Marco La Cognata

List of Publications by Year
in descending order

316 papers	4,433 citations	66336 42 h-index	138468 58 g-index
326 all docs	326 docs citations	326 times ranked	1161 citing authors

#	Article	IF	Citations
1	Indirect techniques in nuclear astrophysics: a review. Reports on Progress in Physics, 2014, 77, 106901.	20.1	178
2	An increase in the 12C + 12C fusion rate from resonances at astrophysical energies. Nature, 2018, 557, 687-690.	27.8	123
3	DEEP MIXING IN EVOLVED STARS. I. THE EFFECT OF REACTION RATE REVISIONS FROM C TO Al. Astrophysical Journal, 2011, 729, 3.	4.5	113
4	TheB11(p,Î±0)Be8reaction at sub-Coulomb energies via the Trojan-horse method. Physical Review C, 2004, 69, .	2.9	103
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 rg8 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	Nuclear astrophysics and the Trojan Horse Method. European Physical Journal A, 2016, 52, 1.	2.5	70
12	Bare-nucleus astrophysical factor of theHe3(d,p)He4reaction via the â€œTrojan horseâ€•method. Physical Review C, 2005, 72, .	2.9	68
13	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
14	Measurement of the 20 and 90Â 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 ETQq0 0 0 rgBT /Overlock mathvariant="normal">N</mml:mi><mml:mp	7.8	65
15	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
16	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	ON THE NEED FOR DEEP-MIXING IN ASYMPTOTIC GIANT BRANCH STARS OF LOW MASS. Astrophysical Journal Letters, 2010, 717, L47-L51.	8.3	58
22	Perspectives for photonuclear research at the Extreme Light Infrastructure - Nuclear Physics (ELI-NP) facility. European Physical Journal A, 2015, 51, 1.	2.5	56
23	New Improved Indirect Measurement of the ¹⁹F(p, Î±)¹⁶O Reaction at Energies of Astrophysical Relevance. Astrophysical Journal, 2017, 845, 19.	4.5	56
24	Trojan Horse as an indirect technique in nuclear astrophysics. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014016.	3.6	54
25	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	THE RGB AND AGB STAR NUCLEOSYNTHESIS IN LIGHT OF THE RECENT¹⁷O(<i>p</i>,) Tj ETQq1 1 0.784314 rgBT /Overlock Astrophysical Journal, 2013, 764, 128.	4.5	47
38	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
39	Updated evidence of the Trojan horse 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	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
41	Study of the 9Be(p,Î±)6Li reaction via the Trojan Horse Method. European Physical Journal A, 2006, 27, 221-225.	2.5	44
42	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
43	Influence of theÎ±â˜dmotion inLi6on Trojan horse applications. Physical Review C, 2005, 71, .	2.9	43
44	Measurement of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mo>â˜</mml:mo><mml:mn>3</mml:mn><mml:mtext>â€‰</mml:mtext><mml:mtext>â€‰</mml:mtext><mm in the Reaction<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">C</mml:mi><mml:mprescripts /><mml:none /><mml:mn>13</mml:mn></mml:mmultiscripts><mml:mo		

#	Article	IF	Citations
55	Astrophysics studies with the Trojan Horse Method. European Physical Journal A, 2019, 55, 1.	2.5	38
56	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 Physics, 2011, 705, 546.	4.1	37
57	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
58	Reevaluation of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Ne</mml:mi><mml:mprescripts /><mml:none /><mml:mn>22</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>Î±</mml:mi><mml:mo>,</mml:mo><mml:mi>Î³</mml... /><mml:none /><mml:mn>26</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mm. Physical C	2.9	34
59	Concurrent Application of ANC and THM to assess the ¹³C(Î±, n)¹⁶O Absolute Cross Section at Astrophysical Energies and Possible Consequences for Neutron Production in Low-mass AGB Stars. Astrophysical Journal, 2017, 837, 41.	4.5	32
60	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
61	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
62	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
63	New Advances in the Trojan Horse Method as an Indirect Approach to Nuclear Astrophysics. Few-Body Systems, 2013, 54, 745-753.	1.5	29
64	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
65	New investigations of the¹⁰B(p,${alpha }_{0}$)⁷Be reaction at bombarding energies between 0.6 and 1 MeV. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 045109.	3.6	27
66	The Trojan Horse Method: A Nuclear Physics Tool for Astrophysics. Annual Review of Nuclear and Particle Science, 2021, 71, 345-376.	10.2	27
67	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
68	Trends in particle and nuclei identification techniques in nuclear physics experiments. Rivista Del Nuovo Cimento, 2022, 45, 189-276.	5.7	22
69	Astrophysical<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" 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		

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73	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
74	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
75	Status and Perspectives of the INFN-LNS In-Flight Fragment Separator. Journal of Physics: Conference Series, 2018, 1014, 012016.	0.4	19
76	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
77	Probing proton halo effects in the 8B+64Zn collision around the Coulomb barrier. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136477.	4.1	19
78	A Novel Approach to Î²-Decay: PANDORA, a New Experimental Setup for Future In-Plasma Measurements. Universe, 2022, 8, 80.	2.5	19
79	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
80	A new study of 10B(p, $alpha$)7Be reaction at low energies. European Physical Journal A, 2016, 52, 1.	2.5	17
81	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
82	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
83	A fast and complete GEANT4 and ROOT Object-Oriented Toolkit: GROOT. EPJ Web of Conferences, 2017, 165, 01034.	0.3	16
84	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><mml /><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
85	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
86	Clusters and their fundamental role for Trojan Horse Method. European Physical Journal A, 2020, 56, 1.	2.5	15
87	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
88	Indirect Techniques in Nuclear Astrophysics. Asymptotic Normalization Coefficient and Trojan Horse. Nuclear Physics A, 2007, 787, 321-328.	1.5	14
89	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
90	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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91	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
92	<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	2.9	14
93	mathvariant="bold">25</mml:mn></mml:msup><mml:mspace width="-0.16em" /><mml:mtext>Al</mml:mtext><mml:mo>+</mml:mo><mml:mi>p</mml:mi></mml:mrow></mml:math>resonances via elastic proton scattering with a radioactive<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:m	2.9	12
94	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
95	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
96	DWBA momentum distribution and its effect on THM. Nuclear Physics A, 2010, 834, 658c-660c.	1.5	11
97	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
98	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
99	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
100	Clustering in Non-Self-Conjugate Nuclei. Progress of Theoretical Physics Supplement, 2012, 196, 184-191.	0.1	10
101	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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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 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
112	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
113	Asymptotic normalization coefficient and important astrophysical process¹⁵N(p,Î³)¹⁶O. Journal of Physics: Conference Series, 2010, 202, 012017.	0.4	6
114	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
115	Investigation of the Hoyle state in¹²C with a new hodoscope detector. Journal of Physics: Conference Series, 2017, 876, 012006.	0.4	6
116	Nuclear Astrophysics at ELI-NP: the ELISSA prototype tested at Laboratori Nazionali del Sud. EPJ Web of Conferences, 2017, 165, 01026.	0.3	6
117	New High-Precision Measurement of the Reaction Rate of the ¹⁸O(<i>p</i>,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 26, 237-242.	3.4	5
118	Low-energy<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>R</mml:mi></mml:math>-matrix fits for 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:mrow><mml:mo>(</mml:mo><mml:mi>d</mml:mi><m	2.9	5
119	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
120	Exploring the astrophysical energy range of the 27Al<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mo stretchy="false">(</mml:mo><mml:mi>p</mml:mi><mml:mo>,</mml:mo><mml:mi>Î±</mml:mi><mml:mo) Tj ETQq0 0 0 rgBT /Overlock /><mml:mrow><mml:mn>24</mml:mn></mml:mrow></mml:msup></mml:math>Mg reaction: A new recommended reaction rate. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy P	4.1	5
121	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
122	Trojan Horse Method: recent applications in nuclear astrophysics. Nuclear Physics A, 2010, 834, 639c-642c.	1.5	4
123	Trojan Horse method and radioactive ion beams: study of¹⁸F(p,Î±)¹⁵O reaction at astrophysical energies. Journal of Physics: Conference Series, 2013, 420, 012149.	0.4	4
124	Trojan Horse Particle Invariance: An Extensive Study. Few-Body Systems, 2014, 55, 1001-1004.	1.5	4
125	Experimental study to explore theBe8-induced nuclear reaction via the Trojan horse method. Physical Review C, 2016, 93, .	2.9	4
126	The Trojan Horse Method for nuclear astrophysics and its recent applications. EPJ Web of Conferences, 2017, 165, 01032.	0.3	4

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127	Measurements of the neutron-induced reactions on 7Be with CRIB by the Trojan Horse method. AIP Conference Proceedings, 2018, , .	0.4	4
128	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
129	Low Mass Stars or Intermediate Mass Stars? The Stellar Origin of Presolar Oxide Grains Revealed by Their Isotopic Composition. Frontiers in Astronomy and Space Sciences, 2021, 7, .	2.8	4
130	Neutron-Driven Nucleosynthesis in Stellar Plasma. Frontiers in Physics, 0, 10, .	2.1	4
131	Experimental study of the18O(d, p)19O reaction and the ANC Method. Journal of Physics: Conference Series, 2013, 420, 012142.	0.4	3
132	First time evidence of pronounced plateaus right above the Coulomb barrier in 8 Li + 4 He fusion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 449-452.	4.1	3
133	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
134	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
135	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
136	^{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
137	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
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