Aurora Tumino

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5723659/publications.pdf

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228	3,761	81900	161849
papers	citations	39 h-index	54 g-index

236	236	236	1068
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The status and future of direct nuclear reaction measurements for stellar burning. Journal of Physics G: Nuclear and Particle Physics, 2022, 49, 010501.	3.6	13
2	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
3	Trojan Horse Investigation for AGB Stellar Nucleosynthesis. Universe, 2022, 8, 128.	2.5	3
4	^{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
5	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
6	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
7	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
8	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
9	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 $$^2hbox {H}(^{27}hbox {Al},alpha ^{24}hbox) Tj ETQq1 1 0.784314 rgBT /Over	2.6	2
10	The Trojan Horse Method: A Nuclear Physics Tool for Astrophysics. Annual Review of Nuclear and Particle Science, 2021, 71, 345-376.	10.2	27
11	Astrophysical S-factor for the 3He(Î±,Î³)7Be reaction via the asymptotic normalization coefficient (ANC) method. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 807, 135606.	4.1	30
12	Clusters and their fundamental role for Trojan Horse Method. European Physical Journal A, 2020, 56, 1.	2.5	15
13	Indirect measurement of the $$^3hbox {He}$$(n,p)$$^3hbox {H}$$ reaction cross section at Big Bang energies. European Physical Journal A, 2020, 56, 1.	2.5	21
14	Physics opportunities with the Advanced Gamma Tracking Array: AGATA. European Physical Journal A, 2020, 56, 1.	2.5	32
15	Indirect methods constraining nuclear capture - the Trojan Horse Method. Journal of Physics: Conference Series, 2020, 1668, 012045.	0.4	1
16	19F spectroscopy and implications for astrophysics. Journal of Physics: Conference Series, 2020, 1668, 012023.	0.4	1
17	Indirect study of the 3He(n, p)3H reaction at cosmological energies. Journal of Physics: Conference Series, 2020, 1668, 012039.	0.4	0
18	Study of 3He(n,p)3H reaction at cosmological energies with trojan horse method. EPJ Web of Conferences, 2020, 227, 02013.	0.3	1

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19	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
20	Preliminary results for the¹⁹F(ï¡Î±)¹⁶O reaction cross section measured at INFN-LNS. EPJ Web of Conferences, 2020, 227, 02009.	0.3	0
21	Direct and Indirect Measurements for a Better Understanding of the Primordial Nucleosynthesis. Frontiers in Astronomy and Space Sciences, 2020, 7, .	2.8	4
22	Few-body reactions investigated with the Trojan Horse Method. SciPost Physics Proceedings, 2020, , .	0.4	0
23	Overview on the Trojan Horse Method in nuclear astrophysics. Journal of Physics: Conference Series, 2020, 1643, 012051.	0.4	0
24	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
25	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
26	Nuclear physics and its role for describing the early universe. International Journal of Modern Physics Conference Series, 2019, 49, 1960012.	0.7	1
27	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
28	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
29	THM applied to the investigation of explosive astrophysical scenarios. Journal of Physics: Conference Series, 2019, 1308, 012012.	0.4	0
30	Neutron-induced reactions investigated via the Trojan Horse Method. Journal of Physics: Conference Series, 2019, 1308, 012022.	0.4	0
31	The surprising 12C nucleus: From Î± structure to its burning. AIP Conference Proceedings, 2019, , .	0.4	0
32	Astrophysics studies with the Trojan Horse Method. European Physical Journal A, 2019, 55, 1.	2.5	38
33	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
34	Nuclear astrophysics experiments with trojan horse method. AIP Conference Proceedings, 2019, , .	0.4	0
35	Nuclear Physics in Stellar Lifestyles with the Trojan Horse Method. EPJ Web of Conferences, 2019, 223, 01065.	0.3	0
36	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

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37	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
38	Nuclear AstroPhysics at ELI-NP: Preliminary Experiments with ELISSA Detector. Springer Proceedings in Physics, 2019, , 219-223.	0.2	0
39	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
40	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
41	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
42	An increase in the 12C+12C fusion rate from resonances at astrophysical energies. Bulletin of the Gioenia Academy of Catania, 2019, 52, MISC6-MISC8.	0.2	1
43	Measurements of the neutron-induced reactions on 7Be with CRIB by the Trojan Horse method. AIP Conference Proceedings, 2018, , .	0.4	4
44	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
45	The Î±-decay of the Hoyle state in 12C: a new high-precision investigation. EPJ Web of Conferences, 2018, 184, 01005.	0.3	2
46	Development of the ELISSA array: prototype testing at Laboratori Nazionali del Sud. EPJ Web of Conferences, 2018, 184, 02006.	0.3	0
47	Trojan Horse cross section measurements and their impact on primordial nucleosynthesis. Journal of Physics: Conference Series, 2018, 940, 012017.	0.4	0
48	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
49	C-burning at astrophysical energies via the Trojan Horse Method. AIP Conference Proceedings, 2018, , .	0.4	0
50	A new measurement of the direct alpha-decay width of the Hoyle state in 12C. AIP Conference Proceedings, 2018, , .	0.4	1
51	The ¹⁹F(Î±, p)²²Ne and ²³Na(p,Î±)²⁰Ne reaction in AGB nucleosynthesis via THM. EPJ Web of Conferences, 2018, 184, 02003.	0.3	3
52	New direct investigation of the¹⁹F(p,Î±₀)¹⁶O down to 0.2 MeV. Journal of Physics: Conference Series, 2018, 940, 012011.	0.4	0
53	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
54	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

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55	Probing the Early Universe through nuclear physics. Journal of Physics: Conference Series, 2018, 1078, 012017.	0.4	0
56	An increase in the 12C + 12C fusion rate from resonances at astrophysical energies. Nature, 2018, 557, 687-690.	27.8	123
57	The Trojan Horse Method in Nuclear Astrophysics. EPJ Web of Conferences, 2018, 184, 01016.	0.3	1
58	A Geant4-based Monte Carlo Tool for Nuclear Astrophysics. EPJ Web of Conferences, 2018, 184, 02008.	0.3	0
59	Triple $$alpha $$ Î± Resonances and Possible Link to the Efimov Trimers. Few-Body Systems, 2018, 59, 1.	1.5	1
60	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:mi /><mml:none /><mml:mn>7</mml:mn></mml:msub><mml:mmultiscripts><mml:mi mathvariant="normal">B</mml:mi><mml:mprescripts /><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
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	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
63	First Measurement of the ¹⁹F(Î±, p)²²Ne Reaction at Energies of Astrophysical Relevance. Astrophysical Journal, 2017, 836, 57.	4.5	40
64	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
65	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
66	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
67	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
68	Investigation of the Hoyle state in¹²C with a new hodoscope detector. Journal of Physics: Conference Series, 2017, 876, 012006.	0.4	6
69	New Improved Indirect Measurement of the ¹⁹F(p, Î±)¹⁶O Reaction at Energies of Astrophysical Relevance. Astrophysical Journal, 2017, 845, 19.	4.5	56
70	On the Determination of the ⁷Be(n, Î±)⁴He Reaction Cross Section at BBN Energies. Astrophysical Journal, 2017, 850, 175.	4.5	40
71	C-burning via the Trojan horse method. AIP Conference Proceedings, 2017, , .	0.4	0
72	AGB nucleosynthesis: The 19F(Î±, p)22Ne reaction at astrophysical energies. AIP Conference Proceedings, 2017, , .	0.4	0

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73	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
74	Clusterization of light nuclei and the Trojan Horse Method. Journal of Physics: Conference Series, 2017, 863, 012072.	0.4	0
75	The Trojan Horse Method for nuclear astrophysics and its recent applications. EPJ Web of Conferences, 2017, 165, 01032.	0.3	4
76	New direct measurement of the10B(p,Î±)7Be reaction with the activation technique. EPJ Web of Conferences, 2017, 165, 01021.	0.3	0
77	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
78	A fast and complete GEANT4 and ROOT Object-Oriented Toolkit: GROOT. EPJ Web of Conferences, 2017, 165, 01034.	0.3	16
79	Nuclear reactions in AGB nucleosynthesis: the19F(Î±, p)22Ne at energies of astrophysical relevance. EPJ Web of Conferences, 2017, 165, 01019.	0.3	0
80	Nuclear Astrophysics at ELI-NP: the ELISSA prototype tested at Laboratori Nazionali del Sud. EPJ Web of Conferences, 2017, 165, 01026.	0.3	6
81	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
82	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
83	Primordial nucleosynthesis revisited via Trojan Horse Results. EPJ Web of Conferences, 2016, 117, 09010.	0.3	1
84	Nuclear Astrophysics with the Trojan Horse Method. Journal of Physics: Conference Series, 2016, 665, 012009.	0.4	2
85	A new study of 10B(p, $alpha$)7Be reaction at low energies. European Physical Journal A, 2016, 52, 1.	2.5	17
86	Toward a reassessment of the 19 F(p,â€‰<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq0 0 0 rgBT /Overlo 16 O reaction rate at astrophysical temperatures. Physics Letters, Section B: Nuclear, Elementary	4.1	43
87	Particle and High Energy Physics, 2015, 743, 173-177 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>, 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
88	Trojan Horse Method: recent results in nuclear astrophysics. Journal of Physics: Conference Series, 2015, 630, 012020.	0.4	0
89	Trojan Horse particle invariance in fusion reactions. EPJ Web of Conferences, 2015, 86, 00034.	0.3	0
90	Perspectives for the high field approach in fusion research and advances within the Ignitor Program. Nuclear Fusion, 2015, 55, 053011.	3.5	12

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91	Quantitative 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
92	Triple Î± resonances in the 6 Li + 6 Li â†’ 3 Î± reaction at low energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 59-63.	4.1	14
93	Trojan Horse particle invariance for2H(d,p)3H reaction: a detailed study. EPJ Web of Conferences, 2014, 66, 07021.	0.3	0
94	Lithium and boron burning S(E)-factor measurements at astrophysical energies via the Trojan Horse Method. EPJ Web of Conferences, 2014, 66, 07012.	0.3	0
95	The Trojan Horse method for nuclear astrophysics: Recent results on resonance reactions. , 2014, , .		0
96	Measurement of the 10 keV resonance in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">B</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>10</mml:mn></mml:mrow></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>p</mml:mi><mml:mo>,</mml:mo><mml:mmultiscripts><mml:mi mathvariant="normal">Be</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>7</mml:mn></mml:mrow></mml:mmultiscripts><mml:mo>,</mml:mo><mml:mi>γ</mml:mi></mml:math> reaction. Physical Review C, 2014, 90, .	2.9	52
97	BIG BANG NUCLEOSYNTHESIS REVISITED VIA TROJAN HORSE METHOD MEASUREMENTS. Astrophysical Journal, 2014, 786, 112.	4.5	86
98	Trojan Horse Particle Invariance: An Extensive Study. Few-Body Systems, 2014, 55, 1001-1004.	1.5	4
99	NEW DETERMINATION OF THE²H(d,p)³H AND²H(d,n)³He REACTION RATES AT ASTROPHYSICAL ENERGIES. Astrophysical Journal, 2014, 785, 96.	4.5	73
100	Unscreened cross-sections for nuclear astrophysics via the Trojan Horse Method. Journal of Physics: Conference Series, 2014, 569, 012018.	0.4	0
101	Nuclear Astrophysics from View Point of Few-Body Problems. Few-Body Systems, 2013, 54, 869-875.	1.5	10
102	New Advances in the Trojan Horse Method as an Indirect Approach to Nuclear Astrophysics. Few-Body Systems, 2013, 54, 745-753.	1.5	29
103	Experimental study of the18O(d, p)19O reaction and the ANC Method. Journal of Physics: Conference Series, 2013, 420, 012142.	0.4	3
104	New developments, plasma physics regimes and issues for the Ignitor experiment. Nuclear Fusion, 2013, 53, 104013.	3.5	22
105	Light element burning reactions at stellar temperatures in view of the recent THM measurements. EAS Publications Series, 2013, 63, 315-320.	0.3	0
106	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 ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (xmlns:mml="http://ww	2.9	45
107	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml: AN UPDATED⁶Li(p, Î±)³He REACTION RATE AT ASTROPHYSICAL ENERGIES WITH THE TROJAN HORSE METHOD. Astrophysical Journal, 2013, 768, 65.	4.5	63
108	Low-energy d+d fusion via the Trojan Horse Method. Journal of Physics: Conference Series, 2013, 436, 012073.	0.4	1

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109	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.	0.4	0
110	Clustering in Non-Self-Conjugate Nuclei. Progress of Theoretical Physics Supplement, 2012, 196, 184-191.	0.1	10
111	Light nuclear clusters to look into the bright stars. , 2012, , .		1
112	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.	3.6	53
113	[sup 2]H(d,p)[sup 3]H and [sup 2]H(d,n)[sup 3]He reactions at sub-coulomb energies. , 2012, , .		0
114	Bare nucleus S(E) factor of the2H(d,p)3H and2H(d,n)3He reactions via the Trojan Horse Method. Journal of Physics: Conference Series, 2012, 337, 012017.	0.4	1
115	The fluorine destruction in stars: First experimental study of the [sup 19]F(p,Î±)[sup 16]O reaction at astrophysical energies. , 2012, , .		0
116	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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127	High accuracy [sup 18]O(p,Î±)[sup 15]N reaction rate in the 8â‹…10[sup 6]â€“5â‹…10[sup 9]â€‰K temperature range. , 2011, , .		0
128	Trojan Horse Method: A tool to explore electron screening effect. Journal of Physics: Conference Series, 2010, 202, 012018.	0.4	2
129	The Trojan Horse method as an indirect approach for nuclear astrophysics studies. Journal of Physics: Conference Series, 2010, 205, 012048.	0.4	0
130	Indirect measurement of17O(p,Î±)14N cross section at ultra-low energies. Journal of Physics: Conference Series, 2010, 202, 012021.	0.4	0
131	First measurement of the¹⁸O(p,Î±)¹⁵N cross section at astrophysical energies. Journal of Physics: Conference Series, 2010, 202, 012019.	0.4	1
132	Coulomb suppression in the low-energy p-p elastic scattering via the Trojan Horse Method. , 2010, , .		0
133	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.	4.5	74
134	Highly excited alpha-cluster states in 32S studied with the thick-target inverse kinematics method. European Physical Journal A, 2010, 46, 5-16.	2.5	24
135	Trojan Horse Method: recent applications in nuclear astrophysics. Nuclear Physics A, 2010, 834, 639c-642c.	1.5	4
136	Trojan Horse Method: a useful tool for electron screening effect investigation. Nuclear Physics A, 2010, 834, 673c-675c.	1.5	1
137	Study of the⁶Li(n, Î±)³H reaction via the²H quasi-free break-up. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 125105.	3.6	52
138	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.	3.6	9
139	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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145	Effects of Distortion on the Intercluster Motion in Light Nuclei. , 2009, , .		0
146	New results on the Trojan Horse Method applied to the [sup 10,11]B+p reactions. , 2009, , .		1
147	States in 17O excited in the 13C + 9Be $ ightarrow$ 13C + 2 $ alpha$ + n reaction at 90 MeV. European Physical Journal A, 2009, 41, 335-339.	2.5	14
148	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
149	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.	3.4	5
150	Proton-proton elastic scattering via the Trojan horse method. Few-Body Systems, 2008, 43, 219-225.	1.5	1
151	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
152	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
153	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>sca at sub-Coulomb energies via the Trojan horse method. Physical Review C, 2008, 78, .	3.1	42
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159	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><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	2.9	44
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