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	Experimental study of the Si30(He3,d)P31 reaction and thermonuclear reaction rate of Si30(p,Î³)P31. Physical Review C, 2022, 105, .	2.9	2
2	Proton partial widths evaluation through the ³⁰Si(³He,<i>d</i>)³¹P transfer reaction for understanding abundance anomalies in Globular Clusters. EPJ Web of Conferences, 2022, 260, 01003.	0.3	0
3	Trojan Horse Investigation for AGB Stellar Nucleosynthesis. Universe, 2022, 8, 128.	2.5	3
4	Trojan Horse Method for n-induced reaction investigations at astrophysical energies. , 2022, , .		0
5	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
6	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Si</mml:mi><mml:mprescripts /><mml:none /><mml:mn>26</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>p</mml:mi><mml:mo>,</mml:mo><mml:mi>Î³</mml: mathvariant="normal">P</mml:mi><mml:mprescripts /><mml:none /><mml:mn>27</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> direct proton capture by mea	2.9	14
7	Experimental Nuclear Astrophysics With the Light Elements Li, Be and B: A Review. Frontiers in Astronomy and Space Sciences, 2021, 7, .	2.8	4
8	^{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
9	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
10	Editorial: Nuclear Reactions of Astrophysical Interest. Frontiers in Astronomy and Space Sciences, 2021, 8, .	2.8	0
11	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
12	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
13	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 ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.9	15
14	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 ETQq0 0 0 rgBT /Overlock 10 Tf	2.6	7
15	The Trojan Horse Method: A Nuclear Physics Tool for Astrophysics. Annual Review of Nuclear and Particle Science, 2021, 71, 345-376.	10.2	27
16	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		

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19	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
20	The ⁷Be((n,alpha))⁴He Reaction Studied via THM for the Cosmological Li-Problem. , 2020, , .		0
21	Clusters and their fundamental role for Trojan Horse Method. European Physical Journal A, 2020, 56, 1.	2.5	15
22	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
23	Resonant C-Burning at Astrophysical Energies. , 2020, , .		0
24	Indirect methods constraining nuclear capture - the Trojan Horse Method. Journal of Physics: Conference Series, 2020, 1668, 012045.	0.4	1
25	19F spectroscopy and implications for astrophysics. Journal of Physics: Conference Series, 2020, 1668, 012023.	0.4	1
26	Application of Trojan Horse Method to radioactive ion beams induced reactions. Journal of Physics: Conference Series, 2020, 1610, 012005.	0.4	2
27	Indirect study of the 3He(n, p)3H reaction at cosmological energies. Journal of Physics: Conference Series, 2020, 1668, 012039.	0.4	0
28	Study of 3He(n,p)3H reaction at cosmological energies with trojan horse method. EPJ Web of Conferences, 2020, 227, 02013.	0.3	1
29	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
30	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
31	Experimental Study on the 7Be((n,p))7Li and the 7Be((n,alpha))4He Reactions for Cosmological Lithium Problem. , 2020, , .		2
32	ANC experiments for nuclear astrophysics. EPJ Web of Conferences, 2020, 227, 01003.	0.3	1
33	Resonant reactions of astrophysical interest studied by means of the Trojan Horse Method. Two case studies. EPJ Web of Conferences, 2020, 227, 01011.	0.3	0
34	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
35	Preliminary results for the¹⁹F(Ï;Î±)¹⁶O reaction cross section measured at INFN-LNS. EPJ Web of Conferences, 2020, 227, 02009.	0.3	0
36	Direct and Indirect Measurements for a Better Understanding of the Primordial Nucleosynthesis. Frontiers in Astronomy and Space Sciences, 2020, 7, .	2.8	4

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37	Few-body reactions investigated with the Trojan Horse Method. SciPost Physics Proceedings, 2020, , .	0.4	0
38	Overview on the Trojan Horse Method in nuclear astrophysics. Journal of Physics: Conference Series, 2020, 1643, 012051.	0.4	0
39	Inclusive breakup measurements of the ⁷Li+ ¹¹⁹Sn reaction. Journal of Physics: Conference Series, 2020, 1643, 012085.	0.4	0
40	Fluorine Destruction in Stars Studied via Trojan Horse Method. , 2020, , .		0
41	Using the Trojan Horse Method to Discern (alpha _{0}) and (alpha _{1}) Channels for the ¹⁰B(n,(alpha))⁷Li Reaction. , 2020, , .		0
42	Fluorine Nucleosynthesis in AGB Stars in the Light of the ¹⁹F(p,<i>Î±</i>)¹⁶O and the ¹⁹F(<i>Î±</i>,p)²²Ne Reaction Rate Measured via the Trojan Horse Method. , 2020, , .		0
43	Fluorine Destruction in Stellar Environments. , 2020, , .		0
44	On the fluorine nucleosynthesis in AGB stars in the light of the 19F(p,Î±)16O and 19F(Î±,p)22Ne reaction rate measured via THM. International Journal of Modern Physics Conference Series, 2019, 49, 1960011.	0.7	0
45	The determination of the astrophysical S-factor of the direct 18O(p,$gamma$)19F capture by the ANC method. European Physical Journal A, 2019, 55, 1.	2.5	14
46	Nuclear astrophysics and resonant reactions: Exploring the threshold region with the Trojan Horse Method. International Journal of Modern Physics Conference Series, 2019, 49, 1960010.	0.7	0
47	Nuclear physics and its role for describing the early universe. International Journal of Modern Physics Conference Series, 2019, 49, 1960012.	0.7	1
48	Calibration of detectors for studying the 19F(p,Î±)16O reaction at astrophysical energies via the Trojan Horse Method. AIP Conference Proceedings, 2019, , .	0.4	0
49	Cross-section Measurement of the Cosmologically Relevant ⁷Be(n, Î±)⁴He Reaction over a Broad Energy Range in a Single Experiment. Astrophysical Journal, 2019, 879, 23.	4.5	49
50	THM applied to the investigation of explosive astrophysical scenarios. Journal of Physics: Conference Series, 2019, 1308, 012012.	0.4	0
51	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
52	Neutron-induced reactions investigated via the Trojan Horse Method. Journal of Physics: Conference Series, 2019, 1308, 012022.	0.4	0
53	Astrophysics studies with the Trojan Horse Method. European Physical Journal A, 2019, 55, 1.	2.5	38
54	Observation of N15+Î± resonant structures in F19 using the thick target in inverse kinematics scattering method. Physical Review C, 2019, 99, .	2.9	14

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55	Nuclear astrophysics experiments with trojan horse method. AIP Conference Proceedings, 2019, , .	0.4	0
56	Application of the THM to the investigation of reactions induced by unstable nuclei: the 18F(p,Î±)15O case. EPJ Web of Conferences, 2019, 223, 01030.	0.3	0
57	Nuclear Physics in Stellar Lifestyles with the Trojan Horse Method. EPJ Web of Conferences, 2019, 223, 01065.	0.3	0
58	The 10B(n,$alpha$)7Li cross sections at ultra-low energy through the Trojan Horse Method applied to the 2H(10B,$alpha^{7}$Li)1H. European Physical Journal A, 2019, 55, 1.	2.5	14
59	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
60	Trojan Horse Method: A Versatile Tool for Nuclear Astrophysics. Springer Proceedings in Physics, 2019, , 241-245.	0.2	0
61	The Resonant Behaviour of the ^{12} C+ ^{12} C Fusion Cross Section at Astrophysical Energies. Springer Proceedings in Physics, 2019, , 17-22.	0.2	0
62	Nuclear AstroPhysics at ELI-NP: Preliminary Experiments with ELISSA Detector. Springer Proceedings in Physics, 2019, , 219-223.	0.2	0
63	First Time Measurement of the ^{19} F(p, $$alpha _1$$) ^{16} O Reaction at Astrophysical Energies: Evidence of Resonances Through the Application of the Trojan Horse Method. Springer Proceedings in Physics, 2019, , 285-288.	0.2	0
64	The Cosmologically Relevant ^{7} Be(n, $$alpha $$) ^{4} He Reaction in View of the Recent THM Investigations. Springer Proceedings in Physics, 2019, , 53-56.	0.2	0
65	The $$^{19}mathrm{F}(alpha ,mathrm{p})^{22}$$ Ne and $$^{23}mathrm{Na}(mathrm{p},alpha) Tj ETQq1 1 0.784314 rgBT /Overlo Proceedings in Physics, 2019, , 339-342.	0.2	0
66	Neutron enhancement from laser interaction with a critical fluid. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 94-98.	2.1	9
67	Measurements of the neutron-induced reactions on 7Be with CRIB by the Trojan Horse method. AIP Conference Proceedings, 2018, , .	0.4	4
68	Trojan Horse Method experiments with radioactive ion beams. EPJ Web of Conferences, 2018, 184, 01008.	0.3	0
69	Improved information on astrophysical S-factor for the 10B(p,Î±0)7Be reaction using the Trojan Horse method. EPJ Web of Conferences, 2018, 184, 02002.	0.3	0
70	The Î±-decay of the Hoyle state in 12C: a new high-precision investigation. EPJ Web of Conferences, 2018, 184, 01005.	0.3	2
71	Development of the ELISSA array: prototype testing at Laboratori Nazionali del Sud. EPJ Web of Conferences, 2018, 184, 02006.	0.3	0
72	26Mg target for nuclear astrophysics measurements. EPJ Web of Conferences, 2018, 184, 02014.	0.3	0

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73	Trojan Horse cross section measurements and their impact on primordial nucleosynthesis. Journal of Physics: Conference Series, 2018, 940, 012017.	0.4	0
74	Status and Perspectives of the INFN-LNS In-Flight Fragment Separator. Journal of Physics: Conference Series, 2018, 1014, 012016.	0.4	19
75	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
76	C-burning at astrophysical energies via the Trojan Horse Method. AIP Conference Proceedings, 2018, , .	0.4	0
77	A new measurement of the direct alpha-decay width of the Hoyle state in 12C. AIP Conference Proceedings, 2018, , .	0.4	1
78	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
79	Determination of the photodisintegration reaction rates involving charged particles: Systematic calculations and proposed measurements based on the facility for Extreme Light Infrastructureâ€"Nuclear Physics. Physical Review C, 2018, 98, .	2.9	15
80	The Treiman-Yang Criterion: validating the Trojan Horse Method by experimentally probing the reaction mechanism. EPJ Web of Conferences, 2018, 184, 02012.	0.3	1
81	Probing the Early Universe through nuclear physics. Journal of Physics: Conference Series, 2018, 1078, 012017.	0.4	0
82	An increase in the 12C + 12C fusion rate from resonances at astrophysical energies. Nature, 2018, 557, 687-690.	27.8	123
83	ANC experiments for nuclear astrophysics in NPI CAS. EPJ Web of Conferences, 2018, 184, 01014.	0.3	0
84	The Trojan Horse Method in Nuclear Astrophysics. EPJ Web of Conferences, 2018, 184, 01016.	0.3	1
85	A Geant4-based Monte Carlo Tool for Nuclear Astrophysics. EPJ Web of Conferences, 2018, 184, 02008.	0.3	0
86	Triple $$alpha $$ Î± Resonances and Possible Link to the Efimov Trimers. Few-Body Systems, 2018, 59, 1.	1.5	1
87	Trojan horse measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">B</mml:mi><mml:mprescripts /><mml:none /><mml:mn>10</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>p</mml:mi><mml:mo>,</mml:mo><mml:msub><m /><mml:none /><mml:mn>7</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> cross section in the ene. Physical Review C, 2018, 97, .	2.9	16
88	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
89	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±</m 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
90	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

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91	First Measurement of the ¹⁹F(Î±, p)²²Ne Reaction at Energies of Astrophysical Relevance. Astrophysical Journal, 2017, 836, 57.	4.5	40
92	Study of the ¹⁷O(<i>n</i>, (alpha))¹⁴C Reaction: Extension of the Trojan Horse Method to the Neutrons Induced Reactions. , 2017, , .		1
93	Gamma ray beams for Nuclear Astrophysics: first results of tests and simulations of the ELISSA array. Journal of Instrumentation, 2017, 12, C03079-C03079.	1.2	12
94	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
95	Range of plasma ions in cold cluster gases near the critical point. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 1682-1686.	2.1	7
96	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
97	Publisher's Note: 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 [Phys. Rev. C 95 , 035804 (2017)]. Physical Review C, 2017, 95, .	2.9	0
98	A Trojan Horse Approach to the Production of ¹⁸F in Novae. Astrophysical Journal, 2017, 846, 65.	4.5	38
99	¹⁵O+Î± resonant elastic scattering to study cluster states in¹⁹Ne. Journal of Physics: Conference Series, 2017, 863, 012026.	0.4	0
100	Investigation of the Hoyle state in¹²C with a new hodoscope detector. Journal of Physics: Conference Series, 2017, 876, 012006.	0.4	6
101	New Improved Indirect Measurement of the ¹⁹F(p, Î±)¹⁶O Reaction at Energies of Astrophysical Relevance. Astrophysical Journal, 2017, 845, 19.	4.5	56
102	On the Determination of the ⁷Be(n, Î±)⁴He Reaction Cross Section at BBN Energies. Astrophysical Journal, 2017, 850, 175.	4.5	40
103	Evidence for O15+Î± resonance structures in Ne19 via direct measurement. Physical Review C, 2017, 96, .	2.9	21
104	C-burning via the Trojan horse method. AIP Conference Proceedings, 2017, , .	0.4	0
105	AGB nucleosynthesis: The 19F(Î±, p)22Ne reaction at astrophysical energies. AIP Conference Proceedings, 2017, , .	0.4	0
106	Trojan horse method with neutrons induced reactions: The 17O(n,Î±)14C reaction. AIP Conference Proceedings, 2017, , .	0.4	0
107	Fusion reactions induced by radioactive beams: the18F(p,Î±)15O case. EPJ Web of Conferences, 2017, 163, 00046.	0.3	0
108	The astrophysical S-factor of the direct 18O(p, Î³)19F capture by the ANC method. EPJ Web of Conferences, 2017, 165, 01007.	0.3	1

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109	VIII Nuclear Physics in Astrophysics International Conference (NPA8): Preface. EPJ Web of Conferences, 2017, 165, 00001.	0.3	0
110	Clusterization of light nuclei and the Trojan Horse Method. Journal of Physics: Conference Series, 2017, 863, 012072.	0.4	0
111	The Trojan Horse Method for nuclear astrophysics and its recent applications. EPJ Web of Conferences, 2017, 165, 01032.	0.3	4
112	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
113	A fast and complete GEANT4 and ROOT Object-Oriented Toolkit: GROOT. EPJ Web of Conferences, 2017, 165, 01034.	0.3	16
114	Nuclear reactions in AGB nucleosynthesis: the19F(Î±, p)22Ne at energies of astrophysical relevance. EPJ Web of Conferences, 2017, 165, 01019.	0.3	0
115	Nuclear Astrophysics at ELI-NP: the ELISSA prototype tested at Laboratori Nazionali del Sud. EPJ Web of Conferences, 2017, 165, 01026.	0.3	6
116	The Trojan Horse Method application on the 10B(p,Î±0)7Be reaction cross section measurements. EPJ Web of Conferences, 2017, 165, 01018.	0.3	0
117	The 10B(p,Î±)7Be 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
118	On the investigation of resonances above and below the threshold in nuclear reactions of astrophysical interest using the Trojan Horse Method.. Journal of Physics: Conference Series, 2017, 876, 012013.	0.4	0
119	The ¹⁸F((n),(alpha)) Reaction: First Study of (n)-Induced Reaction on a Radioactive Nucleus Using the Trojan Horse Method. , 2017, , .		0
120	Resonance Strength Measurement at Astrophysical Energies: The17O(p,Î±)14N Reaction Studied via THM. EPJ Web of Conferences, 2016, 117, 09016.	0.3	0
121	The Trojan Horse Method as a tool for investigating astrophysically relevant fusion reactions. EPJ Web of Conferences, 2016, 117, 09008.	0.3	0
122	The12C(12C,Î±)20Ne and12C(12C,p)23Na reactions at the Gamow peak via the Trojan Horse Method. EPJ Web of Conferences, 2016, 117, 09004.	0.3	1
123	Primordial nucleosynthesis revisited via Trojan Horse Results. EPJ Web of Conferences, 2016, 117, 09010.	0.3	1
124	Nuclear Astrophysics with the Trojan Horse Method. Journal of Physics: Conference Series, 2016, 665, 012009.	0.4	2
125	Lithium and age of pre-main sequence stars: the case of Parenago 1802. Journal of Physics: Conference Series, 2016, 703, 012018.	0.4	0
126	First evidences for19F(Î±,p)22Ne at astrophysical energies. Journal of Physics: Conference Series, 2016, 703, 012016.	0.4	0

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127	Nuclear astrophysics and the Trojan Horse Method. European Physical Journal A, 2016, 52, 1.	2.5	70
128	A hitchhikerâ€™s guide to the Trojan Horse Method. Journal of Physics: Conference Series, 2016, 703, 012010.	0.4	0
129	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
130	Trojan Horse measurement of the 18F(p, $alpha$)15O astrophysical S(E)-factor. European Physical Journal A, 2016, 52, 1.	2.5	50
131	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
132	Improvement of the high-accuracy<mml:math 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
133	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
134	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
135	Study of the 10B(p,Î±)7Be reaction through the indirect Trojan Horse method. , 2015, , .		0
136	Impact of THM reaction rates for astrophysics. AIP Conference Proceedings, 2015, , .	0.4	0
137	Resonance strength measurement at astrophysical energies: The 17O(p,Î±)14N reaction studied via Trojan Horse Method. AIP Conference Proceedings, 2015, , .	0.4	1
138	The AGB star nucleosynthesis in the light of the recent 17O(p,Î±)14N and 18O(p,Î±)15N reaction rate determinations. , 2015, , .		0
139	THM determination of the 65 keV resonance strength intervening in the 17O(p,Î±)14N reaction rate. , 2015, , .		0
140	Trojan Horse Method: recent results in nuclear astrophysics. Journal of Physics: Conference Series, 2015, 630, 012020.	0.4	0
141	The effect of the recent17O(p,Î±)14N and18O(p,Î±)15N fusion cross section measurements in the nucleosynthesis of AGB stars. EPJ Web of Conferences, 2015, 86, 00030.	0.3	0
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251	display="inline"><mml:mrow><mml:mi>S</mml:mi></mml:mrow></mml:math>factor for 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>15</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 stretchy="	2.9	48
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