C, 2013, 88, .	2.9	15
129	STUDY OF THE TIME DEPENDENCE OF RADIOACTIVITY. Acta Polytechnica, 2013, 53, 524-527.	0.6	0
130	Toward the $N=40$ sub-shell closure in Co isotopes and the new island of inversion. Physica Scripta, 2012, T150, 014034.	2.5	4
131	Lifetime measurements of high-lying short lived states in ^{69}As . , 2012, , .		0
132	First Direct Measurement of the ^{17}O β decay. Physical Review C, 2012, 85, .	2.9	61
133	^{18}F spectroscopy of calcium nuclei around doubly magic ^{48}Ca using heavy-ion transfer reactions. Physical Review C, 2012, 85, .	2.9	56
134	Spectroscopy of odd-mass cobalt isotopes toward the $N=40$ subshell closure and shell-model description of spherical and deformed states. Physical Review C, 2012, 85, .	2.9	61
135	New Isomers in the Full Seniority Scheme of Neutron-Rich Lead Isotopes: The Role of Effective Three-Body Forces. Physical Review Letters, 2012, 109, 162502.	7.8	56
136	Lifetime measurement of the 6.79 MeV state in ^{15}O with the AGATA demonstrator. , 2012, , .		2
137	^{102}Y decay produced in projectile fission of ^{238}U . Journal of Physics: Conference Series, 2012, 381, 012053.	0.4	1
138	Spectroscopy of neutron-rich Co nuclei populated in the $^{70}\text{Zn}+^{238}\text{U}$ reaction. Journal of Physics: Conference Series, 2012, 381, 012082.	0.4	0
139	First measurement of beta decay half-lives in neutron-rich Tl and Bi isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 715, 293-297.	4.1	34
140	Lifetime measurement of the 6.79 MeV state in ^{15}O with the AGATA demonstrator. AIP Conference Proceedings, 2012, , .	0.4	0
141	High-spin structure in ^{40}K . Physical Review C, 2012, 86, .	2.9	7
142	High-spin structure and intruder excitations in ^{36}Cl . Physical Review C, 2012, 86, .	2.9	14
143	Preparation and characterisation of isotopically enriched Ta_2O_5 targets for nuclear astrophysics studies. European Physical Journal A, 2012, 48, 1.	2.5	43
144	A new FSA approach for in situ ^{13}C ray spectroscopy. Science of the Total Environment, 2012, 414, 639-645.	8.0	47

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145	AGATAâ€™ Advanced GAMMA Tracking Array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 668, 26-58.	1.6	378
146	The $^{25}\text{Mg}(p, \hat{1}^3)^{26}\text{Al}$ reaction at low astrophysical energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 60-65.	4.1	64
147	Search for time dependence of the ^{137}Cs decay constant. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 114-117.	4.1	37
148	Lifetime measurements in mirror nuclei ^{31}S and ^{31}P : A test for isospin mixing. Journal of Physics: Conference Series, 2011, 267, 012048.	0.4	6
149	Isomers in neutron-rich lead isotopes populated via the fragmentation of ^{238}U at 1 GeV A. Journal of Physics: Conference Series, 2011, 312, 092026.	0.4	1
150	Revision of the $^{15}\text{N}(p, \hat{1}^3)^{16}\text{O}$ reaction rate and oxygen abundance in H-burning zones. Astronomy and Astrophysics, 2011, 533, A66.	5.1	38
151	Conceptual design and infrastructure for the installation of the first AGATA sub-array at LNL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 654, 88-96.	1.6	117
152	Electromagnetic properties of vibrational bands in ^{170}Er . European Physical Journal A, 2011, 47, 1.	2.5	7
153	HPGe detectors long time behaviour in high-resolution $\hat{1}^3$ spectrometry. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 648, 132-138.	1.6	9
154	Probing the nature of particleâ€™core couplings in ^{49}Ca with $\hat{1}^3$ spectroscopy and heavy-ion transfer reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 288-293.	4.1	48
155	Spin, quadrupole moment, and deformation of the magnetic-rotational band head in ^{208}Pb . The ^{208}Pb spin, quadrupole moment, and deformation of the magnetic-rotational band head in ^{208}Pb . Physical	2.9	8
156			

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163	<p> http://www.w3.org/1998/Math/MathML $\langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{Dy} \langle \text{mml:mprescripts} \rangle$ $\langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 168 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle , \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 170 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mprescripts} \rangle$ </p> <p> http://www.w3.org/1998/Math/MathML $\langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{S} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{factor of} \langle \text{mml:math} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle$ </p>	2.9	29
164	<p> http://www.w3.org/1998/Math/MathML $\langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{N} \langle \text{mml:mprescripts} \rangle \langle \text{mml:mn} \rangle 15 \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mo} \rangle$ </p>		

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181	Nuclear spectroscopy near the proton drip line in the lanthanide region: The ^{122}La nucleus. European Physical Journal A, 2008, 38, 43-51.	2.5	1
182	Ground state capture in $^{14}\text{N}(p, \hat{1}^3)^{15}\text{O}$ studied above the 259 keV resonance at LUNA. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014019.	3.6	2
183	Measurement of $^{25}\text{Mg}(p, \hat{1}^3)^{26}\text{Al}$ resonance strengths via gamma spectrometry. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014013.	3.6	7
184	Comparison of the LUNA $^3\text{He}(\hat{1}^{\pm}, \hat{1}^3)^7\text{Be}$ activation results with earlier measurements and model calculations. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014002.	3.6	2
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202

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