

Zoltan Elekes

List of Publications by Year in descending order

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212
papers

5,088
citations

61857

43
h-index

123241

61
g-index

217
all docs

217
docs citations

217
times ranked

2365
citing authors

#	ARTICLE	IF	CITATIONS
1	Isotopic cross sections of fragmentation residues produced by light projectiles on carbon near $V < \mathbb{N} > 400 < \mathbb{A} >$ MeV. Physical Review C, 2022, 105, .	1.1	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, .	0.6	3
3	First spectroscopic study of ^{51}Ar by the $(p,2p)$ reaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 814, 136108.	1.5	5
4	First spectroscopic study of ^{63}V at the $(p,2p)$ reaction. Physical Review C, 2021, 104, 054601.	1.1	4
5	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.	0.7	19
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.	2.9	40
7	The baryon density of the Universe from an improved rate of deuterium burning. Nature, 2020, 587, 210-213.	13.7	101
8	Probing the $Z=6$ 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.	1.5	2
9	Underground experimental study finds no evidence of low-energy resonance in the $^{13}\text{C}(p,\alpha)^{12}\text{C}$ reaction. Physical Review C, 2020, 102, 054601.	1.0	20
10	A new approach to monitor ^{13}C targets degradation in situ for $^{13}\text{C}(\alpha,p)^{12}\text{C}$ reaction. Physical Review C, 2020, 102, 054601.	2.9	26
11	Extending the Southern Shore of the Island of Inversion to ^{28}F . Physical Review Letters, 2020, 124, 152502.	1.0	22
12	Setup commissioning for an improved measurement of the $D(p,\gamma)^3\text{He}$ cross section at Big Bang Nucleosynthesis energies. European Physical Journal A, 2020, 56, 1.	1.5	18
13	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.	1.5	23
14	Direct measurements of low-energy resonance strengths of the $^{23}\text{Na}(p,^3\text{He})^{24}\text{Mg}$ reaction for astrophysics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 122-128.	1.5	18
15	Cross section of the reaction $^{18}\text{O}(p,^3\text{He})^{19}\text{F}$ 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.	1.5	22
16	Improved astrophysical rate for the $^{18}\text{O}(p,^3\text{He})^{15}\text{N}$ reaction by underground measurements. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 237-242.	0.6	3
17	High precision half-life measurement of ^{125}Cs and ^{125}Xe with ^3He -spectroscopy. Nuclear Physics A, 2019, 986, 213-222.		

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19	Nuclear structure of ^{76}Ni from the $^{76}\text{Ni}(\text{p}, \text{n})^{76}\text{Cu}$ reaction. <i>Physical Review Letters</i> , 2018, 120, 152504.	2.9	9
20	Strong Neutron Pairing in core+4n Nuclei. <i>Physical Review Letters</i> , 2018, 120, 152504.	2.9	9
21	Reactions on Oxygen Isotopes: Observation of Isospin Independence of the Reduced Single-Particle Quasifree $^{16}\text{O}(\text{p}, \text{n})^{16}\text{F}$ Reaction. <i>Physical Review Letters</i> , 2018, 120, 152504.	2.9	69
22	Physical Review C, 2018, 97, .	1.1	15
23	Improved background suppression for radiative capture reactions at LUNA with HPGe and BGO detectors. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2018, 45, 025203.	1.4	30
24	A high-efficiency gas target setup for underground experiments, and redetermination of the branching ratio of the $^{22}\text{Ne}(\text{p}, \text{n})^{22}\text{Na}$ resonance. <i>European Physical Journal A</i> , 2018, 54, 1.	1.0	39
25	The Feasibility of Studying $^{44}\text{Ti}(\text{p}, \text{n})^{44}\text{V}$ Reaction at Astrophysical Energies. <i>Journal of Physics: Conference Series</i> , 2018, 940, 012028.	0.3	0
26	Direct Capture Cross Section and the $^{105}\text{Ag}(\text{p}, \text{n})^{105}\text{Cd}$ Resonances in the $^{105}\text{Ag}(\text{p}, \text{n})^{105}\text{Cd}$ Reaction. <i>Physical Review Letters</i> , 2018, 120, 172701.	2.9	30
27	^{13}Be studied in proton knockout from ^{14}Be . <i>Physical Review Letters</i> , 2018, 120, 172701.	1.1	9
28	Effect of beam energy straggling on resonant yield in thin gas targets: The cases $^{22}\text{Ne}(\text{p}, \text{n})^{22}\text{Na}$ and $^{14}\text{N}(\text{p}, \text{n})^{14}\text{O}$. <i>Europhysics Letters</i> , 2018, 122, 52001.	0.7	13
29	Origin of meteoritic stardust unveiled by a revised proton-capture rate of ^{17}O . <i>Nature Astronomy</i> , 2017, 1, .	4.2	64
30	Big Bang ^6Li nucleosynthesis studied deep underground (LUNA collaboration). <i>Astroparticle Physics</i> , 2017, 89, 57-65.	1.9	37
31	The impact of the revised $^{17}\text{O}(\text{p}, \text{n})^{17}\text{N}$ reaction rate on ^{17}O stellar abundances and yields. <i>Astronomy and Astrophysics</i> , 2017, 598, A128.	2.1	25
32	^{22}Ne and ^{23}Ne ejecta from intermediate-mass stars: the impact of the new LUNA rate for $^{22}\text{Ne}(\text{p}, \text{n})^{22}\text{Na}$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 4817-4837.	1.6	40
33	Determination of the neutron-capture rate of ^{17}C for r -process nucleosynthesis. <i>Physical Review C</i> , 2017, 95, .	1.1	10
34	Effective proton-neutron interaction near the drip line from unbound states in ^{25}F . <i>Physical Review C</i> , 2017, 96, .	1.1	14
35	Nuclear structure and decay data evaluation in Europe. <i>EPJ Web of Conferences</i> , 2017, 146, 02042.	0.1	0
36	Program and status for the planned underground accelerator in the Dresden Felsenkeller. <i>Journal of Physics: Conference Series</i> , 2016, 665, 012030.	0.3	0

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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.	0.5	8
56	Performance of timing resistive plate chambers with relativistic neutrons from 300 to 1500 MeV. Journal of Instrumentation, 2015, 10, C02034-C02034.	0.5	9
57	Coulomb Dissociation Experiment of ^{27}P . Acta Physica Polonica B, 2015, 46, 473.	0.3	0
58	Nuclear Data Sheets for A = 128. Nuclear Data Sheets, 2015, 129, 191-436.	0.7	46
59	Resonance strengths in the $^{17,18}\text{O}(p, \hat{1}\pm)^{14,15}\text{N}$ reactions and background suppression underground. European Physical Journal A, 2015, 51, 1.	1.0	37
60	Quadrupole collectivity in island-of-inversion nuclei $^{28,30}\text{Ne}$ and $^{34,36}\text{Mg}$. Physical Review C, 2014, 89, . Strength of the	1.1	24
61	resonance in the xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow></mml:mrow></mml:msup></mml:math> xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow></mml:mrow></mml:msup></mml:math>		

#	ARTICLE	IF	CITATIONS
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.	0.7	35
74	Neutron total cross section measurements of gold and tantalum at the nELBE photoneutron source. European Physical Journal A, 2013, 49, 1.	1.0	10
75	Neutron-induced background by an $\hat{1}\pm$ -beam incident on a deuterium gas target and its implications for the study of the $2\text{H}(\hat{1}\pm, \hat{1}^3)\text{6Li}$ reaction at LUNA. European Physical Journal A, 2013, 49, 1.	1.0	31
76	Resonance triplet at $\hat{E}\hat{1}\pm=4.5\hat{\text{A}}\text{MeV}$ in the $40\text{Ca}(\hat{1}\pm, \hat{1}^3)44\text{Ti}$ reaction. Physical Review C, 2013, 88, .	1.1	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.	0.7	7
78	Activation measurement of the reaction cross section at high energies. Nuclear Physics A, 2013, 908, 1-11.	0.6	52
79	Beyond the neutron drip line: The unbound oxygen isotopes ^{25}O and ^{26}O . Physical Review C, 2013, 88, .	1.1	93
80	Investigating the variation of elastic alpha scattering cross sections in the $A \hat{\%}^{\wedge} 100$ region. Journal of Physics: Conference Series, 2012, 337, 012029.	0.3	2
81	Publisher's Note: In-beam spectroscopic studies of the ^{44}S nucleus [Phys. Rev. C 85 , 024311 (2012)]. Physical Review C, 2012, 85, .	1.1	0
82	Spectroscopy of ^{26}F . Physical Review C, 2012, 85, .	1.1	10
83	Measurement of the ^{17}O $\text{Tj ETQq1 0.784314 rgB}$ ^{18}F nucleus. Physical Review C, 2012, 85, .	1.1	15
84	In-beam spectroscopic studies of the ^{44}S nucleus. Physical Review C, 2012, 85, .	1.1	15
85	Coulomb Dissociation of ^{27}P . Journal of Physics: Conference Series, 2012, 381, 012115.	0.3	0
86	Prototyping a 2m $\hat{\text{A}}$ –0.5m MRPC-based neutron TOF-wall with steel converter plates. Journal of Instrumentation, 2012, 7, P11030-P11030.	0.5	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.	0.7	10
88	Preparation and characterisation of isotopically enriched Ta_2O_5 targets for nuclear astrophysics studies. European Physical Journal A, 2012, 48, 1.	1.0	43
89	Shallow-underground accelerator sites for nuclear astrophysics: Is the background low enough?. European Physical Journal A, 2012, 48, 1.	1.0	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.	0.7	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.	0.7	2
92	The $^{25}\text{Mg}(p, \alpha)^{26}\text{Al}$ reaction at low astrophysical energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 60-65.	1.5	64
93	Revision of the $^{15}\text{N}(p, \alpha)^{16}\text{O}$ reaction rate and oxygen abundance in H-burning zones. Astronomy and Astrophysics, 2011, 533, A66.	2.1	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.	0.7	11
95	Spectroscopy of $^{39,41}\text{Si}$ and the border of the $N < 28 >$ island of inversion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 703, 417-421.	1.5	10
96	Nuclear Data Sheets for $A = 50$. Nuclear Data Sheets, 2011, 112, 1-131.	0.7	32
97	Determining reaction cross sections via characteristic X-ray detection: $\hat{1}\pm$ -induced reactions on ^{169}Tm for the astrophysical $\hat{1}^3$ -process. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 419-423.	1.5	44
98	$^{110,116}\text{Cd}(^{\hat{1}\pm}, ^{\hat{1}\pm})^{110,116}\text{Cd}$ elastic scattering and systematic investigation of elastic $\hat{1}\pm$ scattering cross sections along the $Z=48$ isotopic and $N=62$ isotonic chains. Physical Review C, 2011, 83, .	1.1	23
99	N		

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109	Experimental study of low-energy α decays of ^{210}Po and ^{210}Pb isotopes. Physical Review C, 2010, 82, .	1.1	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 of ^{20}C spectroscopy. Physical Review C, 2009, 79, .	1.1	31
113	DECAY PATTERN OF PYGMY STATES OBSERVED IN NEUTRON-RICH ^{26}Ne . International Journal of Modern Physics E, 2009, 18, 2050-2055.	0.4	1
114	Direct measurement of the $^{15}\text{N}(p, \hat{1}^3)^{16}\text{O}$ total cross section at novae energies. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 045202.	1.4	45
115	Measurement of embedded ^{74}As decay branching ratio at low temperatures. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 105101.	1.4	4
116	Application of Doppler-shift attenuation method to the de-excitation $\hat{1}^3$ rays from the in-flight ^{12}Be beam. , 2009, , .		0
117	Precise half-life measurement of the 10 h isomer in ^{154}Tb . Nuclear Physics A, 2009, 828, 1-8.	0.6	10
118	First lifetime measurement of ^{12}Be state in ^{12}Be . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 673, 179-182.	1.5	41
119	Ultra-sensitive in-beam γ -ray spectroscopy for nuclear astrophysics at LUNA. European Physical Journal A, 2009, 39, 179-186.	1.0	59
120	High precision Y		

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127	Comparison of the LUNA ³ He($\hat{1}\pm$, $\hat{1}^3$) ⁷ Be activation results with earlier measurements and model calculations. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014002.	1.4	2
128	The Trojan horse method in nuclear astrophysics: recent results. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014008.	1.4	7
129	Nuclear Astrophysics At LUNA: Status And Perspectives. AIP Conference Proceedings, 2008, , .	0.3	3
130	Investigation of Stellar [sup 26]Si(\hat{p} , $\hat{1}^3$)[sup 27]P Reaction via Coulomb Dissociation. AIP Conference Proceedings, 2008, , .	0.3	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, , .	0.3	2
132	The study of shell closures in light neutron-rich nuclei. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014038.	1.4	3
133	Investigation of proton-induced reactions on Germanium isotopes. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014032.	1.4	1
134	Investigation of ⁷⁵ As decay branching ratio dependence on the host material. Europhysics Letters, 2008, 83, 42001.	0.7	2
135	to the ^{26}Mg studied by	1.1	10
136	Decay Pattern of Pygmy States Observed in Neutron-Rich ^{14}Ne Physical Review Letters, 2008, 101, 212503.	2.9	49
137	Publisher's Note: Large proton contribution to the ^{14}N Tj ETQq1 1 0.784314 rgB	1.1	78
138	in ^{26}Mg	1.1	0
139	Inelastic scattering studies of ^{20}C reexamined. Physical Review C, 2008, 78, .	1.1	16
140	Persistence of the ^{50}Ge shell closure in the neutron-rich isotope ^{80}Ge .	1.1	17
141	in-beam γ -ray spectroscopy of the neutron-rich nitrogen isotopes ^{19}N Physical Review C, 2008, 77,	1.1	44
142	Disappearance of the ^{14}C shell gap in the carbon isotopic chain. Physical Review C, 2008, 78, .	1.1	1
143	The trojan horse method as indirect technique in nuclear astrophysics. Journal of Physics: Conference Series, 2008, 111, 012033.	0.3	0
144	Study of exotic nuclei around the $\hat{\epsilon}$ island of inversion $\hat{\epsilon}$. AIP Conference Proceedings, 2007, , .	0.3	1

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145	Coulomb Excitation of ^{26}Ne . AIP Conference Proceedings, 2007, , .	0.3	0
146	$\langle \text{Ge} \rangle_{\text{Tj ETQqO00TgBT/Overlock 10}}$	1.1	35
147	Suppression of the Coulomb Interaction in the Off-Energy-Shell $p\alpha$ Scattering from the $p+d \rightarrow p+p+n$ Reaction. Physical Review Letters, 2007, 98, 252502.	2.9	59
148	Astrophysical S factor of the $^3\text{He}(\alpha, n)^7\text{Be}$ reaction measured at low energy via detection of prompt and delayed α rays. Physical Review C, 2007, 75, .	1.1	117
149	Collapse of the $N=28$ Shell Closure in ^{42}S . Physical Review Letters, 2007, 99, 022503.	2.9	262
150	Spectroscopic Study of Neutron Shell Closures via Nucleon Transfer in the Near-Dripline Nucleus ^{23}O . Physical Review Letters, 2007, 98, 102502.	2.9	81
151	$^3\text{He}(\alpha, n)^7\text{Be}$ cross section at low energies. Physical Review C, 2007, 75, .	1.1	86
152	Measurement of the $B(E2, 0_1^+ \rightarrow 2_1^+)$ in the $N=16$ nucleus ^{26}Ne . Physical Review C, 2007, 75, .	1.1	27
153	Publisher's Note: Astrophysical S factor of the $^3\text{He}(\alpha, n)^7\text{Be}$ reaction measured at low energy via detection of prompt and delayed α rays [Phys. Rev. C75, 065803 (2007)]. Physical Review C, 2007, 75, .	1.1	5
154	Proton capture cross-section of $^{106,108}\text{Cd}$ for the astrophysical p-process. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 817-825.	1.4	18
155	Search for low lying dipole strength in the neutron rich nucleus ^{26}Ne . Nuclear Physics A, 2007, 788, 153-158.	0.6	18
156	No signature of nuclear-Coulomb interference in the proton-proton elastic scattering via the Trojan Horse Method. Nuclear Physics A, 2007, 787, 337-342.	0.6	6
157	Lifetime of the isomeric ^{12}Be state in ^{12}Be . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 654, 87-91.	1.5	70
158	Study of $N=20$ shell gap with $^1\text{H}(^{28}\text{Ne}, ^{27,28}\text{Ne})$ reactions. European Physical Journal: Special Topics, 2007, 150, 99-102.	1.2	4
159	Inelastic proton scattering on ^{16}C . Journal of Physics: Conference Series, 2006, 49, 13-14.	0.3	1
160	Spectroscopy on neutron-rich nuclei near $N = 50$ via two-step Coulomb excitation at intermediate energies. Journal of Physics: Conference Series, 2006, 49, 65-66.	0.3	0
161	Evolution of the $N = 20$ shell gap. Journal of Physics: Conference Series, 2006, 49, 140-145.	0.3	0
162	Comparative geochemical studies of obsidian samples from various localities. Acta Geologica Hungarica, 2006, 49, 73-87.	0.2	11

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163	Bound excited states in ^{27}F . AIP Conference Proceedings, 2006, , .	0.3	0
164	Study of beam heating effect in a gas target through Rutherford scattering. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 569, 727-731.	0.7	23
165	$^{106,108}\text{Cd}(p, \hat{1}^3)^{107,109}\text{In}$ cross-sections for the astrophysical p-process. European Physical Journal A, 2006, 27, 141-144.	1.0	4
166	Towards a high-precision measurement of the $^3\text{He}(\hat{1}^{\pm}, \hat{1}^3)^7\text{Be}$ cross section at LUNA. European Physical Journal A, 2006, 27, 177-180.	1.0	3
167	Study of the $^{26}\text{Si}(p, \hat{1}^3)^{27}\text{P}$ reaction through Coulomb dissociation of ^{27}P . European Physical Journal A, 2006, 27, 233-236.	1.0	5
168	Testing of the RIKEN-ATOMKI CsI(Tl) array in the study of $^{22,23}\text{O}$ nuclear structure. European Physical Journal A, 2006, 27, 321-324.	1.0	3
169	Two-pyroxene geothermometer by using micro-PIXE data. Journal of Radioanalytical and Nuclear Chemistry, 2006, 268, 511-516.	0.7	0
170	Coulomb Dissociation of ^{27}P for Study of $^{26}\text{Si}(p, \hat{1}^3)^{27}\text{P}$ Reaction. AIP Conference Proceedings, 2006, , .	0.3	0
171	Activation Measurement of the $^3\text{He}(\hat{1}^{\pm}, \hat{1}^3)^7\text{Be}$ Cross Section at Low Energy. Physical Review Letters, 2006, 97, 122502.	2.9	136
172	Vanishing $N=20$ Shell Gap: Study of Excited States in $^{27,28}\text{Ne}$. Physical Review Letters, 2006, 96, 182501.	2.9	44
173	Search for neutron decoupling in ^{22}O via the $(d, d' \hat{1}^3)$ reaction. Physical Review C, 2006, 74, .	1.1	14
174	$\hat{1}^{\pm}$ -induced cross sections of ^{106}Cd for the astrophysical p-process. Physical Review C, 2006, 74, .	1.1	74
175	Neutron-dominant quadrupole collective motion in ^{16}C . Physical Review C, 2006, 73, .	1.1	48
176	Proton inelastic scattering studies at the borders of the "island of inversion" $^{\#}$ The $^{30,31}\text{Na}$ and $^{33,34}\text{Mg}$ case. Physical Review C, 2006, 73, .	1.1	45
177	Radiative capture reactions and $\hat{1}^{\pm}$ -elastic scattering on ^{106}Cd for the astrophysical p-process. AIP Conference Proceedings, 2006, , .	0.3	0
178	$^{106,108}\text{Cd}(p, \hat{1}^3)^{107,109}\text{In}$ cross-sections for the astrophysical p-process. , 2006, , 141-144.		0
179	Coulomb Dissociation of ^{23}Al for the stellar $^{22}\text{Mg}(p, \hat{1}^3)^{23}\text{Al}$ reaction. Nuclear Physics A, 2005, 758, 761-764.	0.6	13
180	Excited states in neutron rich boron isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 608, 206-214.	1.5	27

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181	Low-lying excited states in $^{17,19}\text{C}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 614, 174-180.	1.5	68
182	Decoupling of valence neutrons from the core in ^{17}B . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 621, 81-88.	1.5	20
183	Search for an isomeric state in ^{19}C . Nuclear Physics A, 2005, 757, 315-328.	0.6	5
184	Study of $^{26}\text{Si}(p, \hat{1}^3)^{27}\text{P}$ reaction using Coulomb dissociation method. Nuclear Physics A, 2005, 758, 182-185.	0.6	8
185	Inelastic proton scattering on ^{16}C . European Physical Journal A, 2005, 25, 347-348.	1.0	0
186	Reduced transition probabilities for the first $2+$ excited state in ^{46}Cr , ^{50}Fe , and ^{54}Ni . European Physical Journal A, 2005, 25, 409-413.	1.0	14
187	Intermediate-energy Coulomb excitation of the neutron-rich Ge isotopes around $N = 50$. European Physical Journal A, 2005, 25, 415-417.	1.0	7
188	Search for Low-Lying Dipole Strength in the Neutron-Rich Nucleus ^{26}Ne . AIP Conference Proceedings, 2005, , .	0.3	0
189	Precise half-life measurement of ^{110}Sn and ^{109}In isotopes. Physical Review C, 2005, 71, .	1.1	10
190	Search for neutron excitations across the $N=20$ shell gap in ^{25}Ne . Physical Review C, 2005, 72, .	1.1	49
191	Inelastic proton scattering on ^{16}C . , 2005, , 347-348.		0
192	Coulomb dissociation experiment for explosive hydrogen burning: study of the $^{22}\text{Mg}(p, \hat{1}^3)^{23}\text{Al}$ reaction. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1517-S1521.	1.4	4
193	Anomalously Hindered $E2$ Strength $B(E2; 2^+_1 \rightarrow 0^+)$ in ^{16}C . Physical Review Letters, 2004, 92, 062501.	2.9	102
194	Decoupling of valence neutrons from the core in ^{16}C . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 586, 34-40.	1.5	67
195	Study of the Stellar $^{22}\text{Mg}(p, \hat{1}^3)^{23}\text{Al}$ Reaction using the Coulomb-Dissociation Method. Nuclear Physics A, 2004, 734, E77-E79.	0.6	9
196	Bound excited states in ^{27}F . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 599, 17-22.	1.5	45
197	Phenocrysts in obsidian glasses. Journal of Radioanalytical and Nuclear Chemistry, 2003, 256, 329-337.	0.7	6
198	Erratum To the paper Phenocrysts in obsidian glasses. Journal of Radioanalytical and Nuclear Chemistry, 2003, 257, 453-453.	0.7	0

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199	Search for particle-hole excitations across the N=28 shell gap in 45,46Ar nuclei. Nuclear Physics A, 2003, 727, 195-206.	0.6	48
200	Absolute full-energy peak efficiency calibration of a Clover-BGO detector system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 503, 580-588.	0.7	46
201	Se($p, \hat{1}^3$) cross section measurements for p-process studies. Nuclear Physics A, 2003, 718, 599-601.	0.6	1
202	Optimization of the performance of a CsI(Tl) scintillator + Si PIN photodiode detector for medium-energy light-charged particle hybrid array. Nuclear Physics A, 2003, 719, C316-C321.	0.6	2
203	Radiolarit mint-Åjk vizsgál-Ålata ionnyal-Åjb analitikai m-Å ³ dszerekkel. Archaeologiai Ertesito, 2003, 127, 103-134.	0.0	0
204	Deuteron induced gamma-ray emission method applied at a nuclear microprobe for carbon and oxygen content measurements. Nuclear Instruments & Methods in Physics Research B, 2002, 190, 291-295.	0.6	10
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