Zoltan Elekes

List of Publications by Year
in descending order

212	5,088	61984	123424
papers	citations	43 h-index	61 g-index

217	217	217	2365
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Isotopic cross sections of fragmentation residues produced by light projectiles on carbon near <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>400</mml:mn><mml:mi>A</mml:mi></mml:mrow></mml:math> MeV. Physical Review C, 2022, 105, .	2.9	2
2	Calibration of micro-channel plate detector in a Thomson spectrometer for protons and carbon ions with energies below 1 MeV. Review of Scientific Instruments, 2022, 93, .	1.3	3
3	First spectroscopic study of 51Ar by the (p,2p) reaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 814, 136108.	4.1	5
4	First spectroscopic study of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">V</mml:mi><mml:mprescripts /><mml:none /><mml:mn>63</mml:mn></mml:mmultiscripts></mml:math> at the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>40</mml:mn>	2.9	4
5	<mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none /><mml:mn>18</mml:mn></mml:mmultiscripts></mml:math> (<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 572 Td (x	2.9	13
6	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
7	display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">C</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>13</mml:mn></mml:mrow></mml:mmultiscripts><mml:mo stretchy="false">(</mml:mo><mml:mi>Î±</mml:mi><mml:mo>,</mml:mo><mml:mi>n</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgBT	7.8	40
8	The baryon density of the Universe from an improved rate of deuterium burning. Nature, 2020, 587, 210-213.	27.8	101
9	Probing the Zâ€¯=â€¯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
10	Underground experimental study finds no evidence of low-energy resonance in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Li</mml:mi><mml:mprescripts /><mml:none /><mml:mn>6</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>p</mml:mi><mml:mo>,</mml:mo><mml:mi>Î³</mml:mi></mml:m /><mml:none /><mml:mn>7</mml:mn></mml:mmultiscripts></mml:mrow></mml:math>reaction. Physical Review C, 2020, 102, .	2.9	18
11	A new approach to monitor $$^{13}hbox {C}$$-targets degradation in situ for $$^{13}hbox {C}(alpha) Tj ETQq1 1 0.784314 rgBT /O 56, 1.	2.5	20
12	Extending the Southern Shore of the Island of Inversion to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">F</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>28</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>. Physical Review Letters, 2020, 124, 152502.	7.8	26
13	Setup commissioning for an improved measurement of the D(p,$$gamma $$)^{3}He cross section at Big Bang Nucleosynthesis energies. European Physical Journal A, 2020, 56, 1.	2.5	22
14	Quasi-free neutron and proton knockout reactions from light nuclei in a wide neutron-to-proton asymmetry range. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 682-688.	4.1	18
15	Direct measurements of low-energy resonance strengths of the 23Na(p,Î³)24Mg reaction for astrophysics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 122-128.	4.1	23
16	Cross section of the reaction 18O(p,Î³)19F 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
17	Improved astrophysical rate for the 18O(p,Î±)15N reaction by underground measurements. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 237-242.	4.1	22
18	High precision half-life measurement of 125Cs and 125Xe with Î³-spectroscopy. Nuclear Physics A, 2019, 986, 213-222.	1.5	3

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19	Nuclear structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mn>76</mml:mn></mml:mmultiscripts></mml:math> from the (<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlo	2.9	11
20	Strong Neutron Pairing in core+4n Nuclei. Physical Review Letters, 2018, 120, 152504.	7.8	9
21	Quasifree (<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 682 Td (d Reactions on Oxygen Isotopes: Observation of Isospin Independence of the Reduced Single-Particle Strength. Physical Review Letters, 2018, 120, 052501.	7.8	69
22	Quasifree (<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 637 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mro xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>14</mml:n Physical Review C, 2018, 97, .	2.9	15
23	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
24	A high-efficiency gas target setup for underground experiments, and redetermination of the branching ratio of the 189.5 keV 22Ne(p, $gamma$ Î³)23Na resonance. European Physical Journal A, 2018, 54, 1.	2.5	39
25	The Feasibility of Studying44Ti(Î±, p)47V Reaction at Astrophysical Energies. Journal of Physics: Conference Series, 2018, 940, 012028.	0.4	0
26	Direct Capture Cross Section and the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>E</mml:mi></mml:mrow><mml:mrow><mml:mi>p</mml:mi></mml:n and 105ÂkeV Resonances in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Ne</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mn>22</mml:mn>... Physical Review Letters, 2018, 121, 172701.	7.8	30
27	Structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Be</mml:mi><mml:mprescripts /><mml:none /><mml:mn>13</mml:mn></mml:mmultiscripts></mml:math> studied in proton knockout from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">B</mml:mi><mml:mprescripts /><mml:none ...	2.9	9
28	Effect of beam energy straggling on resonant yield in thin gas targets: The cases²²Ne(p,<i>Î³</i>)²³Na and¹⁴N(p,<i>Î³</i>)¹⁵O. Europhysics Letters, 2018, 122, 52001.	2.0	13
29	Origin of meteoritic stardust unveiled by a revised proton-capture rate of 17O. Nature Astronomy, 2017, 1, .	10.1	64
30	Big Bang 6 Li nucleosynthesis studied deep underground (LUNA collaboration). Astroparticle Physics, 2017, 89, 57-65.	4.3	37
31	The impact of the revised¹⁷O(p,<i>Î±</i>)¹⁴N reaction rate on¹⁷O stellar abundances and yields. Astronomy and Astrophysics, 2017, 598, A128.	5.1	25
32	²²Ne and²³Na ejecta from intermediate-mass stars: the impact of the new LUNA rate for²²Ne(<i>p</i>, Î³)²³Na. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4817-4837.	4.4	40
33	Determination of the neutron-capture rate of C17 for r -process nucleosynthesis. Physical Review C, 2017, 95, .	2.9	10
34	Effective proton-neutron interaction near the drip line from unbound states in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">F</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>25</mml:mn><mml:mo>,</mml:mo><mml:mn>26</mml:mn></mml:mrow></mml:mmultiscripts></mml:matł Physical Review C, 2017, 96, .	2.9	14
35	Nuclear structure and decay data evaluation in Europe. EPJ Web of Conferences, 2017, 146, 02042.	0.3	0
36	Program and status for the planned underground accelerator in the Dresden Felsenkeller. Journal of Physics: Conference Series, 2016, 665, 012030.	0.4	0

#	Article	IF	Citations
37	Nuclear astrophysics with radioactive ions at FAIR. Journal of Physics: Conference Series, 2016, 665, 012044.	0.4	9
38	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math> scattering and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math> -induced reaction cross sections of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Zn</mml:mi><mml:mprescripts /><mml:none /><mml:mn>64</mml:mn></mml:mm	2.9	17
39	Improved Direct Measurement of the 64.5Â keV Resonance Strength in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>17</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow><mml:mo		

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55	Performance of timing Resistive Plate Chambers with protons from 200 to 800 MeV. Journal of Instrumentation, 2015, 10, C01043-C01043.	1.2	8
56	Performance of timing resistive plate chambers with relativistic neutrons from 300 to 1500 MeV. Journal of Instrumentation, 2015, 10, C02034-C02034.	1.2	9
57	Coulomb Dissociation Experiment of ^{27}P. Acta Physica Polonica B, 2015, 46, 473.	0.8	0
58	Nuclear Data Sheets for A = 128. Nuclear Data Sheets, 2015, 129, 191-436.	2.2	46
59	Resonance strengths in the 17,18O(p, Î±)14,15N reactions and background suppression underground. European Physical Journal A, 2015, 51, 1.	2.5	37
60	Quadrupole collectivity in island-of-inversion nuclei28,30Neand34,36Mg. Physical Review C, 2014, 89, .	2.9	24
61	Strength of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>E</mml:mi><mml:mi>p</mml:mi></mml:msub> resonance in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow		

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73	Characterization of the neutron beam at nELBE. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 723, 151-162.	1.6	35
74	Neutron total cross section measurements of gold and tantalum at the nELBE photoneutron source. European Physical Journal A, 2013, 49, 1.	2.5	10
75	Neutron-induced background by an Î±-beam incident on a deuterium gas target and its implications for the study of the 2H(Î±,Î³)6Li reaction at LUNA. European Physical Journal A, 2013, 49, 1.	2.5	31
76	Resonance triplet atEÎ±=4.5ÂMeV in the40Ca(Î±,Î³)44Ti reaction. Physical Review C, 2013, 88, .	2.9	16
77	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
78	Activation measurement of the reaction cross section at high energies. Nuclear Physics A, 2013, 908, 1-11.	1.5	52
79	Beyond the neutron drip line: The unbound oxygen isotopes<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>25</mml:mn></mml:msup></mml:math>O and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>26</mml:mn></mml:msup></mml:math>O. Physical Review C, 2013, 88, .	2.9	93
80	Investigating the variation of elastic alpha scattering cross sections in the A â‰ˆ 100 region. Journal of Physics: Conference Series, 2012, 337, 012029.	0.4	2
81	Publisher's Note: In-beam spectroscopic studies of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>44</mml:mn></mml:msup></mml:math>S nucleus [Phys. Rev. C85, 024311 (2012)]. Physical Review C, 2012, 85, .	2.9	0
82	Spectroscopy of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>26</mml:mn></mml:msup></mml:math>F. Physical Review C, 2012, 85, .	2.9	10
83	Coulomb dissociation of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="bold">O</mml:mi><mml:mprescripts /><mml:none /><mml:mn>17</mml:mn></mml:mmultiscripts><mml:mo stretchy="false">(</mml:mo><mml:mi>p</mml:mi><mml:mo>,</mml:mo><mml:mi>Î³</mml:mi><mml:mo) Tj ETQq1 0.784314 rgB mathvariant="bold">F</mml:mi><mml:mprescripts /><mml:none /><mml:mn>18</mml:mn></mml:mmultis	1.6	43
84	In-beam spectroscopic studies of the44S nucleus. Physical Review C, 2012, 85, .	2.9	15
85	Coulomb Dissociation of²⁷P. Journal of Physics: Conference Series, 2012, 381, 012115.	0.4	0
86	Prototyping a 2m Ã— 0.5m MRPC-based neutron TOF-wall with steel converter plates. Journal of Instrumentation, 2012, 7, P11030-P11030.	1.2	3
87	Thin-window gas cell target for activation cross-section measurements relevant for nuclear astrophysics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 693, 220-225.	1.6	10
88	Preparation and characterisation of isotopically enriched Ta2O5 targets for nuclear astrophysics studies. European Physical Journal A, 2012, 48, 1.	2.5	43
89	Shallow-underground accelerator sites for nuclear astrophysics: Is the background low enough?. European Physical Journal A, 2012, 48, 1.	2.5	12
90	NeuLAND MRPC-based detector prototypes tested with fast neutrons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 661, S145-S148.	1.6	10

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91	Development of MMRPC prototype for the NeuLAND detector of the R3B collaboration. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 661, S149-S152.	1.6	2
92	The 25Mg(p,â€‰Î³)26Al reaction at low astrophysical energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 60-65.	4.1	64
93	Revision of the¹⁵N(p,Î³)¹⁶O reaction rate and oxygen abundance in H-burning zones. Astronomy and Astrophysics, 2011, 533, A66.	5.1	38
94	Prototyping and tests for an MRPC-based time-of-flight detector for 1GeV neutrons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 654, 79-87.	1.6	11
95	Spectroscopy of 39,41Si and the border of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>28</mml:mn></mml:math> island of inversion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 703, 417-421.	4.1	10
96	Nuclear Data Sheets for A = 50. Nuclear Data Sheets, 2011, 112, 1-131.	2.2	32
97	Determining reaction cross sections via characteristic X-ray detection: Î±-induced reactions on 169Tm for the astrophysical Î³-process. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 419-423.	4.1	44
98	Cd110,116(Î±,Î±)Cd110,116elastic scattering and systematic investigation of elasticÎ±scattering cross sections along theZ=48isotopic andN=62isotonic chains. Physical Review C, 2011, 83, .	2.9	23
99	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">N</mml:mi><mml:mprescripts /><mml:none		

#	Article	IF	Citations
109	[illegible]	2.9	48
110	Nuclear Astrophysics and Neutron Induced Reactions: Quasi-Free Reactions and RIBs. , 2010, , .		0
111	Nuclear Proton-proton Elastic Scattering via the Trojan Horse Method. , 2009, , .		0
112	Persistent decoupling of valence neutrons toward the dripline: Study ofC20byÎ³spectroscopy. Physical Review C, 2009, 79, .	2.9	31
113	DECAY PATTERN OF PYGMY STATES OBSERVED IN NEUTRON-RICH²⁶Ne. International Journal of Modern Physics E, 2009, 18, 2050-2055.	1.0	1
114	Direct measurement of the¹⁵N(p,Î³)¹⁶O total cross section at novae energies. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 045202.	3.6	45
115	Measurement of embedded⁷⁴As decay branching ratio at low temperatures. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 105101.	3.6	4
116	Application of Doppler-shift attenuation method to the de-excitation Î³ rays from the in-flight [sup 12]Be beam. , 2009, , .		0
117	Precise half-life measurement of the 10 h isomer in 154Tb. Nuclear Physics A, 2009, 828, 1-8.	1.5	10
118	First lifetime measurement of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msubsup><mml:mn>2</mml:mn><mml:mn>1</mml:mn><mml:mo>+</mml:mo></mml:msubsup></mml:math state in 12Be. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 673, 179-182.	4.1	34
119	Ultra-sensitive in-beam $ gamma$ -ray spectroscopy for nuclear astrophysics at LUNA. European Physical Journal A, 2009, 39, 179-186.	2.5	59
120	High precision<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Y</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>89</mml:mn></mml:mrow></mml:mmultiscripts></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo		

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127	Comparison of the LUNA³He(Î±, Î³)⁷Be activation results with earlier measurements and model calculations. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014002.	3.6	2
128	The Trojan horse method in nuclear astrophysics: recent results. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014008.	3.6	7
129	Nuclear Astrophysics At LUNA: Status And Perspectives. AIP Conference Proceedings, 2008, , .	0.4	3
130	Investigation of Stellar [sup 26]Si(p,Î³)[sup 27]P Reaction via Coulomb Dissociation. AIP Conference Proceedings, 2008, , .	0.4	0
131	Experimental study of the variation of alpha elastic scattering cross sections along isotopic and isotonic chains at low energies. AIP Conference Proceedings, 2008, , .	0.4	2
132	The study of shell closures in light neutron-rich nuclei. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014038.	3.6	3
133	Investigation of proton-induced reactions on Germanium isotopes. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014032.	3.6	1
134	Investigation of ⁷⁵ As decay branching ratio dependence on the host material. Europhysics Letters, 2008, 83, 42001.	2.0	2
135	Large proton contribution to the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mn>2</mml:mn><mml:mrow><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:mrow></mml:math>in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Mg</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>20</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>studied by	2.9	10
136	Decay Pattern of Pygmy States Observed in Neutron-Rich<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Ne</mml:mi><mml:mprescripts /><mml:none /><mml:mn>26</mml:mn></mml:mmultiscripts></mml:math>. Physical Review Letters, 2008, 101, 212503.	7.8	49
137	Publisher's Note: Large proton contribution to the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mi mathvariant="normal">N</mml:mi><mml:mo /><mml:mrow><mml:mn>14</mml:mn></mml:mrow></mml:msup><mml:mi mathvariant="normal">N</mml:mi><mml:mo	2.9	78
138	Large proton contribution to the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mn>2</mml:mn><mml:mrow><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:mrow></mml:math>in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Mg</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>20</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>stu	2.9	0
139	Inelastic scattering studies ofC16reexamined. Physical Review C, 2008, 78, .	2.9	16
140	Persistence of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>50</mml:mn></mml:mrow></mml:math>shell closure in the neutron-rich isotope<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Ge</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>80</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2008, 78, .	2.9	17
141	In-beam Î³-ray spectroscopy of the neutron-rich nitrogen isotopes<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">N</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>19</mml:mn></mml:mrow><mml:mo>â^'</mml:mo><mml:mn>22</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2008, 77, .	2.9	44
142	Disappearance of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>14</mml:mn></mml:mrow></mml:math>shell gap in the carbon isotopic chain. Physical Review C, 2008, 78, .	2.9	33
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