Aurora Tumino

List of Publications by Year
in descending order

228 papers	3,761 citations	81900 39 h-index	161849 54 g-index
236 all docs	236 docs citations	236 times ranked	1068 citing authors

#	Article	IF	Citations
1	An increase in the 12C + 12C fusion rate from resonances at astrophysical energies. Nature, 2018, 557, 687-690.	27.8	123
2	TheB11(p,Î±0)Be8reaction at sub-Coulomb energies via the Trojan-horse method. Physical Review C, 2004, 69, .	2.9	103
3	â€œTrojan horseâ€•method applied to2H(6Li,Î±)4Heat astrophysical energies. Physical Review C, 2001, 63, .	2.9	99
4	The Trojan Horse Method in nuclear astrophysics. Physics of Atomic Nuclei, 2011, 74, 1725-1739.	0.4	91
5	BIG BANG NUCLEOSYNTHESIS REVISITED VIA TROJAN HORSE METHOD MEASUREMENTS. Astrophysical Journal, 2014, 786, 112.	4.5	86
6	THE FLUORINE DESTRUCTION IN STARS: FIRST EXPERIMENTAL STUDY OF THE ¹⁹ F(<i>p</i> , Î±) Tj ETQq0 0 0 rgBT /Overlo 2011, 739, L54.	8.3	85
7	Search for cluster structure of excited states in 14 C. European Physical Journal A, 2004, 21, 193-215.	2.5	76
8	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
9	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
10	Validity test of the â€œTrojan horseâ€•method applied to the6Li(p,Î±)3Hereaction. Physical Review C, 2003, 67, .	2.9	71
11	Bare-nucleus astrophysical factor of theHe3(d,p)He4reaction via the â€œTrojan horseâ€•method. Physical Review C, 2005, 72, .	2.9	68
12	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
13	Measurement of the 20 and 90 keV Resonances in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none /><mml:mn>18</mml:mn></mml:mmultiscripts><mml:mo stretchy="false">(</mml:mo><mml:mi>p</mml:mi><mml:mo>,</mml:mo><mml:mi>Î±</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgBT / mathvariant="normal">N</mml:mi><mml:mn	7.8	65
14	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
15	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	New Improved Indirect Measurement of the ¹⁹F(p, Î±)¹⁶O Reaction at Energies of Astrophysical Relevance. Astrophysical Journal, 2017, 845, 19.	4.5	56
20	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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37	Toward a reassessment of the 19 F(p,â€‰<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq1 1 0.784314 rgB 16 O reaction rate at astrophysical temperatures. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 748, 178-182.	4.1	43
38	Off-energy-shell<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>p</mml:mi><mml:mtext>â^'</mml:mtext><mml:mi>p</mml:mi></mml:mrow></mml:math>scat at sub-Coulomb energies via the Trojan horse method. Physical Review C, 2008, 78, .	2.9	42
39	First Measurement of the ¹⁹F(Î±, p)²²Ne Reaction at Energies of Astrophysical Relevance. Astrophysical Journal, 2017, 836, 57.	4.5	40
40	On the Determination of the ⁷Be(n, Î±)⁴He Reaction Cross Section at BBN Energies. Astrophysical Journal, 2017, 850, 175.	4.5	40
41	Validity test of the Trojan Horse Method applied to the 7Li + p â†' Î± + Î± reaction via the 3He break-up. European Physical Journal A, 2006, 27, 243-248.	2.5	39
42	Boron depletion: indirect measurement of the 10B(p,Î±)7Be S(E)-factor. Nuclear Physics A, 2007, 787, 309-314.	1.5	39
43	Astrophysics studies with the Trojan Horse Method. European Physical Journal A, 2019, 55, 1.	2.5	38
44	The Trojan Horse Method in nuclear astrophysics. Nuclear Physics A, 2003, 719, C99-C106.	1.5	37
45	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
46	Behavior of MgB2 React & Wind Coils Above 10 K. IEEE Transactions on Applied Superconductivity, 2005, 15, 1452-1456.	1.7	34
47	Physics opportunities with the Advanced Gamma Tracking Array: AGATA. European Physical Journal A, 2020, 56, 1.	2.5	32
48	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
49	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
50	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
51	New Advances in the Trojan Horse Method as an Indirect Approach to Nuclear Astrophysics. Few-Body Systems, 2013, 54, 745-753.	1.5	29
52	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
53	The Trojan Horse Method: A Nuclear Physics Tool for Astrophysics. Annual Review of Nuclear and Particle Science, 2021, 71, 345-376.	10.2	27
54	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

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55	Structure studies of neutron-rich beryllium and carbon isotopes. Nuclear Physics A, 2003, 722, C3-C9.	1.5	22
56	Particle-hole structures of neutron-rich Be- and C-isotopes. Nuclear Physics A, 2004, 734, 345-348.	1.5	22
57	Indirect techniques in nuclear astrophysics. European Physical Journal A, 2006, 27, 205-215.	2.5	22
58	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
59	New developments, plasma physics regimes and issues for the Ignitor experiment. Nuclear Fusion, 2013, 53, 104013.	3.5	22
60	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
61	The Î±-. European Physical Journal A, 2000, 7, 181.	2.5	22
62	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
63	Cross-section of $^{8}Li(alpha ,n)^{11}B$: Inhomogeneous Big Bang nucleosynthesis. European Physical Journal A, 2004, 20, 355-358.	2.5	20
64	Octupole-deformed molecular bands in 21Ne. European Physical Journal A, 2005, 26, 321-326.	2.5	20
65	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
66	Indirect study of the astrophysically important15O(Î±,Î³)19Nereaction through2H(18Ne,19Ne)1H. Physical Review C, 2002, 66, .	2.9	19
67	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
68	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
69	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
70	Gamma-decay study of21Na and21Ne, octupole bands in21Ne. Journal of Physics G: Nuclear and Particle Physics, 2003, 29, 509-519.	3.6	17
71	A new study of 10B(p, $alpha$)7Be reaction at low energies. European Physical Journal A, 2016, 52, 1.	2.5	17
72	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

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73	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
74	Spectroscopy of 40Ca and negative-parity bands. European Physical Journal A, 2004, 19, 307-317.	2.5	16
75	A fast and complete GEANT4 and ROOT Object-Oriented Toolkit: GROOT. EPJ Web of Conferences, 2017, 165, 01034.	0.3	16
76	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
77	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
78	Clusters and their fundamental role for Trojan Horse Method. European Physical Journal A, 2020, 56, 1.	2.5	15
79	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
80	Indirect Techniques in Nuclear Astrophysics. Asymptotic Normalization Coefficient and Trojan Horse. Nuclear Physics A, 2007, 787, 321-328.	1.5	14
81	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
82	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
83	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
84	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
85	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
86	16O-8Be break-up states and cluster structure of 24Mg. European Physical Journal A, 2001, 12, 327-334.	2.5	13
87	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
88	Construction and Tests of<tex>$hboxMgB_2$</tex>React & Wind Coils. IEEE Transactions on Applied Superconductivity, 2004, 14, 365-367.	1.7	12
89	Perspectives for the high field approach in fusion research and advances within the Ignitor Program. Nuclear Fusion, 2015, 55, 053011.	3.5	12
90	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

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91	SOLVING THE LARGE DISCREPANCY BETWEEN INCLUSIVE AND EXCLUSIVE MEASUREMENTS OF THE 8 Li + 4 He â†' 11 B + n REACTION CROSS SECTION AT ASTROPHYSICAL ENERGIES. Astrophysical Journal, 2009, 706, L251-L255.	4.5	11
92	Quasifree mechanism in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">Li</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>6</mml:mn></mml:mrow></mml:mmultiscripts><mml:mo>+</mml:mo><mml:mmultiscripts><mml:mi mathvariant="normal">Li</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>6</mml:mn></mml:mrow></mml:mmultiscripts><mml:mo>â†'</mml:mo><mml:mn>3</mml:mn><mml:mi>Î±	2.9	11
93	Bare astrophysical S(E)-factor for the 6Li(d, Î±)4He and 7Li(p, Î±)4He reactions at astrophysical energies. Nuclear Physics A, 2003, 718, 496-498.	1.5	10
94	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
95	Elastic alpha-particle resonances as evidence of clustering at high excitation in 40Ca. European Physical Journal A, 2011, 47, 1.	2.5	10
96	Clustering in Non-Self-Conjugate Nuclei. Progress of Theoretical Physics Supplement, 2012, 196, 184-191.	0.1	10
97	Nuclear Astrophysics from View Point of Few-Body Problems. Few-Body Systems, 2013, 54, 869-875.	1.5	10
98	Toward correction-free⁸Li(Î±,<i>n</i>)¹¹B data at the Gamow energy of explosive nucleosynthesis. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 105105.	3.6	9
99	Highly excited alpha-cluster states in 34S. European Physical Journal A, 2011, 47, 1.	2.5	9
100	A new approach to select the quasifree mechanism in the Trojan horse method. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 085103.	3.6	9
101	Intermediate width structures in the 12C(12C,8Beg.s.)16O reaction at E c.m. =20 to 30 MeV. Zeitschrift FÃ¼r Physik A, 1997, 357, 291-296.	0.9	8
102	Indirect study of the 6Li(p, Î±)3He reaction at astrophysical energies. Nuclear Physics A, 2003, 718, 499-501.	1.5	8
103	Study of the 3He(d, p)4He reaction through the Trojan Horse Method. Nuclear Physics A, 2005, 758, 98-101.	1.5	8
104	The Trojan horse method in nuclear astrophysics: recent results. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014008.	3.6	7
105	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 rg BT /Overl	[illegible]	7
106	Decay modes of 24Mg excited at 46.4 MeV. European Physical Journal A, 1999, 5, 69-75.	2.5	6
107	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
108	In flight production of a 8Li radioactive beam for Big Bang nucleosynthesis investigations at LNS Catania. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 565, 406-415.	1.6	6

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109	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
110	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
111	Investigation of the Hoyle state in¹²C with a new hodoscope detector. Journal of Physics: Conference Series, 2017, 876, 012006.	0.4	6
112	Nuclear Astrophysics at ELI-NP: the ELISSA prototype tested at Laboratori Nazionali del Sud. EPJ Web of Conferences, 2017, 165, 01026.	0.3	6
113	New High-Precision Measurement of the Reaction Rate of the ¹⁸O(<i>p</i>,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 56, 237-242.	3.4	5
114	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
115	Resonances in the12C(12C,8Beg.s.)16O reaction and rotational states in24Mg. Il Nuovo Cimento A, 1997, 110, 1007-1014.	0.2	4
116	Break-out from the hot-CNO cycle studied with radioactive beams. Nuclear Physics A, 2002, 701, 621-624.	1.5	4
117	Coulomb Suppression Effects in the Proton-Proton Elastic Scattering Extracted from the2H(p,pp)nReaction. Progress of Theoretical Physics Supplement, 2004, 154, 349-355.	0.1	4
118	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
119	Trojan Horse Method: recent applications in nuclear astrophysics. Nuclear Physics A, 2010, 834, 639c-642c.	1.5	4
120	Trojan Horse Particle Invariance: An Extensive Study. Few-Body Systems, 2014, 55, 1001-1004.	1.5	4
121	The Trojan Horse Method for nuclear astrophysics and its recent applications. EPJ Web of Conferences, 2017, 165, 01032.	0.3	4
122	Measurements of the neutron-induced reactions on 7Be with CRIB by the Trojan Horse method. AIP Conference Proceedings, 2018, , .	0.4	4
123	Direct and Indirect Measurements for a Better Understanding of the Primordial Nucleosynthesis. Frontiers in Astronomy and Space Sciences, 2020, 7, .	2.8	4
124	Neutron-Driven Nucleosynthesis in Stellar Plasma. Frontiers in Physics, 0, 10, .	2.1	4
125	The Î±â€“12C radiative capture process and the Trojan Horse Method. Nuclear Physics A, 2001, 688, 543-545.	1.5	3
126	A study of Î³ decays and octupole bands in 21Ne and 21Na. Physics of Atomic Nuclei, 2003, 66, 1428-1433.	0.4	3

#	ARTICLE	IF	CITATIONS
127	Experimental study of the18O(d, p)19O reaction and the ANC Method. Journal of Physics: Conference Series, 2013, 420, 012142.	0.4	3
128	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
129	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
130	^{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
131	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
132	Trojan Horse Investigation for AGB Stellar Nucleosynthesis. Universe, 2022, 8, 128.	2.5	3
133	The 7Li(p, Î±)4He fusion reaction studied via the trojan horse method and its astrophysical implications. Nuclear Physics, Section B, Proceedings Supplements, 2003, 118, 455.	0.4	2
134	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
135	Trojan Horse Method: A tool to explore electron screening effect. Journal of Physics: Conference Series, 2010, 202, 012018.	0.4	2
136	Nuclear Astrophysics with the Trojan Horse Method. Journal of Physics: Conference Series, 2016, 665, 012009.	0.4	2
137	The Î±-decay of the Hoyle state in 12C: a new high-precision investigation. EPJ Web of Conferences, 2018, 184, 01005.	0.3	2
138	New Perspectives in the Studies of Resonance Scattering. Acta Physica Hungarica A Heavy Ion Physics, 2003, 18, 215-222.	0.4	1
139	Few-body problems in nuclear astrophysics. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1413-S1415.	3.6	1
140	Proton-proton elastic scattering via the Trojan horse method. Few-Body Systems, 2008, 43, 219-225.	1.5	1
141	New results on the Trojan Horse Method applied to the [sup 10,11]B+p reactions. , 2009, , .		1
142	First measurement of the¹⁸O(<i>p,</i>Î±)¹⁵N cross section at astrophysical energies. Journal of Physics: Conference Series, 2010, 202, 012019.	0.4	1
143	Trojan Horse Method: a useful tool for electron screening effect investigation. Nuclear Physics A, 2010, 834, 673c-675c.	1.5	1
144	Light nuclear clusters to look into the bright stars. , 2012, , .		1

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145	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
146	Low-energy d+d fusion via the Trojan Horse Method. Journal of Physics: Conference Series, 2013, 436, 012073.	0.4	1
147	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
148	Primordial nucleosynthesis revisited via Trojan Horse Results. EPJ Web of Conferences, 2016, 117, 09010.	0.3	1
149	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
150	A new measurement of the direct alpha-decay width of the Hoyle state in 12C. AIP Conference Proceedings, 2018, , .	0.4	1
151	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
152	The Trojan Horse Method in Nuclear Astrophysics. EPJ Web of Conferences, 2018, 184, 01016.	0.3	1
153	Triple $$alpha $$ Î± Resonances and Possible Link to the Efimov Trimers. Few-Body Systems, 2018, 59, 1.	1.5	1
154	Nuclear physics and its role for describing the early universe. International Journal of Modern Physics Conference Series, 2019, 49, 1960012.	0.7	1
155	Indirect methods constraining nuclear capture - the Trojan Horse Method. Journal of Physics: Conference Series, 2020, 1668, 012045.	0.4	1
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