Zsolt Fulop

List of Publications by Year
in descending order

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278 papers	7,088 citations	50276 46 h-index	88630 70 g-index
286 all docs	286 docs citations	286 times ranked	2328 citing authors

#	Article	IF	Citations
1	Constraining the astrophysical origin of the p-nuclei through nuclear physics and meteoritic data. Reports on Progress in Physics, 2013, 76, 066201.	20.1	221
2	N=14and 16 shell gaps in neutron-rich oxygen isotopes. Physical Review C, 2004, 69, .	2.9	194
3	Quadrupole deformation of 12Be studied by proton inelastic scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 481, 7-13.	4.1	187
4	Low-lying intruder 1âˆ’ state in 12Be and the melting of the N=8 shell closure. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 491, 8-14.	4.1	161
5	First measurement of the d(p,Î³)3He cross section down to the solar Gamow peak. Nuclear Physics A, 2002, 706, 203-216.	1.5	148
6	Activation Measurement of theHe3(Î±,Î³)Be7Cross Section at Low Energy. Physical Review Letters, 2006, 97, 122502.	7.8	136
7	Large collectivity of 34Mg. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 522, 227-232.	4.1	130
8	AstrophysicalSfactor of theHe3(Î±,Î³)Be7reaction measured at low energy via detection of prompt and delayed Î³ rays. Physical Review C, 2007, 75, .	2.9	117
9	Stellar and Primordial Nucleosynthesis of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Be</mml:mi><mml:mprescripts /><mml:none /><mml:mn>7</mml:mn></mml:mmultiscripts></mml:math>: Measurement of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>He</mml:mi><mml:mprescripts /><mml:none /><mml:mn	7.8	114
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#	Article	IF	Citations
19	144Sm-Î±optical potential at astrophysically relevant energies derived from144Sm(Î±,Î±)144Sm elastic scattering. Physical Review C, 1997, 55, 1523-1531.	2.9	74
20	Î±-induced cross sections ofCd106for the astrophysicalpprocess. Physical Review C, 2006, 74, .	2.9	74
21	The S-factor at solar energies: The prompt Î³ experiment at LUNA. Nuclear Physics A, 2008, 814, 144-158.	1.5	71
22	Low-lying excited states in 17,19C. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 614, 174-180.	4.1	68
23	Decoupling of valence neutrons from the core in 16C. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 586, 34-40.	4.1	67
24	Absolute cross section of 7Be(p,Î³)8B. Nuclear Physics A, 2001, 696, 219-230.	1.5	65
25	Feasibility of low-energy radiative-capture experiments at the LUNA underground accelerator facility. European Physical Journal A, 2005, 24, 313-319.	2.5	64
26	Low energy measurement of the 14N(p,â€‰Î³)15O total cross section at the LUNA underground facility. Nuclear Physics A, 2006, 779, 297-317.	1.5	64
27	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
28	Origin of meteoritic stardust unveiled by a revised proton-capture rate of 17O. Nature Astronomy, 2017, 1, .	10.1	64
29	OddpisotopeIn113: Measurement ofÎ±-induced reactions. Physical Review C, 2009, 79, .	2.9	63
30	Suppression of the Coulomb Interaction in the Off-Energy-Shellpâˆ’pScattering from thep+dâ†’p+p+nReaction. Physical Review Letters, 2007, 98, 252502.	7.8	59
31	Ultra-sensitive in-beam $ gamma$ -ray spectroscopy for nuclear astrophysics at LUNA. European Physical Journal A, 2009, 39, 179-186.	2.5	59
32	Quadrupole collectivity of 28Ne and the boundary of the island of inversion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 620, 118-124.	4.1	57
33	Improved Direct Measurement of the 64.5 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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37	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>O</mml:mi><mml:mprescripts /><mml:none /><mml:mn>17</mml:mn></mml:mmultiscripts><mml:mrow><mml:mo>(</mml:mo><mml:mi>p</mml:mi><mml:mo>,</mml:mo><mml:mn /><mml:none /><mml:mn>18</mml:mn></mml:mmultiscripts></mml:math>reaction relevant for	2.9	53
38	Electron screening in d(d, p)t for deuterated metals: temperature effects. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, 1141-1149.	3.6	52
39	IMPACT OF A REVISED²⁵Mg(p, Î³)²⁶Al REACTION RATE ON THE OPERATION OF THE Mg-Al CYCLE. Astrophysical Journal, 2013, 763, 100.	4.5	52
40	Activation measurement of the reaction cross section at high energies. Nuclear Physics A, 2013, 908, 1-11.	1.5	52
41	The88Sr(p,Î³)89Yreaction at astrophysically relevant energies. Physical Review C, 2003, 67, .	2.9	50
42	First Direct Measurement 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 ETQq0 0 0 rgBT /Overlock	4.9	
43	First measurement of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Ru</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>96</mml:mn></mml:mrow></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mrow><mml:mi>p</mml:mi><mml:mo>,</mml:mo><mml:mn /><mml:none /><mml:mrow><mml:mn>97</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>cross sec	2.9	49
44	New experimental study of low-energy (<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 482 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Rh</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>97</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>cross sec. Physic isotopes. Physical Review C, 2010, 82, .	2.9	48
45	Coulomb Suppression of the Stellar Enhancement Factor. Physical Review Letters, 2008, 101, 191101.	7.8	47
46	Elastic alpha scattering experiments and the alpha-nucleus optical potential at low energies. Atomic Data and Nuclear Data Tables, 2013, 99, 651-679.	2.4	47
47	Enhanced d(d,p)t fusion reaction in metals. European Physical Journal A, 2006, 27, 79-82.	2.5	46
48	A new study of the 22Ne(p, Î³)23Na reaction deep underground: Feasibility, setup and first observation of the 186 keV resonance. European Physical Journal A, 2014, 50, 1.	2.5	46
49	Study of resonance states in 12N using a radioactive ion beam ofÂ11C. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 556, 27-32.	4.1	45
50	Bound excited states in 27F. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 599, 17-22.	4.1	45
51	Proton inelastic scattering studies at the borders of the â€œisland of inversionâ€• TheNa30,31andMg33,34case. Physical Review C, 2006, 73, .	2.9	45
52	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
53	The activation method for cross section measurements in nuclear astrophysics. European Physical Journal A, 2019, 55, 1.	2.5	45
54	Elastic Î± scattering onSn112andSn124at astrophysically relevant energies. Physical Review C, 2005, 71, .	2.9	44

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55	VanishingN=20Shell Gap: Study of Excited States inNe27,28. Physical Review Letters, 2006, 96, 182501.	7.8	44
56	Alpha-induced reaction cross section measurements on¹⁵¹Eu for the astrophysical Î³-process. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 115201.	3.6	44
57	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
58	Preparation and characterisation of isotopically enriched Ta2O5 targets for nuclear astrophysics studies. European Physical Journal A, 2012, 48, 1.	2.5	43
59	The<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		

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73	Enhanced electron screening in d(d, p)t for deuterated metals: a possible classical explanation. Nuclear Physics A, 2003, 719, C37-C42.	1.5	36
74	Photo-induced nucleosynthesis: Current problems and experimental approaches. European Physical Journal A, 2007, 32, 357-369.	2.5	36
75	Resonance strengths in the<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>70</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>(<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>70</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>)	2.9	35
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#	Article	IF	Citations
91	Excited states in neutron rich boron isotopes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 608, 206-214.	4.1	27
92	A comprehensive study of the 34S + Î± system. Nuclear Physics A, 1996, 604, 286-304.	1.5	26
93	Molecular states in neutron-rich beryllium isotopes. Nuclear Physics A, 2004, 738, 337-341.	1.5	26
94	Total reaction cross sections from elastic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î±</mml:mi></mml:mrow></mml:math>-nucleus scattering angular distributions around the Coulomb barrier. Physical Review C, 2010, 82, .	2.9	26
95	Relation between total cross sections from elastic scattering andÎ±-induced reactions: The example of64Zn. Physical Review C, 2012, 86, .	2.9	26
96	High precision<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>113</mml:mn></mml:msup></mml:math>In(<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (xmlns:mml="http:/	2.9	25
97	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mi>The impact of the revised¹⁷O(p,Î±)¹⁴N reaction rate on¹⁷O stellar abundances and yields. Astronomy and Astrophysics, 2017, 598, A128.	5.1	25
98	Loss of 8Li recoil nuclei in 7Li(d,p)8Li and implications on the 7Be(p,Î³)8B cross section. European Physical Journal A, 1998, 3, 1-3.	2.5	24
99	Quadrupole collectivity in island-of-inversion nuclei28,30Neand34,36Mg. Physical Review C, 2014, 89, .	2.9	24
100	Cross section of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>He</mml:mi><mml:mprescripts /><mml:none /><mml:mn>3</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>Î±</mml:mi><mml:mo>,</mml:mo><mml:mmultiscripts><mml:mi>Î³</mml:mi><mml:mprescripts /><mml:none /><mml:mn>7</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> around the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Be</mml:mi><mml:mprescripts /><mml:none /><mml:mn>7</mml:mn></mml:mmultiscripts></mml:math> Ph	2.9	24
101	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
102	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
103	70Ge(Î±, Î³)74Se cross section measurements at energies of astrophysical interest. Zeitschrift FÃ¼r Physik A, 1996, 355, 203-207.	0.9	22
104	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
105	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
106	Measurement of the 24Mg(p, t)22Mg reaction for the states near the 21Na + p threshold. European Physical Journal A, 2002, 14, 275-278.	2.5	21
107	Investigation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi></mml:math>-induced reactions on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>127</mml:mn></mml:msup></mml:math>I for the astrophysical<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi></mml:math>process. Physical Review C, 2012, 86, .	2.9	21
108	Characterization of the LUNA neutron detector array for the measurement of the 13C(<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 9	1.6	21

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109	Slowing down of light ions in LR-115 nuclear track material. International Journal of Radiation Applications and Instrumentation Part D, Nuclear Tracks and Radiation Measurements, 1992, 20, 611-614.	0.5	20
110	Decoupling of valence neutrons from the core in 17B. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 621, 81-88.	4.1	20
111	Study of the 106Cd (Î±,Î±)106Cd scattering at energies relevant to the p-process. European Physical Journal A, 2006, 27, 197-200.	2.5	20
112	Astrophysical analysis of the measurement of (Î±,Î³) and (Î±,n) cross sections of169Tm. Physical Review C, 2012, 86, .	2.9	20
113	Measurements of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Gd</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>152</mml:mn></mml:mrow></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>p</mml:mi><mml:mo>,</mml:mo><mml:mi mathvariant="normal">Tb</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>152</mml:mn></mml:mrow></mml:mmultiscripts></mml:math> and <mml:math	2.9	20
114	Investigation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math> -induced reactions on Sb isotopes relevant to the astrophysical <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math> process. Physical Review C, 2018, 97, .	2.9	20
115	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
116	Statistical model analysis of <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>Zn</mml:mi><mml:mprescripts /><mml:none /><mml:mn>64</mml:mn></mml:mmultiscripts></mml:math> at low energies. Physical Review C, 2017, 95, .	2.9	19
117	Proton capture cross-section of 106,108Cd for the astrophysical p-process. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 817-825.	3.6	18
118	Cross section and reaction rate of determined from thick target yield measurements. Nuclear Physics A, 2014, 922, 112-125.	1.5	18
119	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
120	Lifetimes of32Slevels. Physical Review C, 1998, 58, 699-720.	2.9	17
121	Measurements of proton-induced reaction cross sections onTe120for the astrophysicalpprocess. Physical Review C, 2009, 80, .	2.9	17
122	Systematic study of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi></mml:math>-optical potential via elastic scattering near the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Z</mml:mi><mml:mo>=</mml:mo><mml:mn>50</mml:mn></mml:mrow></mml:math>region for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi></mml:math>-process nuclei. Physical Review C, 2012, 85, .	2.9	17
123	Direct study of theÎ±-nucleus optical potential at astrophysical energies using theZn64(p,Î±)Cu61reaction. Physical Review C, 2014, 90, .	2.9	17
124	Test of statistical model cross section calculations for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math>-induced reactions on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Ag</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>107</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>at energies of astrophysical interest.	2.9	17
125	Measurements of <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:mmultiscripts></mml:math> at low energies.	2.9	17
126	A comprehensive study of the 106Cd(Î±, Î³)110Sn reaction at energies relevant to the p-process. Nuclear Physics A, 2005, 758, 517-520.	1.5	16

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127	Inelastic scattering studies ofC16reexamined. Physical Review C, 2008, 78, .	2.9	16
128	Resonance triplet atEÎ±=4.5ÂMeV in the40Ca(Î±,Î³)44Ti reaction. Physical Review C, 2013, 88, .	2.9	16
129	Measurement of (Î±,n) reaction cross sections of erbium isotopes for testing astrophysical rate predictions. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 055103.	3.6	16
130	Study of neutron rich Carbon and Oxygen nuclei up to drip line. Nuclear Physics A, 2004, 746, 135-139.	1.5	15
131	New measurement of 7Be half-life in different metallic environments. European Physical Journal A, 2006, 27, 193-196.	2.5	15
132	KADoNiS-p: The Astrophysical p-Process Database. Nuclear Data Sheets, 2014, 120, 191-193.	2.2	15
133	Nuclear structure studies of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">F</mml:mi><mml:mprescripts /><mml:none	2.9	15
134	Indirect determination of the astrophysical <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>S</mml:mi></mml:math> factor for the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Li</mml:mi><mml:mprescripts /><mml:none /><mml:mn>6</mml:mn></mml:mmultiscripts></mml:math> (<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 442 Td (	2.9	15
135	Search for neutron decoupling inO22via the (d,d'Î³) reaction. Physical Review C, 2006, 74, .	2.9	14
136	Excited states in the neutron-rich nucleus F25. Physical Review C, 2014, 89, .	2.9	14
137	Experimental study of the astrophysical<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math>-process reaction<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">Xe</mml:mi><mml:mprescripts /><mml:none	2.9	14
138	Cross section of Î±-induced reactions on iridium isotopes obtained from thick target yield measurement for the astrophysical Î³ process. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 396-401.	4.1	14
139	Short lifetimes inSi28. Physical Review C, 1993, 47, 145-156.	2.9	13
140	Stopping powers of CR-39 nuclear track material for Z=1â^'14 ions with 0.25â€“2.8 MeV/u. Radiation Measurements, 1994, 23, 749-752.	1.4	13
141	Coulomb Dissociation of 23Al for the stellar 22Mg(p,Î³)23Al reaction. Nuclear Physics A, 2005, 758, 761-764.	1.5	13
142	Activation method combined with characteristic X-ray counting: A possibility to measure cross sections on heavy p-nuclei. Nuclear Physics A, 2011, 867, 52-65.	1.5	13
143	Resonance states in27P using Coulomb dissociation and their effect on the stellar reaction26Si(p,Î³)â€‰27P. Physical Review C, 2011, 84, .	2.9	13
144	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math> -induced reactions on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>In</mml:mi><mml:mprescripts /><mml:none /><mml:mn>115</mml:mn></mml:mmultiscripts></mml:math> : Cross section measurements and statistical model analysis. Physical Review C, 2018, 97, .	2.9	13

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145	Test measurement of 7Be(p, $gamma$ Î³)8B with the recoil mass separator ERNA. European Physical Journal A, 2018, 54, 1.	2.5	13
146	Effect of beam energy straggling on resonant yield in thin gas targets: The cases²²Ne(p,Î³)²³Na and¹⁴N(p,Î³)¹⁵O. Europhysics Letters, 2018, 122, 52001.	2.0	13
147	xmlns:mml="http://www.w3.org/1998/Math/MathML"><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 50 652 Td (x	2.9	13
148	Shallow-underground accelerator sites for nuclear astrophysics: Is the background low enough?. European Physical Journal A, 2012, 48, 1.	2.5	12
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152	Cross section of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math> -induced reactions on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Au</mml:mi><mml:mprescripts /><mml:none /><mml:mn>197</mml:mn></mml:mmultiscripts></mml:math> at sub-Coulomb energies.	2.9	12
153	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>	2.9	12
154	Astrophysical reaction rates of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e6953" altimg="si202.svg"><mml:mi>Î±</mml:mi></mml:math>-induced reactions for nuclei with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e6958" altimg="si8.svg"><mml:mrow><mml:mn>26</mml:mn><mml:mo linebreak="goodbreak" linebreakstyle="after">â‰¤</mml:mo><mml:mi>Z</mml:mi><mml:mo linebreak="goodbreak" linebreakstyle="after">â‰¤</mml:mo><mml:mn>83</mml:mn></mml:mrow></m. Atomic Data and Nuclear	2.4	12
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