

Marco La Cognata

List of Publications by Year in descending order

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Version: 2024-02-01

316
papers

4,433
citations

76031

42
h-index

156644

58
g-index

326
all docs

326
docs citations

326
times ranked

1197
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study of the $\text{Si}^{30}(\text{He}^3, \text{d})\text{P}^{31}$ reaction and thermonuclear reaction rate of $\text{Si}^{30}(\text{p}, \hat{\text{i}}^3)\text{P}^{31}$. <i>Physical Review C</i> , 2022, 105, .	1.1	2
2	A Novel Approach to $\hat{\text{i}}^2$ -Decay: PANDORA, a New Experimental Setup for Future In-Plasma Measurements. <i>Universe</i> , 2022, 8, 80.	0.9	19
3	Physical energy range of the $^{27}\text{Al} + \text{Mg}$ reaction: A new recommended reaction rate. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 820, 136477.	1.5	5
4	First measurement of $^{25}\text{Al} + \text{p}$ resonant scattering relevant to the astrophysical reaction $^{22}\text{Mg}(\hat{\text{i}}^{\pm}, \text{p})^{25}\text{Al}$. <i>EPJ Web of Conferences</i> , 2022, 260, 05001.	0.1	0
5	Experimental studies on astrophysical reactions at the low-energy RI beam separator CRIB. <i>EPJ Web of Conferences</i> , 2022, 260, 03003.	0.1	0
6	Trojan Horse Investigation for AGB Stellar Nucleosynthesis. <i>Universe</i> , 2022, 8, 128.	0.9	3
7	Trends in particle and nuclei identification techniques in nuclear physics experiments. <i>Rivista Del Nuovo Cimento</i> , 2022, 45, 189-276.	2.0	22
8	Feasibility of studying astrophysically important charged-particle emission with the variable energy $\hat{\text{i}}^3$ -ray system at the Extreme Light Infrastructure "Nuclear Physics facility. <i>Physical Review C</i> , 2022, 105, .	1.1	7
9	The $^3\text{He} + ^5\text{He} \rightarrow \alpha + \alpha$ reaction below the Coulomb barrier via the Trojan Horse Method. <i>European Physical Journal A</i> , 2021, 57, 1.	1.0	1
10	Direct proton capture by ^{26}P . <i>Physical Review Letters</i> , 2021, 126, 012501.	0.1	14
11	Low Mass Stars or Intermediate Mass Stars? The Stellar Origin of Presolar Oxide Grains Revealed by Their Isotopic Composition. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 7, .	1.1	4
12	$^{10}\text{B}(n, \alpha)^7\text{Li}$ and $^{10}\text{B}(n, \alpha_{1})^7\text{Li}$ reactions measured via Trojan Horse Method. <i>European Physical Journal A</i> , 2021, 57, 1.	1.0	3
13	Probing proton halo effects in the $^8\text{B} + ^{64}\text{Zn}$ collision around the Coulomb barrier. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 820, 136477.	1.5	19
14	Impact of the New Measurement of the $^{12}\text{C} + ^{12}\text{C}$ Fusion Cross Section on the Final Compactness of Massive Stars. <i>Astrophysical Journal</i> , 2021, 916, 79.	1.6	18
15	Constraining the Primordial Lithium Abundance: New Cross Section Measurement of the $^7\text{Be} + n$ Reactions Updates the Total ^7Be Destruction Rate. <i>Astrophysical Journal Letters</i> , 2021, 915, L13.	3.0	17
16	Indirect determination of the astrophysical S -factor for the $^7\text{Li} + \text{p}$ reaction. <i>Physical Review Letters</i> , 2021, 126, 012501.	1.1	15
17	The $^{27}\text{Al}(\text{p}, \alpha)^{24}\text{Mg}$ reaction at astrophysical energies studied by means of the Trojan Horse Method applied to the $^2\text{H}(\hat{\text{i}}^{\pm}, \alpha)^{24}\text{Al}$. <i>Physical Review Letters</i> , 2021, 126, 012501.	1.1	15
18	The Trojan Horse Method: A Nuclear Physics Tool for Astrophysics. <i>Annual Review of Nuclear and Particle Science</i> , 2021, 71, 345-376.	3.5	27

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19	<p>Advancement of Photospheric Radius Expansion and Clocked Type-I X-Ray Burst Models with the New</p> $22 \times 10^{22} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ at } 10 \text{ km}$	1.84	13
20	<p>Physical</p> $22 \times 10^{22} \text{ erg s}^{-1} \text{ cm}^{-2} \text{ at } 10 \text{ km}$		

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37	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
38	Study of the neutron induced reaction $^{17}\text{O}(n, \hat{\pm})^{14}\text{C}$ at astrophysical energies via the Trojan Horse Method. EPJ Web of Conferences, 2020, 227, 02007.	0.1	3
39	Preliminary results for the $^{19}\text{F}(\hat{\pm})^{16}\text{O}$ reaction cross section measured at INFN-LNS. EPJ Web of Conferences, 2020, 227, 02009.	0.1	0
40	Few-body reactions investigated with the Trojan Horse Method. SciPost Physics Proceedings, 2020, , .	0.2	0
41	Overview on the Trojan Horse Method in nuclear astrophysics. Journal of Physics: Conference Series, 2020, 1643, 012051.	0.3	0
42	Inclusive breakup measurements of the $^7\text{Li} + ^{119}\text{Sn}$ reaction. Journal of Physics: Conference Series, 2020, 1643, 012085.	0.3	0
43	Fluorine Destruction in Stars Studied via Trojan Horse Method. , 2020, , .		0
44	Measurement of the $^{27}\text{Al}(p, \hat{\pm})^{24}\text{Mg}$ Reaction at Astrophysical Energies via the Trojan Horse Method. , 2020, , .		1
45	Using the Trojan Horse Method to Discern ($\alpha_{\{0\}}$) and ($\alpha_{\{1\}}$) Channels for the $^{10}\text{B}(n, (\alpha))^{7}\text{Li}$ Reaction. , 2020, , .		0
46	Fluorine Nucleosynthesis in AGB Stars in the Light of the $^{19}\text{F}(p, \hat{\pm})^{16}\text{O}$ and the $^{19}\text{F}(\hat{\pm}, p)^{22}\text{Ne}$ Reaction Rate Measured via the Trojan Horse Method. , 2020, , .		0
47	Fluorine Destruction in Stellar Environments. , 2020, , .		0
48	On the fluorine nucleosynthesis in AGB stars in the light of the $^{19}\text{F}(p, \hat{\pm})^{16}\text{O}$ and $^{19}\text{F}(\hat{\pm}, p)^{22}\text{Ne}$ reaction rate measured via THM. International Journal of Modern Physics Conference Series, 2019, 49, 1960011.	0.7	0
49	The determination of the astrophysical S-factor of the direct $^{18}\text{O}(p, \gamma)^{19}\text{F}$ capture by the ANC method. European Physical Journal A, 2019, 55, 1.	1.0	14
50	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
51	Nuclear physics and its role for describing the early universe. International Journal of Modern Physics Conference Series, 2019, 49, 1960012.	0.7	1
52	Calibration of detectors for studying the $^{19}\text{F}(p, \hat{\pm})^{16}\text{O}$ reaction at astrophysical energies via the Trojan Horse Method. AIP Conference Proceedings, 2019, , .	0.3	0
53	Cross-section Measurement of the Cosmologically Relevant $^7\text{Be}(n, \hat{\pm})^4\text{He}$ Reaction over a Broad Energy Range in a Single Experiment. Astrophysical Journal, 2019, 879, 23.	1.6	49
54	THM applied to the investigation of explosive astrophysical scenarios. Journal of Physics: Conference Series, 2019, 1308, 012012.	0.3	0

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55	$^{19}\text{F}(p, \hat{\pm})^{16}\text{O}$ and $^{19}\text{F}(\hat{\pm}, p)^{22}\text{Ne}$ Reaction Rate Measured via THM and Fluorine Nucleosynthesis in AGB stars. Journal of Physics: Conference Series, 2019, 1308, 012016.	0.3	5
56	Neutron-induced reactions investigated via the Trojan Horse Method. Journal of Physics: Conference Series, 2019, 1308, 012022.	0.3	0
57	Astrophysics studies with the Trojan Horse Method. European Physical Journal A, 2019, 55, 1.	1.0	38
58	Observation of $N_{15+\hat{\pm}}$ resonant structures in F_{19} using the thick target in inverse kinematics scattering method. Physical Review C, 2019, 99, .	1.1	14
59	Nuclear astrophysics experiments with trojan horse method. AIP Conference Proceedings, 2019, , .	0.3	0
60	Application of the THM to the investigation of reactions induced by unstable nuclei: the $^{18}\text{F}(p, \hat{\pm})^{15}\text{O}$ case. EPJ Web of Conferences, 2019, 223, 01030.	0.1	0
61	Nuclear Physics in Stellar Lifestyles with the Trojan Horse Method. EPJ Web of Conferences, 2019, 223, 01065.	0.1	0
62	The $^{10}\text{B}(n, \alpha)^7\text{Li}$ cross sections at ultra-low energy through the Trojan Horse Method applied to the $^2\text{H}(^{10}\text{B}, \alpha^7\text{Li})^1\text{H}$. European Physical Journal A, 2019, 55, 1.	1.0	14
63	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.	0.7	11
64	The Resonant Behaviour of the $^{12}\text{C} + ^{12}\text{C}$ Fusion Cross Section at Astrophysical Energies. Springer Proceedings in Physics, 2019, , 17-22.	0.1	0
65	Nuclear AstroPhysics at ELI-NP: Preliminary Experiments with ELISSA Detector. Springer Proceedings in Physics, 2019, , 219-223.	0.1	0
66	First Time Measurement of the $^{19}\text{F}(p, \alpha)^{16}\text{O}$ 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
67	The Cosmologically Relevant $^7\text{Be}(n, \alpha)^4\text{He}$ Reaction in View of the Recent THM Investigations. Springer Proceedings in Physics, 2019, , 53-56.	0.1	0
68	The $^{19}\text{F}(\alpha, p)^{22}\text{Ne}$ and $^{23}\text{Na}(\alpha, p)^{24}\text{Mg}$ Reactions. Springer Proceedings in Physics, 2019, , 339-342.	0.1	0
69	Neutron enhancement from laser interaction with a critical fluid. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 94-98.	0.9	9
70	Measurements of the neutron-induced reactions on ^7Be with CRIB by the Trojan Horse method. AIP Conference Proceedings, 2018, , .	0.3	4
71	Trojan Horse Method experiments with radioactive ion beams. EPJ Web of Conferences, 2018, 184, 01008.	0.1	0
72	Improved information on astrophysical S-factor for the $^{10}\text{B}(p, \hat{\pm})^7\text{Be}$ reaction using the Trojan Horse method. EPJ Web of Conferences, 2018, 184, 02002.	0.1	0

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73	Capture and photonuclear reaction rates involving charged-particles: Impacts of nuclear ingredients and future measurement on ELI-NP. EPJ Web of Conferences, 2018, 178, 04007.	0.1	1
74	The α -decay of the Hoyle state in ^{12}C : a new high-precision investigation. EPJ Web of Conferences, 2018, 184, 01005.	0.1	2
75	Development of the ELISSA array: prototype testing at Laboratori Nazionali del Sud. EPJ Web of Conferences, 2018, 184, 02006.	0.1	0
76	^{26}Mg target for nuclear astrophysics measurements. EPJ Web of Conferences, 2018, 184, 02014.	0.1	0
77	Trojan Horse cross section measurements and their impact on primordial nucleosynthesis. Journal of Physics: Conference Series, 2018, 940, 012017.	0.3	0
78	Status and Perspectives of the INFN-LNS In-Flight Fragment Separator. Journal of Physics: Conference Series, 2018, 1014, 012016.	0.3	19
79	Study of the $^{10}\text{B}(p, \alpha)^7\text{Be}$ reaction by means of the Trojan Horse Method. European Physical Journal A, 2018, 54, 1.	1.0	19
80	C-burning at astrophysical energies via the Trojan Horse Method. AIP Conference Proceedings, 2018, , .	0.3	0
81	A new measurement of the direct alpha-decay width of the Hoyle state in ^{12}C . AIP Conference Proceedings, 2018, , .	0.3	1
82	The $^{19}\text{F}(\alpha, p)^{22}\text{Ne}$ and $^{23}\text{Na}(p, \alpha)^{20}\text{Ne}$ reaction in AGB nucleosynthesis via THM. EPJ Web of Conferences, 2018, 184, 02003.	0.1	3
83	New direct investigation of the $^{19}\text{F}(\alpha, n)^{22}\text{Ne}$ reaction down to 0.2 MeV. Journal of Physics: Conference Series, 2018, 940, 012011.	0.3	0
84	Determination of the photodisintegration reaction rates involving charged particles: Systematic calculations and proposed measurements based on the facility for Extreme Light Infrastructure "Nuclear Physics. Physical Review C, 2018, 98, .	1.1	15
85	The Treiman-Yang Criterion: validating the Trojan Horse Method by experimentally probing the reaction mechanism. EPJ Web of Conferences, 2018, 184, 02012.	0.1	1
86	Probing the Early Universe through nuclear physics. Journal of Physics: Conference Series, 2018, 1078, 012017.	0.3	0
87	An increase in the $^{12}\text{C} + ^{12}\text{C}$ fusion rate from resonances at astrophysical energies. Nature, 2018, 557, 687-690.	13.7	123
88	ANC experiments for nuclear astrophysics in NPI CAS. EPJ Web of Conferences, 2018, 184, 01014.	0.1	0
89	The Trojan Horse Method in Nuclear Astrophysics. EPJ Web of Conferences, 2018, 184, 01016.	0.1	1
90	A Geant4-based Monte Carlo Tool for Nuclear Astrophysics. EPJ Web of Conferences, 2018, 184, 02008.	0.1	0

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91	Indirect studies on astrophysical reactions at the low-energy RI beam separator CRIB. AIP Conference Proceedings, 2018, , . Trojan horse measurement of the B	0.3	0
92	^{10}B α reaction cross section in the ene. Physical Review C, 2018, 97, . The Importance of the $^{13}C(\hat{\pm}, n)^{16}O$ Reaction in Asymptotic Giant Branch Stars. Astrophysical Journal, 2018, 859, 105.	1.1	16
93	The $^{19}F(\hat{\pm}, p)^{22}Ne$ 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
94	Experimental Studies of Nuclear Reactions of Astrophysical Relevance by Means of the Trojan Horse Method Applied to Resonant Reactions. Acta Physica Polonica B, 2018, 49, 657.	0.3	0
95	Recent Results on the $^{10}B(p, \alpha)^7Be$ Reaction Studied via THM at Low Energies. Acta Physica Polonica B, 2018, 49, 669. Assessing the near-threshold cross section of the O	0.3	0
96	^{17}O n α reaction by means of the Tro. Measurement of the $B^{10}(p, \hat{\pm}0)Be^7$ 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	35
97	Measurement of the $B^{10}(p, \hat{\pm}0)Be^7$ 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
98	First Measurement of the $^{19}F(\hat{\pm}, p)^{22}Ne$ Reaction at Energies of Astrophysical Relevance. Astrophysical Journal, 2017, 836, 57.	1.6	40
99	Concurrent Application of ANC and THM to assess the $^{13}C(\hat{\pm}, n)^{16}O$ Absolute Cross Section at Astrophysical Energies and Possible Consequences for Neutron Production in Low-mass AGB Stars. Astrophysical Journal, 2017, 837, 41.	1.6	32
100	Study of the $^{17}O(\hat{i}n)_{\alpha}$, (α) ^{14}C Reaction: Extension of the Trojan Horse Method to the Neutrons Induced Reactions. , 2017, , .		1
101	Trojan Horse Method for the Oxygen-Burning Process Reactions. , 2017, , .		0
102	Gamma ray beams for Nuclear Astrophysics: first results of tests and simulations of the ELISSA array. Journal of Instrumentation, 2017, 12, C03079-C03079.	0.5	12
103	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. High-Precision Probe of the Fully Sequential Decay Width of the Hoyle State in C	0.9	7
104	C^{12} α reaction. Physical Review Letters, 2017, 119, 132501.	2.9	67
105	A Trojan Horse Approach to the Production of ^{18}F in Novae. Astrophysical Journal, 2017, 846, 65.	1.6	38
106	$^{15}O + \hat{\pm}$ resonant elastic scattering to study cluster states in ^{19}Ne . Journal of Physics: Conference Series, 2017, 863, 012026.	0.3	0
107	Investigation of the Hoyle state in ^{12}C with a new hodoscope detector. Journal of Physics: Conference Series, 2017, 876, 012006.	0.3	6

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109	New Improved Indirect Measurement of the $^{19}\text{F}(p, \hat{1}\pm)^{16}\text{O}$ Reaction at Energies of Astrophysical Relevance. <i>Astrophysical Journal</i> , 2017, 845, 19.	1.6	56
110	On the Determination of the $^7\text{Be}(n, \hat{1}\pm)^4\text{He}$ Reaction Cross Section at BBN Energies. <i>Astrophysical Journal</i> , 2017, 850, 175.	1.6	40
111	Evidence for $\text{O}15+\hat{1}\pm$ resonance structures in $\text{Ne}19$ via direct measurement. <i>Physical Review C</i> , 2017, 96, .	1.1	21
112	C-burning via the Trojan horse method. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	0
113	AGB nucleosynthesis: The $^{19}\text{F}(\hat{1}\pm, p)^{22}\text{Ne}$ reaction at astrophysical energies. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	0
114	Trojan horse method with neutrons induced reactions: The $^{17}\text{O}(n, \hat{1}\pm)^{14}\text{C}$ reaction. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	0
115	Characterization of X3 Silicon Detectors for the ELISSA Array at ELI-NP. <i>EPJ Web of Conferences</i> , 2017, 165, 01011.	0.1	2
116	Experimental Studies of Light-Ion Nuclear Reactions Using Low-Energy RI Beams. , 2017, , .		0
117	Fusion reactions induced by radioactive beams: the $^{18}\text{F}(p, \hat{1}\pm)^{15}\text{O}$ case. <i>EPJ Web of Conferences</i> , 2017, 163, 00046.	0.1	0
118	The astrophysical S-factor of the direct $^{18}\text{O}(p, \hat{1}^3)^{19}\text{F}$ capture by the ANC method. <i>EPJ Web of Conferences</i> , 2017, 165, 01007.	0.1	1
119	VIII Nuclear Physics in Astrophysics International Conference (NPA8): Preface. <i>EPJ Web of Conferences</i> , 2017, 165, 00001.	0.1	0
120	Clusterization of light nuclei and the Trojan Horse Method. <i>Journal of Physics: Conference Series</i> , 2017, 863, 012072.	0.3	0
121	The Trojan Horse Method for nuclear astrophysics and its recent applications. <i>EPJ Web of Conferences</i> , 2017, 165, 01032.	0.1	4
122	New direct measurement of the $^{10}\text{B}(p, \hat{1}\pm)^7\text{Be}$ reaction with the activation technique. <i>EPJ Web of Conferences</i> , 2017, 165, 01021.	0.1	0
123	A new high-precision upper limit of direct $\hat{1}\pm$ -decays from the Hoyle state in ^{12}C . <i>EPJ Web of Conferences</i> , 2017, 165, 01020.	0.1	3
124	A fast and complete GEANT4 and ROOT Object-Oriented Toolkit: GROOT. <i>EPJ Web of Conferences</i> , 2017, 165, 01034.	0.1	16
125	Nuclear reactions in AGB nucleosynthesis: the $^{19}\text{F}(\hat{1}\pm, p)^{22}\text{Ne}$ at energies of astrophysical relevance. <i>EPJ Web of Conferences</i> , 2017, 165, 01019.	0.1	0
126	Nuclear Astrophysics at ELI-NP: the ELISSA prototype tested at Laboratori Nazionali del Sud. <i>EPJ Web of Conferences</i> , 2017, 165, 01026.	0.1	6

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127	The Trojan Horse Method application on the $^{10}\text{B}(p, \hat{\pm}0)^7\text{Be}$ reaction cross section measurements. EPJ Web of Conferences, 2017, 165, 01018.	0.1	0
128	The $^{10}\text{B}(p, \hat{\pm})^7\text{Be}$ S(E)-factor from 5 keV to 1.5 MeV using the Trojan Horse Method. EPJ Web of Conferences, 2017, 165, 01042.	0.1	0
129	Determining the $^{13}\text{C}(\hat{\pm}, n)^{16}\text{O}$ absolute cross section through the concurrent application of ANC and THM and astrophysical consequences for the s-process in AGB-LMSs.. EPJ Web of Conferences, 2017, 165, 01052.	0.1	0
130	Oxygen-15 $\hat{\pm}$ resonant elastic scattering to study cluster states in ^{19}Ne . Journal of Physics: Conference Series, 2017, 876, 012021.	0.3	0
131	Understanding the fusion cross section among light nuclei around the Coulomb barrier. EPJ Web of Conferences, 2017, 163, 00012.	0.1	0
132	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
133	The ^{13}C Neutron Source and s-Processing in AGB Stars. , 2017, , .		0
134	Stellar MHD and Nuclear Physics Coupled Together Solve the Puzzle of Oxide Grain Composition. , 2017, , .		0
135	The $^{18}\text{F}(n, (\alpha))$ Reaction: First Study of (n)-Induced Reaction on a Radioactive Nucleus Using the Trojan Horse Method. , 2017, , .		0
136	Resonance Strength Measurement at Astrophysical Energies: The $^{17}\text{O}(p, \hat{\pm})^{14}\text{N}$ Reaction Studied via THM. EPJ Web of Conferences, 2016, 117, 09016.	0.1	0
137	The $^{12}\text{C}(^{12}\text{C}, \hat{\pm})^{20}\text{Ne}$ and $^{12}\text{C}(^{12}\text{C}, p)^{23}\text{Na}$ reactions at the Gamow peak via the Trojan Horse Method. EPJ Web of Conferences, 2016, 117, 09004.	0.1	1
138	Primordial nucleosynthesis revisited via Trojan Horse Results. EPJ Web of Conferences, 2016, 117, 09010.	0.1	1
139	Studying astrophysical reactions with low-energy RI beams at CRIB. EPJ Web of Conferences, 2016, 117, 09005.	0.1	0
140	New measurement of the $^{10}\text{B}(p, \hat{\pm}0)^7\text{Be}$ reaction cross section at low energies and the structure of ^{11}C . EPJ Web of Conferences, 2016, 117, 09009.	0.1	1
141	New investigations of the $^{10}\text{B}(p, \alpha)^7\text{Be}$ reaction at bombarding energies between 0.6 and 1 MeV. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 045109.	1.4	27
142	Nuclear Astrophysics with the Trojan Horse Method. Journal of Physics: Conference Series, 2016, 665, 012009.	0.3	2
143	First evidences for $^{19}\text{F}(\hat{\pm}, p)^{22}\text{Ne}$ at astrophysical energies. Journal of Physics: Conference Series, 2016, 703, 012016.	0.3	0
144	Nuclear astrophysics and the Trojan Horse Method. European Physical Journal A, 2016, 52, 1.	1.0	70

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145	A new study of $^{10}\text{B}(p, \alpha)^7\text{Be}$ reaction at low energies. European Physical Journal A, 2016, 52, 1.	1.0	17
146	Experimental study to explore the ^8Be -induced nuclear reaction via the Trojan horse method. Physical Review C, 2016, 93, .	1.1	4
147	Publisher's Note: Experimental study to explore the ^8Be -induced nuclear reaction via the Trojan horse method [Phys. Rev. C 93 (2016)]. Physical Review C, 2016, 93, .	1.1	1
148	Indirect Study of the $^{16}\text{O}+^{16}\text{O}$ Fusion Reaction Toward Stellar Energies by the Trojan Horse Method. EPJ Web of Conferences, 2016, 117, 09013.	0.1	2
149	First time evidence of pronounced plateaus right above the Coulomb barrier in $8\text{Li} + 4\text{He}$ fusion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 449-452.	1.5	3
150	A hitchhiker's guide to the Trojan Horse Method. Journal of Physics: Conference Series, 2016, 703, 012010.	0.3	0
151	Study of $^{16}\text{O}(^{12}\text{C}, ^{20}\text{Ne})^{\pm}$ for the investigation of carbon-carbon fusion reaction via the Trojan Horse Method. Journal of Physics: Conference Series, 2016, 703, 012024.	0.3	2
152	Trojan Horse measurement of the $^{18}\text{F}(p, \alpha)^{15}\text{O}$ astrophysical S(E)-factor. European Physical Journal A, 2016, 52, 1.	1.0	50
153	Reaction rate of the $^{13}\text{C}(^1_0n, ^{16}\text{O})$ neutron source using the ANC of the -3 keV resonance measured with the THM. Journal of Physics: Conference Series, 2016, 665, 012013.	0.3	0
154	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.	0.3	3
155	Toward a reassessment of the $^{19}\text{F}(p, \alpha)^{16}\text{O}$ reaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 449-452.	1.5	43
156	Improvement of the high-accuracy $^{17}\text{O}(p, \alpha)^{14}\text{N}$ reaction rate determination. Physical Review C, 2015, 92, .	1.1	78
157	Study of the $^{18}\text{O}(p, \alpha)^{15}\text{N}$ reaction rate determination. Physical Review C, 2015, 92, .	1.1	78
158	Study of the $^{10}\text{B}(p, ^1_0n)^7\text{Be}$ reaction through the indirect Trojan Horse method. , 2015, , .		0
159	Investigating resonances above and below the threshold in nuclear reactions of astrophysical interest and beyond. AIP Conference Proceedings, 2015, , .	0.3	0
160	Resonance strength measurement at astrophysical energies: The $^{17}\text{O}(p, ^1_0n)^{14}\text{N}$ reaction studied via Trojan Horse Method. AIP Conference Proceedings, 2015, , .	0.3	1
161	The AGB star nucleosynthesis in the light of the recent $^{17}\text{O}(p, ^1_0n)^{14}\text{N}$ and $^{18}\text{O}(p, ^1_0n)^{15}\text{N}$ reaction rate determinations. , 2015, , .		0
162	THM determination of the 65 keV resonance strength intervening in the $^{17}\text{O}(p, ^1_0n)^{14}\text{N}$ reaction rate. , 2015, , .		0

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163	Trojan Horse Method: recent results in nuclear astrophysics. Journal of Physics: Conference Series, 2015, 630, 012020.	0.3	0
164	Measurement of sub threshold resonance contributions to fusion reactions: the case of the $^{13}\text{C}(\hat{\pm}, \text{Tj}) \text{ETQq}0\ 0\ 0\ \text{rgBT} / \text{Overlock } 10\ \text{Tf } 5$	0.1	0
165	The effect of the recent $^{17}\text{O}(\text{p}, \hat{\pm})^{14}\text{N}$ and $^{18}\text{O}(\text{p}, \hat{\pm})^{15}\text{N}$ fusion cross section measurements in the nucleosynthesis of AGB stars. EPJ Web of Conferences, 2015, 86, 00030.	0.1	0
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