Rosario Pizzone

List of Publications by Year
in descending order

301 papers	4,236 citations	61984 43 h-index	144013 57 g-index
311 all docs	311 docs citations	311 times ranked	976 citing authors

#	Article	IF	Citations
1	An increase in the 12C + 12C fusion rate from resonances at astrophysical energies. Nature, 2018, 557, 687-690.	27.8	123
2	The Bare AstrophysicalS(E) Factor of the7Li(p, Î±)Î± Reaction. Astrophysical Journal, 2001, 562, 1076-1080.	4.5	103
3	TheB11(p,Î±0)Be8reaction at sub-Coulomb energies via the Trojan-horse method. Physical Review C, 2004, 69, .	2.9	103
4	â€œTrojan horseâ€•method applied to2H(6Li,Î±)4Heat astrophysical energies. Physical Review C, 2001, 63, .	2.9	99
5	The Trojan Horse Method in nuclear astrophysics. Physics of Atomic Nuclei, 2011, 74, 1725-1739.	0.4	91
6	BIG BANG NUCLEOSYNTHESIS REVISITED VIA TROJAN HORSE METHOD MEASUREMENTS. Astrophysical Journal, 2014, 786, 112.	4.5	86
7	THE FLUORINE DESTRUCTION IN STARS: FIRST EXPERIMENTAL STUDY OF THE ¹⁹ F(<i>p</i> , Î±) Tj ETQq1 1 0.784314 rgB 2011, 739, L54.	8.3	85
8	First application of the Trojan horse method with a radioactive ion beam: Study of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msup><mml:mrow /><mml:mn>18</mml:mn></mml:msup><mml:mi mathvariant="normal">F</mml:mi><mml:msup><mml:mrow><mml:mo>(</mml:mo><mml:mi>p</mml:mi><mml:mo>,</mml:mo><mml mathvariant="normal">O</mml:mi></mml:mrow></mml:math>reaction at astrophysical energies. Physical Review C, 2015, 92, .	2.9	78
9	A NOVEL APPROACH TO MEASURE THE CROSS SECTION OF THE¹⁸O(<i>p</i>, Î±)¹⁵N RESONANT REACTION IN THE 0-200 keV ENERGY RANGE. Astrophysical Journal, 2010, 708, 796-811.	4.5	74
10	NEW DETERMINATION OF THE²H(<i>d</i>,<i>p</i>)³H AND²H(<i>d</i>,<i>n</i>)³He REACTION RATES AT ASTROPHYSICAL ENERGIES. Astrophysical Journal, 2014, 785, 96.	4.5	73
11	Validity test of the â€œTrojan horseâ€•method applied to the6Li(p,Î±)3Hereaction. Physical Review C, 2003, 67, .	2.9	71
12	Nuclear astrophysics and the Trojan Horse Method. European Physical Journal A, 2016, 52, 1.	2.5	70
13	Bare-nucleus astrophysical factor of theHe3(d,p)He4reaction via the â€œTrojan horseâ€•method. Physical Review C, 2005, 72, .	2.9	68
14	High-Precision Probe of the Fully Sequential Decay Width of the Hoyle State in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" 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>12</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>. Physical Review Letters, 2017, 119, 132501.	7.8	67
15	Measurement of the 20 and 90 keV Resonances in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none /><mml:mn>18</mml:mn></mml:mmultiscripts><mml:mo stretchy="false">(</mml:mo><mml:mi>p</mml:mi><mml:mo>,</mml:mo><mml:mi>Î±</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgBT mathvariant="normal">N</mml:mi><mml:mn	7.8	65
16	AN UPDATED⁶Li(<i>p</i>, Î±)³He REACTION RATE AT ASTROPHYSICAL ENERGIES WITH THE TROJAN HORSE METHOD. Astrophysical Journal, 2013, 768, 65.	4.5	63
17	New high accuracy measurement of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none		

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19	Astrophysical<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>E</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Td (stretchy="false">) 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>15</mml:m	2.9	59
20	Recent evaluation of the⁷Li(p,<i>Î±</i>)⁴He reaction rate at astrophysical energies via the Trojan Horse method. Astronomy and Astrophysics, 2012, 541, A158.	5.1	59
21	Experimental determination of the Be+p scattering lengths. Nuclear Physics A, 2003, 716, 211-229.	1.5	56
22	New Improved Indirect Measurement of the ¹⁹F(p, Î±)¹⁶O Reaction at Energies of Astrophysical Relevance. Astrophysical Journal, 2017, 845, 19.	4.5	56
23	Trojan horse particle invariance studied with the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Li</mml:mi><mml:mprescripts /><mml:none		

#	Article	IF	Citations
37	Low-energy <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi mathvariant="normal">d</mml:mi><mml:mo>+</mml:mo><mml:mi mathvariant="normal">d</mml:mi></mml:math> fusion reactions via the Trojan Horse Method. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 700, 111-115.	4.1	46
38	Trojan Horse estimate of bare nucleus astrophysical S(E)-factor for the $mathsf{^{6}}$Li(p,Î±)$^{mathsf{3}}$He reaction and its astrophysical implications. Astronomy and Astrophysics, 2005, 438, 779-784.	5.1	45
39	[illegible]se particle invariance for the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>2</mml:mn></mml:msup></mml:math>H(<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (xmlns:mml=" xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:	2.9	45
40	Proton-induced lithium destruction cross-section and its astrophysical implications. Astronomy and Astrophysics, 2003, 398, 423-427.	5.1	44
41	Measurement of cross section and astrophysical factor of the d(d,p)t reaction using the Trojan Horse Method. Nuclear Physics A, 2005, 758, 146-149.	1.5	44
42	Study of the 9Be(p,Î±)6Li reaction via the Trojan Horse Method. European Physical Journal A, 2006, 27, 221-225.	2.5	44
43	Trojan horse method applied to<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mi /><mml:mrow><mml:mn>9</mml:mn></mml:mrow></mml:msup><mml:mi mathvariant="normal">Be</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>p</mml:mi><mml:mo>,</mml:mo><mml:mi>Î±</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgBT / /><mml:mrow><mml:mn>6</mml:mn></mml:mrow></	2.9	44
44	Quasi-free 6Li(n,Î±)3H reaction at low energy from 2H break-up. European Physical Journal A, 2005, 25, 649-650.	2.5	43
45	Influence of theÎ±â˜dmotion inLi6on Trojan horse applications. Physical Review C, 2005, 71, .	2.9	43
46	Off-energy-shell<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>p</mml:mi><mml:mtext>â˜</mml:mtext><mml:mi>p</mml:mi></mml:mrow></mml:math>scat at sub-Coulomb energies via the Trojan horse method. Physical Review C, 2008, 78, .	2.9	42
47	[illegible] xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>17</mml:mn></mml:mrow></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>p</mml:mi><mml:mo>, mathvariant="normal">N</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>14</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>reaction rate me	2.9	40
48	First Measurement of the ¹⁹F(Î±, p)²²Ne Reaction at Energies of Astrophysical Relevance. Astrophysical Journal, 2017, 836, 57.	4.5	40
49	On the Determination of the ⁷Be(n, Î±)⁴He Reaction Cross Section at BBN Energies. Astrophysical Journal, 2017, 850, 175.	4.5	40
50	Validity test of the Trojan Horse Method applied to the 7Li + p â†' Î± + Î± reaction via the 3He break-up. European Physical Journal A, 2006, 27, 243-248.	2.5	39
51	Boron depletion: indirect measurement of the 10B(p,Î±)7Be S(E)-factor. Nuclear Physics A, 2007, 787, 309-314.	1.5	39
52	ASTROPHYSICAL IMPACT OF THE UPDATED⁹Be(p,<i>Î±</i>)⁶Li AND¹⁰B(p,<i>Î±</i>)⁷Be REACTION RATES AS DEDUCED BY THM. Astrophysical Journal, 2015, 811, 99.	4.5	39
53	A Trojan Horse Approach to the Production of ¹⁸F in Novae. Astrophysical Journal, 2017, 846, 65.	4.5	38
54	Astrophysics studies with the Trojan Horse Method. European Physical Journal A, 2019, 55, 1.	2.5	38

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55	Erratum to â€œLow-energy <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi mathvariant="normal">d</mml:mi><mml:mo>+</mml:mo><mml:mi mathvariant="normal">d</mml:mi></mml:math> fusion reactions via the Trojan Horse Methodâ€•[Phys. Lett. B 700(2) (2011) 111] Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy	4.1	37
56	Assessing the near threshold cross section of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none /><mml:mn>17</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mo>,</mml:mo><mml:mi>Î±</mml mathvariant="normal">C</mml:mi><mml:mprescripts /><mml:none /><mml:mn>14</mml:mn></mml:mmultiscripts></mml:mrow></mml:math>reaction by means of the Tro.	2.9	35
57	Measurement of the B10(p,Î±0)Be7 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
58	Astrophysical S-factor for the 3He(Î±,Î³)7Be reaction via the asymptotic normalization coefficient (ANC) method. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135606.	4.1	30
59	Molecular structures in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>T</mml:mi><mml:mo>=</mml:mo><mml:mn>1</mml:mn></mml:mrow></mml:math>states of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>10</mml:mn></mml:msup></mml:math>B. Physical Review C, 2011, 84, .	2.9	29
60	New Advances in the Trojan Horse Method as an Indirect Approach to Nuclear Astrophysics. Few-Body Systems, 2013, 54, 745-753.	1.5	29
61	The ¹⁹F(Î±, p)²²Ne Reaction at Energies of Astrophysical Relevance by Means of the Trojan Horse Method and Its Implications in AGB Stars. Astrophysical Journal, 2018, 860, 61.	4.5	29
62	The Trojan Horse Method: A Nuclear Physics Tool for Astrophysics. Annual Review of Nuclear and Particle Science, 2021, 71, 345-376.	10.2	27
63	Indirect techniques in nuclear astrophysics. European Physical Journal A, 2006, 27, 205-215.	2.5	22
64	Indirect measurement of the 15N(p,Î±)12C reaction cross section through the Trojan-Horse Method. European Physical Journal A, 2006, 27, 249-254.	2.5	22
65	Measurement of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">H</mml:mi><mml:mprescripts /><mml:none /><mml:mn>2</mml:mn></mml:mmultiscripts><mml:mrow><mml:mo>(</mml:mo><mml:mi>d</mml:mi><mml:mo>,</mml:mo><mml mathvariant="normal">H</mml:mi><mml:mprescripts /><mml:none /><mml:mn>3</mml:mn></mml:mmultiscripts></mml:mrow></mml:math>reaction at astrophysical ener	2.9	22
66	Evidence for O15+Î± resonance structures in Ne19 via direct measurement. Physical Review C, 2017, 96, .	2.9	21
67	Indirect measurement of the $$^3hbox {He}$$(n,p)$$^3hbox {H}$$ reaction cross section at Big Bang energies. European Physical Journal A, 2020, 56, 1.	2.5	21
68	Cross-section of $^{8}Li(alpha ,n)^{11}B$: Inhomogeneous Big Bang nucleosynthesis. European Physical Journal A, 2004, 20, 355-358.	2.5	20
69	Indirect measurement of the ¹⁸O(<i>p</i>, Î±)¹⁵N reaction rate through the THM. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014014.	3.6	20
70	On the magnitude of the 8Li + 4He â†’ 11B + n reaction cross section at the Big-Bang temperature. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 664, 157-161.	4.1	19
71	Status and Perspectives of the INFN-LNS In-Flight Fragment Separator. Journal of Physics: Conference Series, 2018, 1014, 012016.	0.4	19
72	Study of the 10B(p,$alpha_{1}$Î±1)7Be reaction by means of the Trojan Horse Method. European Physical Journal A, 2018, 54, 1.	2.5	19

#	ARTICLE	IF	CITATIONS
73	Impact of the New Measurement of the ¹²C + ¹²C Fusion Cross Section on the Final Compactness of Massive Stars. Astrophysical Journal, 2021, 916, 79.	4.5	18
74	Measurement of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Am</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>240</mml:mn></mml:mrow></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>n</mml:mi><mml:mo>,< cross section using the surrogate-ratio method. Physical Review C, 2014, 90, .	2.9	17
75	Constraining the Primordial Lithium Abundance: New Cross Section Measurement of the ⁷Be + n Reactions Updates the Total ⁷Be Destruction Rate. Astrophysical Journal Letters, 2021, 915, L13.	8.3	17
76	Indirect Study of the Astrophysically Relevant6Li(p, Î±)3He Reaction by Means of the Trojan Horse Method. Progress of Theoretical Physics Supplement, 2004, 154, 341-348.	0.1	16
77	Proton decay of excited states in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>12</mml:mn></mml:msup></mml:math>N and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>13</mml:mn></mml:msup></mml:math>O and the astrophysical<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow		

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91	SOLVING THE LARGE DISCREPANCY BETWEEN INCLUSIVE AND EXCLUSIVE MEASUREMENTS OF THE 8 Li + 4 He â†’ 11 B + n REACTION CROSS SECTION AT ASTROPHYSICAL ENERGIES. Astrophysical Journal, 2009, 706, L251-L255.	4.5	11
92	DWBA momentum distribution and its effect on THM. Nuclear Physics A, 2010, 834, 658c-660c.	1.5	11
93	Quasifree mechanism in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">Li</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>6</mml:mn></mml:mrow></mml:mmultiscripts><mml:mo>+</mml:mo><mml:mmultiscripts><mml:mi mathvariant="normal">Li</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>6</mml:mn></mml:mrow></mml:mmultiscripts><mml:mo>â†’</mml:mo><mml:mn>3</mml:mn><mml:mi>Î±	2.9	11
94	Investigation of Compton scattering for gamma beam intensity measurements and perspectives at ELI-NP. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 921, 27-32.	1.6	11
95	Measurement of the 7Li(Î³,t)4He ground-state cross section between EÎ³=4.4 and 10 MeV. Physical Review C, 2020, 101, .	2.9	11
96	Bare astrophysical S(E)-factor for the 6Li(d, Î±)4He and 7Li(p, Î±)4He reactions at astrophysical energies. Nuclear Physics A, 2003, 718, 496-498.	1.5	10
97	4Ï€ Neutron detection with low-intensity radioactive beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 581, 783-790.	1.6	10
98	Clustering in Non-Self-Conjugate Nuclei. Progress of Theoretical Physics Supplement, 2012, 196, 184-191.	0.1	10
99	Advancement of Photospheric Radius Expansion and Clocked Type-I X-Ray Burst Models with the New <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Mg</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>22</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow><mml:mo		

#	Article	IF	Citations
109	The $$^{27}hbox {Al}(hbox {p},alpha)^{24}hbox {Mg}$$ reaction at astrophysical energies studied by means of the Trojan Horse Method applied to the $$^2hbox {H}(^{27}hbox {Al},alpha ^{24}hbox) Tj ETQq1 1 0.784314 rgBT /Overl	2.6	7
110	Feasibility of studying astrophysically important charged-particle emission with the variable energy <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î³</mml:mi></mml:math> -ray system at the Extreme Light Infrastructureâ€"Nuclear Physics facility. Physical Review C, 2022, 105, .	2.9	7
111	The elastic scattering 7Be + p at low energies: implications on the 7Be(p, Î³)8Be S-factor. Nuclear Physics A, 2003, 719, C300-C303.	1.5	6
112	The astrophysical factor for the 11B(p,Î±0)8Be reaction extracted via the Trojan Horse method. Nuclear Physics A, 2004, 738, 406-410.	1.5	6
113	In flight production of a 8Li radioactive beam for Big Bang nucleosynthesis investigations at LNS Catania. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 565, 406-415.	1.6	6
114	No signature of nuclear-Coulomb interference in the proton-proton elastic scattering via the Trojan Horse Method. Nuclear Physics A, 2007, 787, 337-342.	1.5	6
115	Asymptotic normalization coefficient and important astrophysical process¹⁵N(p,Î³)¹⁶O. Journal of Physics: Conference Series, 2010, 202, 012017.	0.4	6
116	Indirect study of 11B(p,)8Be and 10B(p,Î±)7Be reactions at astrophysical energies by means of the Trojan Horse Method: recent results. Nuclear Physics A, 2010, 834, 655c-657c.	1.5	6
117	Beam-energy dependence and updated test of the Trojan-horse nucleus invariance via a measurement of the H2(d,p)H3 reaction at low energies. Physical Review C, 2017, 95, .	2.9	6
118	Investigation of the Hoyle state in¹²C with a new hodoscope detector. Journal of Physics: Conference Series, 2017, 876, 012006.	0.4	6
119	Nuclear Astrophysics at ELI-NP: the ELISSA prototype tested at Laboratori Nazionali del Sud. EPJ Web of Conferences, 2017, 165, 01026.	0.3	6
120	New High-Precision Measurement of the Reaction Rate of the ¹⁸O(<i>p</i>,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td 26, 237-242.	3.4	5
121	¹⁹F(p, Î±)¹⁶O and ¹⁹F(Î±,p)²²Ne Reaction Rate Measured via THM and Fluorine Nucleosynthesis in AGB stars. Journal of Physics: Conference Series, 2019, 1308, 012016.	0.4	5
122	Coulomb Suppression Effects in the Proton-Proton Elastic Scattering Extracted from the2H(p,pp)nReaction. Progress of Theoretical Physics Supplement, 2004, 154, 349-355.	0.1	4
123	The Trojan-Horse Method applied to the6Li(p,Î±)3He reaction down to astrophysical energies. Nuclear Physics A, 2004, 734, 639-642.	1.5	4
124	Trojan Horse Method: recent applications in nuclear astrophysics. Nuclear Physics A, 2010, 834, 639c-642c.	1.5	4
125	Publisher's Note: Two-proton decay of12O and its isobaric analog state in12N [Phys. Rev. C86, 011304(R) (2012)]. Physical Review C, 2012, 86, .	2.9	4
126	Trojan Horse Particle Invariance: An Extensive Study. Few-Body Systems, 2014, 55, 1001-1004.	1.5	4

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127	The Trojan Horse Method for nuclear astrophysics and its recent applications. EPJ Web of Conferences, 2017, 165, 01032.	0.3	4
128	Measurements of the neutron-induced reactions on 7Be with CRIB by the Trojan Horse method. AIP Conference Proceedings, 2018, , .	0.4	4
129	Study of the quasi-free $$^3hbox {He}+,^9hbox {Be}ightarrow 3alpha $$ reaction for the Trojan Horse Method. European Physical Journal A, 2020, 56, 1.	2.5	4
130	Experimental Nuclear Astrophysics With the Light Elements Li, Be and B: A Review. Frontiers in Astronomy and Space Sciences, 2021, 7, .	2.8	4
131	Direct and Indirect Measurements for a Better Understanding of the Primordial Nucleosynthesis. Frontiers in Astronomy and Space Sciences, 2020, 7, .	2.8	4
132	Neutron-Driven Nucleosynthesis in Stellar Plasma. Frontiers in Physics, 0, 10, .	2.1	4
133	Experimental study of the18O(d, p)19O reaction and the ANC Method. Journal of Physics: Conference Series, 2013, 420, 012142.	0.4	3
134	A new high-precision upper limit of direct Î±-decays from the Hoyle state in 12C. EPJ Web of Conferences, 2017, 165, 01020.	0.3	3
135	The ¹⁹F(<i>Î±</i>, p)²²Ne and ²³Na(p,<i>Î±</i>)²⁰Ne reaction in AGB nucleosynthesis via THM. EPJ Web of Conferences, 2018, 184, 02003.	0.3	3
136	Study of the neutron induced reaction ¹⁷O(n,Î±)¹⁴C at astrophysical energies via the Trojan Horse Method. EPJ Web of Conferences, 2020, 227, 02007.	0.3	3
137	^{10}B(n,$$alpha _{0}$$)^{7}Li and ^{10}B(n,$$alpha _{1}$$)^{7}Li reactions measured via Trojan Horse Method. European Physical Journal A, 2021, 57, 1.	2.5	3
138	Theoretical Predictions of Surface Light Element Abundances in Protostellar and Pre-Main Sequence Phase. Frontiers in Astronomy and Space Sciences, 2021, 8, .	2.8	3
139	Using the Trojan Horse Method to Investigate Resonances Above and Below the Threshold in Nuclear Reactions of Astrophysical Interest. Acta Physica Polonica B, 2016, 47, 681.	0.8	3
140	Trojan Horse Investigation for AGB Stellar Nucleosynthesis. Universe, 2022, 8, 128.	2.5	3
141	The 7Li(p, Î±)4He fusion reaction studied via the trojan horse method and its astrophysical implications. Nuclear Physics, Section B, Proceedings Supplements, 2003, 118, 455.	0.4	2
142	Pole approximation in the quasi-free t + p scattering and the t(p,d)d reaction via the t + d interaction. Few-Body Systems, 2008, 44, 353-356.	1.5	2
143	Trojan Horse Method: A tool to explore electron screening effect. Journal of Physics: Conference Series, 2010, 202, 012018.	0.4	2
144	Nuclear Astrophysics with the Trojan Horse Method. Journal of Physics: Conference Series, 2016, 665, 012009.	0.4	2

#	Article	IF	Citations
145	Study of16O(12C,Î±20Ne)Î± for the investigation of carbon-carbon fusion reaction via the Trojan Horse Method. Journal of Physics: Conference Series, 2016, 703, 012024.	0.4	2
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