Silvio Cherubini

List of Publications by Year
in descending order

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212	3,955	81743	133063
papers	citations	39 h-index	59 g-index

217	217	217	1018
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	g 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 ETQq1 1 0.784314 rgBT /><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	1.5	5
2	Trojan Horse Investigation for AGB Stellar Nucleosynthesis. Universe, 2022, 8, 128.	0.9	3
3	^{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.	1.0	3
4	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.	3.0	17
5	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 /Overlo	1.2	2
6	Indirect methods constraining nuclear capture - the Trojan Horse Method. Journal of Physics: Conference Series, 2020, 1668, 012045.	0.3	1
7	19F spectroscopy and implications for astrophysics. Journal of Physics: Conference Series, 2020, 1668, 012023.	0.3	1
8	Application of Trojan Horse Method to radioactive ion beams induced reactions. Journal of Physics: Conference Series, 2020, 1610, 012005.	0.3	2
9	Resonant reactions of astrophysical interest studied by means of the Trojan Horse Method. Two case studies. EPJ Web of Conferences, 2020, 227, 01011.	0.1	0
10	Preliminary results for the¹⁹F(Ï¸Î±)¹⁶O reaction cross section measured at INFN-LNS. EPJ Web of Conferences, 2020, 227, 02009.	0.1	0
11	Overview on the Trojan Horse Method in nuclear astrophysics. Journal of Physics: Conference Series, 2020, 1643, 012051.	0.3	0
12	Inclusive breakup measurements of the ⁷Li+ ¹¹⁹Sn reaction. Journal of Physics: Conference Series, 2020, 1643, 012085.	0.3	0
13	Experiments on astrophysical reactions with low-energy unstable nuclei beams at CRIB. Journal of Physics: Conference Series, 2020, 1643, 012069.	0.3	0
14	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
15	Calibration of detectors for studying the 19F(p,Î±)16O reaction at astrophysical energies via the Trojan Horse Method. AIP Conference Proceedings, 2019, , .	0.3	0
16	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.	1.6	49
17	THM applied to the investigation of explosive astrophysical scenarios. Journal of Physics: Conference Series, 2019, 1308, 012012.	0.3	0
18	Neutron-induced reactions investigated via the Trojan Horse Method. Journal of Physics: Conference Series, 2019, 1308, 012022.	0.3	0

#	Article	IF	Citations
19	Observation of N15+Î± resonant structures in F19 using the thick target in inverse kinematics scattering method. Physical Review C, 2019, 99, .	1.1	14
20	Nuclear astrophysics experiments with trojan horse method. AIP Conference Proceedings, 2019, , .	0.3	0
21	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.	0.1	0
22	Nuclear Physics in Stellar Lifestyles with the Trojan Horse Method. EPJ Web of Conferences, 2019, 223, 01065.	0.1	0
23	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.	1.0	14
24	The Resonant Behaviour of the ^{12} C+ ^{12} C Fusion Cross Section at Astrophysical Energies. Springer Proceedings in Physics, 2019, , 17-22.	0.1	0
25	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.	0.1	0
26	The $$^{19}mathrm{F}(alpha ,mathrm{p})^{22}$$ Ne and $$^{23}mathrm{Na}(mathrm{p},alpha) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Proceedings in Physics, 2019, , 339-342.	0.1	0
27	Measurements of the neutron-induced reactions on 7Be with CRIB by the Trojan Horse method. AIP Conference Proceedings, 2018, , .	0.3	4
28	Trojan Horse Method experiments with radioactive ion beams. EPJ Web of Conferences, 2018, 184, 01008.	0.1	0
29	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.	1.0	19
30	C-burning at astrophysical energies via the Trojan Horse Method. AIP Conference Proceedings, 2018, , .	0.3	0
31	The ¹⁹F(Î±, p)²²Ne and ²³Na(p,Î±)²⁰Ne reaction in AGB nucleosynthesis via THM. EPJ Web of Conferences, 2018, 184, 02003.	0.1	3
32	Indirect methods in nuclear astrophysics. European Physical Journal Plus, 2018, 133, 1.	1.2	0
33	An increase in the 12C + 12C fusion rate from resonances at astrophysical energies. Nature, 2018, 557, 687-690.	13.7	123
34	The Trojan Horse Method in Nuclear Astrophysics. EPJ Web of Conferences, 2018, 184, 01016.	0.1	1
35	Indirect studies on astrophysical reactions at the low-energy RI beam separator CRIB. AIP Conference Proceedings, 2018, , .	0.3	0
36	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:none /><mml:mn>7</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> cross section in the ene. Physical Review C, 2018, 97, .	1.1	16

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37	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.	1.6	29
38	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, .	1.1	30
39	First Measurement of the ¹⁹F(Î±, p)²²Ne Reaction at Energies of Astrophysical Relevance. Astrophysical Journal, 2017, 836, 57.	1.6	40
40	A Trojan Horse Approach to the Production of ¹⁸F in Novae. Astrophysical Journal, 2017, 846, 65.	1.6	38
41	New Improved Indirect Measurement of the ¹⁹F(p, Î±)¹⁶O Reaction at Energies of Astrophysical Relevance. Astrophysical Journal, 2017, 845, 19.	1.6	56
42	C-burning via the Trojan horse method. AIP Conference Proceedings, 2017, , .	0.3	0
43	Fusion reactions induced by radioactive beams: the18F(p,Î±)15O case. EPJ Web of Conferences, 2017, 163, 00046.	0.1	0
44	Clusterization of light nuclei and the Trojan Horse Method. Journal of Physics: Conference Series, 2017, 863, 012072.	0.3	0
45	Nuclear reactions in AGB nucleosynthesis: the19F(Î±, p)22Ne at energies of astrophysical relevance. EPJ Web of Conferences, 2017, 165, 01019.	0.1	0
46	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.	0.3	0
47	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.	0.1	1
48	Studying astrophysical reactions with low-energy RI beams at CRIB. EPJ Web of Conferences, 2016, 117, 09005.	0.1	0
49	Nuclear Astrophysics with the Trojan Horse Method. Journal of Physics: Conference Series, 2016, 665, 012009.	0.3	2
50	Trojan Horse measurement of the 18F(p, $alpha$)15O astrophysical S(E)-factor. European Physical Journal A, 2016, 52, 1.	1.0	50
51	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:mi mathvariant="normal">O</mml:mi></mml:mrow></mml:math>reaction at astrophysical energies. Physical Review C, 2015, 92, .	1.1	78
52	Trojan Horse Method: recent results in nuclear astrophysics. Journal of Physics: Conference Series, 2015, 630, 012020.	0.3	0
53	Development and performance test of the analysis software for the CRIB active target. Journal of the Korean Physical Society, 2015, 66, 459-464.	0.3	0
54	Application of the Trojan Horse Method to study neutron induced reactions: the17O(n,Î±)14Creaction. EPJ Web of Conferences, 2014, 66, 07008.	0.1	0

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55	Lithium and boron burning S(E)-factor measurements at astrophysical energies via the Trojan Horse Method. EPJ Web of Conferences, 2014, 66, 07012.	0.1	0
56	From Nuclei to Stars with a Trojan Horse. Acta Physica Polonica B, 2014, 45, 181.	0.3	1
57	Active target studies of the Î±p-process at CRIB. , 2014, , .		10
58	First results of Trojan horse method using radioactive ion beams: 18F(p,Î±) at astrophysical energies. , 2014, , .		0
59	Study of the 17O(n,Î±)14C reaction: Extension of the Trojan Horse Method to neutron induced reactions. , 2014, , .		0
60	The Trojan Horse method for nuclear astrophysics: Recent results on resonance reactions. , 2014, , .		0
61	17O(p,Î±)14N reaction measurement at astrophysical energies. , 2014, , .		0
62	The 17O(p,Î±)14N reaction measurement via the Trojan horse method and its application to 17O nucleosynthesis. , 2014, , .		0
63	The Trojan Horse method for nuclear astrophysics: Recent results for direct reactions. , 2014, , .		0
64	Elastic scattering of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Al</mml:mi><mml:mprescripts /><mml:none /><mml:mn>25</mml:mn></mml:mmultiscripts><mml:mo>+</mml:mo><mml:mi>p</mml:mi></mml:math>to explore the resonance structure in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="norm	1.1	5
65	In-beam Î³-ray Spectroscopy of 30P via the 28Si(3He,pÎ³)30P Reaction. Nuclear Data Sheets, 2014, 120, 88-90.	0.7	1
66	Role of clusters in nuclear astrophysics with Cluster Nucleosynthesis Diagram (CND). Journal of Physics: Conference Series, 2013, 436, 012071.	0.3	2
67	New Advances in the Trojan Horse Method as an Indirect Approach to Nuclear Astrophysics. Few-Body Systems, 2013, 54, 745-753.	0.7	29
68	Experimental challenge to nucleosynthesis in core-collapse supernovae - Very early epoch of type II SNe -. , 2013, , .		0
69	Nuclear structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>30</mml:mn></mml:msup></mml:math>S and its implications for nucleosynthesis in classical novae. Physical Review C, 2013, 87, .	1.1	8
70	Suppression of the centrifugal barrier effects in the off-energy-shell neutron<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo>+</mml:mo><mml:msup><mml:mrow /><mml:mn>17</mml:mn></mml:msup><mml:mi mathvariant="bold">O</mml:mi></mml:mrow></mml:math>interaction. Physical Review C, 2013, 87, .	1.1	54
71	Investigation of the¹⁹F(p, Î±)¹⁶O reaction in the THM framework. Journal of Physics: Conference Series, 2013, 420, 012139.	0.3	1
72	Trojan Horse method and radioactive ion beams: study of¹⁸F(p,Î±)¹⁵O reaction at astrophysical energies. Journal of Physics: Conference Series, 2013, 420, 012149.	0.3	4

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73	Electron screening effects in (p,Î±) reactions induced on boron isotopes studied via the Trojan Horse Method. Journal of Physics: Conference Series, 2013, 436, 012075.	0.3	0
74	Light nuclear clusters to look into the bright stars. , 2012, , .		1
75	Strong<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow /><mml:mn 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:mrow /><mml:mn	1.1	12
76	Experimental study of resonant states in27P via elastic scattering of26Si+p. Physical Review C, 2012, 85, .	1.1	21
77	New measurement of the¹¹B(p,Î±₀)⁸Be bare-nucleusS(E) factor via the Trojan horse method. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 015106.	1.4	53
78	Trojan Horse Method and RIBs: The [sup 18]F(p,Î±)[sup 15]O reaction at astrophysical energies. , 2012, , .		1
79	Study of proton resonance structure in [sup 27]P via resonant elastic scattering of [sup 26]Si+p. , 2012, , .		0
80	Measurement of [sup 25]Al+p resonant elastic scattering for studying the [sup 25]Al(p,Î³)[sup 26]Si. , 2012, , .		0
81	Experimental challenge to nuclear physics problems in the Î½p-process. , 2012, , .		0
82	The fluorine destruction in stars: First experimental study of the [sup 19]F(p,Î±)[sup 16]O reaction at astrophysical energies. , 2012, , .		0
83	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		

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91	Title is missing!. Acta Physica Polonica B, 2011, 42, 769.	0.3	1
92	Trojan Horse Method: A tool to explore electron screening effect. Journal of Physics: Conference Series, 2010, 202, 012018.	0.3	2
93	The Trojan Horse method as an indirect approach for nuclear astrophysics studies. Journal of Physics: Conference Series, 2010, 205, 012048.	0.3	0
94	Indirect measurement of17O(p,Î±)14N cross section at ultra-low energies. Journal of Physics: Conference Series, 2010, 202, 012021.	0.3	0
95	First measurement of the¹⁸O(p,Î±)¹⁵N cross section at astrophysical energies. Journal of Physics: Conference Series, 2010, 202, 012019.	0.3	1
96	Coulomb suppression in the low-energy p-p elastic scattering via the Trojan Horse Method. , 2010, , .		0
97	First Experimental Measurement of the [sup 18]O(p,Î±)[sup 15]N Reaction at Astrophysical Energies. , 2010, , .		0
98	Indirect Approach To The [sup 2]H(d,p)[sup 3]H Reaction Study. , 2010, , .		1
99	A NOVEL APPROACH TO MEASURE THE CROSS SECTION OF THE¹⁸O(p, Î±)¹⁵N RESONANT REACTION IN THE 0-200 keV ENERGY RANGE. Astrophysical Journal, 2010, 708, 796-811.	1.6	74
100	Trojan Horse Method: recent applications in nuclear astrophysics. Nuclear Physics A, 2010, 834, 639c-642c.	0.6	4
101	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.	0.6	6
102	Trojan Horse Method: a useful tool for electron screening effect investigation. Nuclear Physics A, 2010, 834, 673c-675c.	0.6	1
103	Pole approximation validation in the study of the [sup 6]Li(d,Î±)[sup 4]He reaction. , 2010, , .		0
104	Study of the⁶Li(n, Î±)³H reaction via the²H quasi-free break-up. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 125105.	1.4	52
105	Toward correction-free⁸Li(Î±,n)¹¹B data at the Gamow energy of explosive nucleosynthesis. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 105105.	1.4	9
106	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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109	Improved Results on Extraction of [sup 11]B(p, Î±[sub 0])[sup 8]Be and [sup 10]B(p, Î±)[sup 7]Be S(E)-Factor Through the Trojan Horse Method. , 2010, , .		0
110	Nuclear Astrophysics and Neutron Induced Reactions: Quasi-Free Reactions and RIBs. , 2010, , .		0
111	Study of the [sup 10]B(p,Î±)[sup 7]Be Reaction through the Indirect Trojan Horse Method. , 2010, , .		0
112	Nuclear Proton-proton Elastic Scattering via the Trojan Horse Method. , 2009, , .		0
113	Effects of Distortion on the Intercluster Motion in Light Nuclei. , 2009, , .		0
114	New results on the Trojan Horse Method applied to the [sup 10,11]B+p reactions. , 2009, , .		1
115	The study of [sup 18]F+p reaction at astrophysical energies. , 2009, , .		0
116	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.	1.6	11
117	New High-Precision Measurement of the Reaction Rate of the ¹⁸O(p,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 26, 237-242.	1.3	5
118	Proton-proton elastic scattering via the Trojan horse method. Few-Body Systems, 2008, 43, 219-225.	0.7	1
119	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.	0.7	2
120	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.	1.5	19
121	Study of the elastic scattering of 6He on 208Pb at energies around the Coulomb barrier. Nuclear Physics A, 2008, 803, 30-45.	0.6	148
122	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, .	3.1	42
123	The Trojan horse method in nuclear astrophysics: recent results. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014008.	1.4	7
124	Indirect Measurement of [sup 15]N(p,Î±)[sup 12]C and [sup 18]O(p,Î±)[sup 15]N. Applications to the AGB Star Nucleosynthesis. AIP Conference Proceedings, 2008, , .	0.3	0
125	Indirect measurement of the ¹⁸O(p, Î±)¹⁵N reaction rate through the THM. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014014.	1.4	20
126	Indirect Measurements for (p,Î±) Reactions Involving Boron Isotopes. AIP Conference Proceedings, 2008, , .	0.3	0

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127	ment of the 20 and 90ÂkeV 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	2.9	65
128	The trojan horse method as indirect technique in nuclear astrophysics. Journal of Physics: Conference Series, 2008, 111, 012033.	0.3	0
129	Suppression of the Coulomb Interaction in the Off-Energy-Shellpâ^'pScattering from thep+dât'p+p+nReaction. Physical Review Letters, 2007, 98, 252502.	2.9	59
130	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 ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (stretchy="false">)</mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">N</mml:mi><mml:mprescripts /><mml:none	1.1	59
131	ÂÏ€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.	0.7	10
132	Indirect study of 19Ne states near the threshold. Nuclear Physics A, 2007, 791, 251-266.	0.6	13
133	Boron depletion: indirect measurement of the 10B(p,Î±)7Be S(E)-factor. Nuclear Physics A, 2007, 787, 309-314.	0.6	39
134	Indirect Techniques in Nuclear Astrophysics. Asymptotic Normalization Coefficient and Trojan Horse. Nuclear Physics A, 2007, 787, 321-328.	0.6	14
135	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
136	Î±-particle production in the scattering of 6He by 208Pb at energies around the Coulomb barrier. Nuclear Physics A, 2007, 792, 2-17.	0.6	45
137	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.	0.7	6
138	Long range absorption in the scattering of 6He on 208Pb and 197Au at 27 MeV. Nuclear Physics A, 2006, 765, 294-306.	0.6	59
139	Transfer, sequential decay, and quasi-free reactions induced by 18-MeV 6He beam on 6Li, 7Li, and 12C. Physics of Atomic Nuclei, 2006, 69, 1360-1365.	0.1	6
140	Structure effects on reaction mechanisms in collisions induced by radioactive ion beams. Physics of Atomic Nuclei, 2006, 69, 1366-1371.	0.1	7
141	Indirect techniques in nuclear astrophysics. European Physical Journal A, 2006, 27, 205-215.	1.0	22
142	Study of the 9Be(p,Î±)6Li reaction via the Trojan Horse Method. European Physical Journal A, 2006, 27, 221-225.	1.0	44
143	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.	1.0	39
144	Indirect measurement of the 15N(p,Î±)12C reaction cross section through the Trojan-Horse Method. European Physical Journal A, 2006, 27, 249-254.	1.0	22

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145	6 He quasi-free scattering off clusters in 6 Li?. Europhysics Letters, 2006, 76, 801-807.	0.7	4
146	Improved information on the 7Li+pâ†'Î±+Î± reaction via the Trojan Horse Method applied to the 3He break-up. AIP Conference Proceedings, 2006, , .	0.3	0
147	Indirect techniques in nuclear astrophysics. AIP Conference Proceedings, 2006, , .	0.3	0
148	Trojan Horse Method: Recent Experiments. AIP Conference Proceedings, 2006, , .	0.3	0
149	Reactions induced by 18 MeV 6He beam on 6Li, 7Li and 12C. AIP Conference Proceedings, 2006, , .	0.3	0
150	Reaction Mechanisms in Collisions Induced by Halo and/or Weakly Bound Nuclei Around the Barrier: the 13N+9Be and 6He+64Zn Collisions. AIP Conference Proceedings, 2006, , .	0.3	0
151	Validity test of the Trojan Horse Method applied to the 7Li + p â†' Î± + Î± reaction via the 3He break-up. , 2006, , 243-248.		0
152	Indirect measurement of the 15N(p, Î±)12C reaction cross section through the Trojan-Horse Method. , 2006, , 249-254.		0
153	Study of the 9Be(p, Î±)6Li reaction via the Trojan Horse Method. , 2006, , 221-225.		0
154	Indirect techniques in nuclear astrophysics. , 2006, , 205-215.		0
155	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.	2.1	45
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