

Silvio Cherubini

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3340849/publications.pdf>

Version: 2024-02-01

212
papers

3,955
citations

81743

39
h-index

133063

59
g-index

217
all docs

217
docs citations

217
times ranked

1018
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactions induced by the halo nucleus ^6He at energies around the Coulomb barrier. <i>Physical Review C</i> , 2004, 69, .	1.1	216
2	Study of the elastic scattering of ^6He on ^{208}Pb at energies around the Coulomb barrier. <i>Nuclear Physics A</i> , 2008, 803, 30-45.	0.6	148
3	An increase in the $^{12}\text{C} + ^{12}\text{C}$ fusion rate from resonances at astrophysical energies. <i>Nature</i> , 2018, 557, 687-690.	13.7	123
4	Louvain-Edinburgh Detector Array (LEDA): a silicon detector array for use with radioactive nuclear beams. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000, 454, 350-358.	0.7	104
5	The $^{11}\text{B}(p, \hat{1}\pm)^0\text{Be}^8$ reaction at sub-Coulomb energies via the Trojan-horse method. <i>Physical Review C</i> , 2004, 69, .	1.1	103
6	α -Trojan horse method applied to $^2\text{H}(^6\text{Li}, \hat{1}\pm)^4\text{He}$ at astrophysical energies. <i>Physical Review C</i> , 2001, 63, .	1.1	99
7	CD: A double sided silicon strip detector for radioactive nuclear beam experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 480, 448-455.	0.7	98
8	Indirect $^7\text{Li}(p, \hat{1}\pm)^4\text{He}$ reaction at astrophysical energies. <i>Physical Review C</i> , 1999, 60, .	1.1	91
9	Elastic scattering of the halo nucleus ^6He from ^{208}Pb above the Coulomb barrier. <i>Nuclear Physics A</i> , 2003, 728, 339-349.	0.6	86
10	THE FLUORINE DESTRUCTION IN STARS: FIRST EXPERIMENTAL STUDY OF THE $^{19}\text{F}(p, \hat{1}\pm)^0\text{Tj} \text{ ETQq0 0 0 rgBT /Over}$ 2011, 739, L54.	3.0	85
11	The ^6He scattering and reactions on ^{12}C and cluster states of ^{14}C . <i>Nuclear Physics A</i> , 2004, 730, 285-298.	0.6	83
12	Elastic scattering and ^6He -particle production in ^6He reaction at astrophysical energies. <i>Physical Review C</i> , 2015, 92, .	1.1	80
13	Measurement of the ^{20}O and ^{90}Ar resonances in the ^6He reaction at astrophysical energies. <i>Physical Review C</i> , 2015, 92, .	1.1	78
14	Indirect Investigation of the $\text{D} + ^6\text{Li}$ Reaction at Low Energies Relevant for Nuclear Astrophysics. <i>Astrophysical Journal</i> , 1996, 457, 855.	1.6	78
15	A NOVEL APPROACH TO MEASURE THE CROSS SECTION OF THE $^{18}\text{O}(p, \hat{1}\pm)^{15}\text{N}$ RESONANT REACTION IN THE 0-200 keV ENERGY RANGE. <i>Astrophysical Journal</i> , 2010, 708, 796-811.	1.6	74
16	Bare-nucleus astrophysical factor of the $^3\text{He}(d, p)^4\text{He}$ reaction via the α -Trojan horse method. <i>Physical Review C</i> , 2005, 72, .	1.1	68
17	New high accuracy measurement of the $^{10}\text{B}(p, \hat{1}\pm)^0\text{Tj} \text{ ETQq1 1 0.784314 rgBT /}$ <i>Physical Review C</i> , 2015, 92, .	2.9	65

#	ARTICLE	IF	CITATIONS
19	Sequential decay reactions induced by a 18 MeV 6He beam on 6Li and 7Li. Nuclear Physics A, 2005, 753, 263-287.	0.6	59
20	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
21	Suppression of the Coulomb Interaction in the Off-Energy-Shell α -p Scattering from the $d+\alpha \rightarrow p+n$ Reaction. Physical Review Letters, 2007, 98, 252502 Astrophysical $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle S \langle \text{mml:mi} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle E \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle T_j \text{ ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (stretchy="false")} \langle \text{mml:m} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle N \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle / \rangle \langle \text{mml:none} \rangle / \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle 15 \langle \text{mml:m} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle Li \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle / \rangle \langle \text{mml:none} \rangle$	2.9	59
22		1.1	59
23	New Improved Indirect Measurement of the $^{19}\text{F}(p, \hat{\pm})^{16}\text{O}$ Reaction at Energies of Astrophysical Relevance. Astrophysical Journal, 2017, 845, 19. Trojan horse particle invariance studied with the $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle Li \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle / \rangle \langle \text{mml:none} \rangle$	1.6	56
24			

#	ARTICLE	IF	CITATIONS
37	Influence of the α -particle motion in ${}^6\text{Li}$ on Trojan horse applications. <i>Physical Review C</i> , 2005, 71, .	1.1	43
38	${}^2\text{H}({}^{18}\text{F}, p){}^{15}\text{N}$ reaction applied to nova β -ray emission. <i>Physical Review C</i> , 2003, 67, .	1.1	42
39	Off-energy-shell α -particle scattering at sub-Coulomb energies via the Trojan horse method. <i>Physical Review C</i> , 2008, 78, .	1.2	42
40	First Measurement of the ${}^{19}\text{F}(\alpha, p){}^{22}\text{Ne}$ Reaction at Energies of Astrophysical Relevance. <i>Astrophysical Journal</i> , 2017, 836, 57.	1.6	40
41	Validity test of the Trojan Horse Method applied to the ${}^7\text{Li} + p \rightarrow \alpha + {}^4\text{He}$ reaction via the ${}^3\text{He}$ break-up. <i>European Physical Journal A</i> , 2006, 27, 243-248.	1.0	39
42	Boron depletion: indirect measurement of the ${}^{10}\text{B}(p, \alpha){}^7\text{Be}$ S(E)-factor. <i>Nuclear Physics A</i> , 2007, 787, 309-314.	0.6	39
43	7.07 MeV resonant state in ${}^{19}\text{Ne}$ reexamined through a new measurement of the ${}^{18}\text{F}(p, \alpha){}^{15}\text{O}$ reaction and ${}^{18}\text{F}(p, p)$ scattering. <i>Physical Review C</i> , 2000, 63, .	1.1	38
44	A Trojan Horse Approach to the Production of ${}^{18}\text{F}$ in Novae. <i>Astrophysical Journal</i> , 2017, 846, 65.	1.6	38
45	The Trojan Horse Method in nuclear astrophysics. <i>Nuclear Physics A</i> , 2003, 719, C99-C106.	0.6	37
46	Light-particle emission in the reaction ${}^6\text{He} + {}^{64}\text{Zn}$ around the Coulomb barrier. <i>Europhysics Letters</i> , 2003, 64, 309-315.	0.7	37
47	${}^2\text{n}$ -transfer contribution in the ${}^4\text{He}({}^6\text{He}, {}^6\text{He}){}^4\text{He}$ cross section at $E_{\text{c.m.}} = 11.6$ MeV. <i>Physical Review C</i> , 2003, 67, .	1.1	33
48	Scattering of ${}^6\text{He}$ at energies around the Coulomb barrier. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2005, 31, S1953-S1958.	1.4	33
49	Indirect measurement of nuclear reaction cross sections at astrophysical energies. <i>Nuclear Physics A</i> , 1997, 621, 139-142.	0.6	31
50	Measurement of the ${}^{\text{B}}{}^{10}(p, \alpha){}^{\text{Be}}{}^7$ cross section from 5 keV to 1.5 MeV in a single experiment using the Trojan horse method. <i>Physical Review C</i> , 2017, 95, .	1.1	30
51	Low-energy radioactive ion beam induced nuclear reactions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1998, 24, 1553-1559.	1.4	29
52	Molecular structures in ${}^{\text{T}}{}^{\text{O}}{}^{\text{B}}{}^{\text{B}}$ states of ${}^{\text{T}}{}^{\text{O}}{}^{\text{B}}{}^{\text{B}}$. <i>Physical Review C</i> , 2011, 84, .	1.1	29
53	New Advances in the Trojan Horse Method as an Indirect Approach to Nuclear Astrophysics. <i>Few-Body Systems</i> , 2013, 54, 745-753.	0.7	29
54	The ${}^{19}\text{F}(\alpha, p){}^{22}\text{Ne}$ Reaction at Energies of Astrophysical Relevance by Means of the Trojan Horse Method and Its Implications in AGB Stars. <i>Astrophysical Journal</i> , 2018, 860, 61.	1.6	29

#	ARTICLE	IF	CITATIONS
55	The $6\text{He} + 6\text{Li}$ reactions and exotic states of 10Be . <i>Europhysics Letters</i> , 1999, 48, 616-622.	0.7	28
56	Indirect techniques in nuclear astrophysics. <i>European Physical Journal A</i> , 2006, 27, 205-215.	1.0	22
57	Indirect measurement of the $^{15}\text{N}(p, \hat{\pm})^{12}\text{C}$ reaction cross section through the Trojan-Horse Method. <i>European Physical Journal A</i> , 2006, 27, 249-254.	1.0	22
58	The $\hat{\pm}$. <i>European Physical Journal A</i> , 2000, 7, 181.	1.0	22
59	Experimental study of resonant states in ^{27}P via elastic scattering of $^{26}\text{Si}+p$. <i>Physical Review C</i> , 2012, 85, .	1.1	21
60	Cross-section of $^8\text{Li}(\alpha, n)^{11}\text{B}$: Inhomogeneous Big Bang nucleosynthesis. <i>European Physical Journal A</i> , 2004, 20, 355-358.	1.0	20
61	Indirect measurement of the $^{18}\text{O}(p, \hat{\pm})^{15}\text{N}$ reaction rate through the THM. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008, 35, 014014.	1.4	20
62	Indirect study of the astrophysically important $^{15}\text{O}(\hat{\pm}, \hat{\beta}^{\pm})^{19}\text{Ne}$ reaction through $^2\text{H}(^{18}\text{Ne}, ^{19}\text{Ne})^1\text{H}$. <i>Physical Review C</i> , 2002, 66, .	1.1	19
63	On the magnitude of the $^8\text{Li} + 4\text{He} \hat{\rightarrow} ^{11}\text{B} + n$ reaction cross section at the Big-Bang temperature. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 664, 157-161.	1.5	19
64	Study of the $^{10}\text{B}(p, \alpha)^7\text{Be}$ reaction by means of the Trojan Horse Method. <i>European Physical Journal A</i> , 2018, 54, 1.	1.0	19
65	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
66	Indirect Study of the Astrophysically Relevant $^6\text{Li}(p, \hat{\pm})^3\text{He}$ Reaction by Means of the Trojan Horse Method. <i>Progress of Theoretical Physics Supplement</i> , 2004, 154, 341-348.	0.2	16
67	Trojan horse measurement of the $^{10}\text{B}(p, \alpha)^7\text{Be}$ reaction cross section in the ene. <i>Physical Review C</i> , 2018, 97, .	1.1	16
68	Nuclear forward glory, $\text{if } \text{RandfN}(\hat{\theta})$ in the scattering of ^6He by carbon. <i>Physical Review C</i> , 1999, 60, .	1.1	14
69	Reactions induced by 18 MeV ^6He beam on ^6Li , ^7Li and ^{12}C . <i>Nuclear Physics A</i> , 2004, 746, 183-187.	0.6	14
70	Indirect Techniques in Nuclear Astrophysics. Asymptotic Normalization Coefficient and Trojan Horse. <i>Nuclear Physics A</i> , 2007, 787, 321-328.	0.6	14
71	Observation of $^{15}\text{N} + \hat{\pm}$ resonant structures in ^{19}F using the thick target in inverse kinematics scattering method. <i>Physical Review C</i> , 2019, 99, .	1.1	14
72	The $^{10}\text{B}(n, \alpha)^7\text{Li}$ cross sections at ultra-low energy through the Trojan Horse Method applied to the $^2\text{H}(^{10}\text{B}, \alpha)^7\text{Li}$. <i>European Physical Journal A</i> , 2019, 55, 1.	1.0	14

#	ARTICLE	IF	CITATIONS
73	Indirect study of ^{19}Ne states near the threshold. Nuclear Physics A, 2007, 791, 251-266.	0.6	13
74	$\hat{1}\pm$ - ^5He decaying states and the ground-state rotational band of ^9Be . Europhysics Letters, 1998, 41, 489-494.	0.7	12
75	^{25}Al resonances via elastic proton scattering with a radioactive $^8\text{Li} + \hat{1}\pm$ decay of ^{12}B and its possible astrophysical implications. Europhysics Letters, 2003, 63, 524-530.	0.7	12
76	SOLVING THE LARGE DISCREPANCY BETWEEN INCLUSIVE AND EXCLUSIVE MEASUREMENTS OF THE $^8\text{Li} + ^4\text{He}$ $\hat{1}\pm'$ $^{11}\text{B} + n$ REACTION CROSS SECTION AT ASTROPHYSICAL ENERGIES. Astrophysical Journal, 2009, 706, L251-L255.	1.6	11
77	^7Li quasi-free scattering off the $\hat{1}\pm$ -cluster in ^9Be nucleus. European Physical Journal A, 1998, 3, 303-305.	1.0	10
78	$^4\text{He}^2+$ and $^4\text{He}^3+$, exotic impurities in $^6\text{He}^+$ beam. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 447, 544-547.	0.7	10
79	Bare astrophysical $S(E)$ -factor for the $^6\text{Li}(d, \hat{1}\pm)^4\text{He}$ and $^7\text{Li}(p, \hat{1}\pm)^4\text{He}$ reactions at astrophysical energies. Nuclear Physics A, 2003, 718, 496-498.	0.6	10
80	^4He 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
81	Active target studies of the $\hat{1}\pm p$ -process at CRIB. , 2014, , .		10
82	Angular distributions of the reaction around the 32.5 MeV resonance. Nuclear Physics A, 1995, 583, 281-286.	0.6	9
83	Two-proton pickup reaction($^6\text{He}, ^8\text{Be}$) on $^{12}\text{C}, ^{16}\text{O}$, and ^{19}F . Physical Review C, 2004, 70, .	1.1	9
84	Toward correction-free ^{11}B data at the Gamow energy of explosive nucleosynthesis. Journal of Physics C: Nuclear and Particle Physics, 2010, 37, 105105.	1.4	9
85	Intermediate width structures in the $^{12}\text{C}(^{12}\text{C}, ^8\text{Be})^{16}\text{O}$ reaction at E c.m. =20 to 30 MeV. Zeitschrift für Physik A, 1997, 357, 291-296.	0.9	8
86	Indirect study of the $^6\text{Li}(p, \hat{1}\pm)^3\text{He}$ reaction at astrophysical energies. Nuclear Physics A, 2003, 718, 499-501.	0.6	8
87	Study of the $^3\text{He}(d, p)^4\text{He}$ reaction through the Trojan Horse Method. Nuclear Physics A, 2005, 758, 98-101.	0.6	8
88	The Texas-Edinburgh-Catania Silicon Array (TECSA): A detector for nuclear astrophysics and nuclear structure studies with rare isotope beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 634, 71-76.	0.7	8
89	Nuclear structure of ^{30}S and its implications for nucleosynthesis in classical novae. Physical Review C, 2013, 87, .	1.1	8
90			

#	ARTICLE	IF	CITATIONS
91	Structure effects on reaction mechanisms in collisions induced by radioactive ion beams. Physics of Atomic Nuclei, 2006, 69, 1366-1371.	0.1	7
92	The Trojan horse method in nuclear astrophysics: recent results. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014008.	1.4	7
93	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 $^2\text{H}(\text{H}^{27}\text{Al},\alpha)^{24}\text{Mg}$ reaction. <i>Journal of Nuclear Energy, Part C: Plasma Physics</i> , 2008, 39, 1-7.	0.1	7
94	Investigation of reactions using a radioactive beam. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 425, 1-7.	0.7	6
95	Borromean nucleus reactions induced below the breakup threshold: $^6\text{He}+\text{p}$. Physical Review C, 2001, 63, .	1.1	6
96	The astrophysical factor for the $^{11}\text{B}(\text{p},\alpha)^8\text{Be}$ reaction extracted via the Trojan Horse method. Nuclear Physics A, 2004, 738, 406-410.	0.6	6
97	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
98	Transfer, sequential decay, and quasi-free reactions induced by 18-MeV ^6He beam on ^6Li , ^7Li , and ^{12}C . Physics of Atomic Nuclei, 2006, 69, 1360-1365.	0.1	6
99	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
100	Indirect study of $^{11}\text{B}(\text{p},\alpha)^8\text{Be}$ and $^{10}\text{B}(\text{p},\alpha)^7\text{Be}$ reactions at astrophysical energies by means of the Trojan Horse Method: recent results. Nuclear Physics A, 2010, 834, 655c-657c.	0.6	6
101	Study of the $^{18}\text{F}(\text{p},\alpha)^{15}\text{O}$ reaction for application to nova $\hat{\text{I}}^3$ -ray emission. Nuclear Physics A, 2003, 718, 259-262.	0.6	5
102	Polyalkylphenyl-sulphonic acids with acid groups of variable strength from animal-vegetable wastes. Waste Management, 2004, 24, 513-522.	3.7	5
103	New High-Precision Measurement of the Reaction Rate of the $^{18}\text{O}(\text{p},\alpha)^{15}\text{N}$ Reaction. <i>Physical Review Letters</i> , 2008, 101, 172501.	1.3	5
104	Elastic scattering of ^2H on ^{27}Al at astrophysical energies. <i>Physical Review Letters</i> , 2008, 101, 172501.	1.1	5
105	Explore the resonance structure in the $^{27}\text{Al}(\text{p},\alpha)^{24}\text{Mg}$ reaction. <i>Physical Review Letters</i> , 2008, 101, 172501.	1.5	5
106	Coulomb Suppression Effects in the Proton-Proton Elastic Scattering Extracted from the $^2\text{H}(\text{p},\text{pp})\text{n}$ Reaction. Progress of Theoretical Physics Supplement, 2004, 154, 349-355.	0.2	4
107	The Trojan-Horse Method applied to the $^6\text{Li}(\text{p},\alpha)^3\text{He}$ reaction down to astrophysical energies. Nuclear Physics A, 2004, 734, 639-642.	0.6	4
108	^6He quasi-free scattering off clusters in ^6Li ?. Europhysics Letters, 2006, 76, 801-807.	0.7	4

#	ARTICLE	IF	CITATIONS
109	Trojan Horse Method: recent applications in nuclear astrophysics. Nuclear Physics A, 2010, 834, 639c-642c.	0.6	4
110	Trojan Horse method and radioactive ion beams: study of $^{18}\text{F}(p, \hat{t})^{15}\text{O}$ reaction at astrophysical energies. Journal of Physics: Conference Series, 2013, 420, 012149.	0.3	4
111	Measurements of the neutron-induced reactions on ^7Be with CRIB by the Trojan Horse method. AIP Conference Proceedings, 2018, , .	0.3	4
112	Detection of breakup fragments in inverse Coulomb dissociation experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 419, 167-174.	0.7	3
113	The $^{19}\text{F}(i, \hat{t})p$, ^{22}Ne and $^{23}\text{Na}(p, i) ^{20}\text{Ne}$ reaction in AGB nucleosynthesis via THM. EPJ Web of Conferences, 2018, 184, 02003.	0.1	3
114	$^{10}\text{B}(n, \alpha) ^7\text{Li}$ and $^{10}\text{B}(n, \alpha) ^7\text{Li}$ reactions measured via Trojan Horse Method. European Physical Journal A, 2021, 57, 1.	1.0	3
115	Trojan Horse Investigation for AGB Stellar Nucleosynthesis. Universe, 2022, 8, 128.	0.9	3
116	Pole approximation in the quasi-free $t + p$ scattering and the $t(p,d)$ reaction via the $t + d$ interaction. Few-Body Systems, 2008, 44, 353-356.	0.7	2
117	Trojan Horse Method: A tool to explore electron screening effect. Journal of Physics: Conference Series, 2010, 202, 012018.	0.3	2
118	Role of clusters in nuclear astrophysics with Cluster Nucleosynthesis Diagram (CND). Journal of Physics: Conference Series, 2013, 436, 012071.	0.3	2
119	Nuclear Astrophysics with the Trojan Horse Method. Journal of Physics: Conference Series, 2016, 665, 012009.	0.3	2
120	Application of Trojan Horse Method to radioactive ion beams induced reactions. Journal of Physics: Conference Series, 2020, 1610, 012005.	0.3	2
121	The $^9\text{Be}+d$ reaction and ^4H . Il Nuovo Cimento A, 1995, 108, 1163-1170.	0.2	1
122	New developments and recent results in nuclear astrophysics at Louvain-la-Neuve. Nuclear Physics A, 2002, 701, 632-636.	0.6	1
123	New Perspectives in the Studies of Resonance Scattering. Acta Physica Hungarica A Heavy Ion Physics, 2003, 18, 215-222.	0.4	1
124	Few-body problems in nuclear astrophysics. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1413-S1415.	1.4	1
125	Proton-proton elastic scattering via the Trojan horse method. Few-Body Systems, 2008, 43, 219-225.	0.7	1
126	New results on the Trojan Horse Method applied to the $^{10,11}\text{B}+p$ reactions. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
127	First measurement of the $^{18}\text{O}(p,\alpha)^{15}\text{N}$ cross section at astrophysical energies. Journal of Physics: Conference Series, 2010, 202, 012019.	0.3	1
128	Indirect Approach To The $^2\text{H}(d,p)^3\text{H}$ Reaction Study. , 2010, , .		1
129	Trojan Horse Method: a useful tool for electron screening effect investigation. Nuclear Physics A, 2010, 834, 673c-675c.	0.6	1
130	Title is missing!. Acta Physica Polonica B, 2011, 42, 769.	0.3	1
131	Light nuclear clusters to look into the bright stars. , 2012, , .		1
132	Trojan Horse Method and RIBs: The $^{18}\text{F}(p,\alpha)^{15}\text{O}$ reaction at astrophysical energies. , 2012, , .		1
133	Investigation of the $^{19}\text{F}(p,\alpha)^{16}\text{O}$ reaction in the THM framework. Journal of Physics: Conference Series, 2013, 420, 012139.	0.3	1
134	From Nuclei to Stars with a Trojan Horse. Acta Physica Polonica B, 2014, 45, 181.	0.3	1
135	In-beam α -ray Spectroscopy of ^{30}P via the $^{28}\text{Si}(^3\text{He},p)^{30}\text{P}$ Reaction. Nuclear Data Sheets, 2014, 120, 88-90.	0.7	1
136	The $^{12}\text{C}(^{12}\text{C},\alpha)^{20}\text{Ne}$ 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
137	The Trojan Horse Method in Nuclear Astrophysics. EPJ Web of Conferences, 2018, 184, 01016.	0.1	1
138	Indirect methods constraining nuclear capture - the Trojan Horse Method. Journal of Physics: Conference Series, 2020, 1668, 012045.	0.3	1
139	^{19}F spectroscopy and implications for astrophysics. Journal of Physics: Conference Series, 2020, 1668, 012023.	0.3	1
140	The $^{12}\text{C}+^{12}\text{C} \rightarrow ^8\text{Be} + ^{16}\text{O}$ reaction at $E_{\text{cm}}=27$ to 36 MeV. Zeitschrift für Physik A, 1996, 354, 119-120.	0.9	0
141	Fusion reaction studies with RIBs and possible experimental techniques. Progress in Particle and Nuclear Physics, 2001, 46, 317-318.	5.6	0
142	Few-body problems in nuclear astrophysics. AIP Conference Proceedings, 2005, , .	0.3	0
143	Improved information on the $^7\text{Li}+p \rightarrow ^4\text{He} + ^4\text{He}$ reaction via the Trojan Horse Method applied to the ^3He break-up. AIP Conference Proceedings, 2006, , .	0.3	0
144	Indirect techniques in nuclear astrophysics. AIP Conference Proceedings, 2006, , .	0.3	0

#	ARTICLE	IF	CITATIONS
145	Trojan Horse Method: Recent Experiments. AIP Conference Proceedings, 2006, , .	0.3	0
146	Reactions induced by 18 MeV 6He beam on 6Li, 7Li and 12C. AIP Conference Proceedings, 2006, , .	0.3	0
147	Reaction Mechanisms in Collisions Induced by Halo and/or Weakly Bound Nuclei Around the Barrier: the $^{13}\text{N}+^9\text{Be}$ and $^6\text{He}+^{64}\text{Zn}$ Collisions. AIP Conference Proceedings, 2006, , .	0.3	0
148	Indirect Measurement of $^{15}\text{N}(p,\hat{\pm})^{12}\text{C}$ and $^{18}\text{O}(p,\hat{\pm})^{15}\text{N}$. Applications to the AGB Star Nucleosynthesis. AIP Conference Proceedings, 2008, , .	0.3	0
149	Indirect Measurements for $(p,\hat{\pm})$ Reactions Involving Boron Isotopes. AIP Conference Proceedings, 2008, , .	0.3	0
150	The trojan horse method as indirect technique in nuclear astrophysics. Journal of Physics: Conference Series, 2008, 111, 012033.	0.3	0
151	Nuclear Proton-proton Elastic Scattering via the Trojan Horse Method. , 2009, , .		0
152	Effects of Distortion on the Intercluster Motion in Light Nuclei. , 2009, , .		0
153	The study of $^{18}\text{F}+p$ reaction at astrophysical energies. , 2009, , .		0
154	The Trojan Horse method as an indirect approach for nuclear astrophysics studies. Journal of Physics: Conference Series, 2010, 205, 012048.	0.3	0
155	Indirect measurement of $^{17}\text{O}(p,\hat{\pm})^{14}\text{N}$ cross section at ultra-low energies. Journal of Physics: Conference Series, 2010, 202, 012021.	0.3	0
156	Coulomb suppression in the low-energy p-p elastic scattering via the Trojan Horse Method. , 2010, , .		0
157	First Experimental Measurement of the $^{18}\text{O}(p,\hat{\pm})^{15}\text{N}$ Reaction at Astrophysical Energies. , 2010, , .		0
158	Pole approximation validation in the study of the $^6\text{Li}(d,\hat{\pm})^4\text{He}$ reaction. , 2010, , .		0
159	The $^2\text{H}(d,p)^3\text{H}$ Reaction At Astrophysical Energies Studied Via The Trojan Horse Method And Pole Approximation Validity Test. , 2010, , .		0
160	The Trojan Horse Method as a tool to investigate low-energy resonances: the $^{18}\text{O}(p,\hat{\pm})^{15}\text{N}$ and $^{17}\text{O}(p,\hat{\pm})^{14}\text{N}$ cases. , 2010, , .		0
161	Improved Results on Extraction of $^{11}\text{B}(p,\hat{\pm})^8\text{Be}$ and $^{10}\text{B}(p,\hat{\pm})^7\text{Be}$ S(E)-Factor Through the Trojan Horse Method. , 2010, , .		0
162	Nuclear Astrophysics and Neutron Induced Reactions: Quasi-Free Reactions and RIBs. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
163	Study of the $^{10}\text{B}(p,\hat{\pm})^7\text{Be}$ Reaction through the Indirect Trojan Horse Method. , 2010, , .		0
164	Spectator invariance test in the study of the Trojan Horse Method $^6,7\text{Li}$ fusion reactions via the Trojan Horse Method. EPJ Web of Conferences, 2011, 17, 06004.	0.1	0
165	Study Of The Scattering Of Halo Nuclei Around The Coulomb Barrier. , 2011, , .		0
166	High accuracy $^{18}\text{O}(p,\hat{\pm})^{15}\text{N}$ reaction rate in the $8 \times 10^6 \text{--} 5 \times 10^9 \text{ K}$ temperature range. , 2011, , .		0
167	Study of proton resonance structure in ^{27}P via resonant elastic scattering of $^{26}\text{Si}+p$. , 2012, , .		0
168	Measurement of $^{25}\text{Al}+p$ resonant elastic scattering for studying the $^{25}\text{Al}(p,\hat{\pm})^{26}\text{Si}$. , 2012, , .		0
169	Experimental challenge to nuclear physics problems in the $\hat{1}/2p$ -process. , 2012, , .		0
170	The fluorine destruction in stars: First experimental study of the $^{19}\text{F}(p,\hat{\pm})^{16}\text{O}$ reaction at astrophysical energies. , 2012, , .		0
171	Experimental challenge to nucleosynthesis in core-collapse supernovae - Very early epoch of type II SNe -. , 2013, , .		0
172	Electron screening effects in $(p,\hat{\pm})$ reactions induced on boron isotopes studied via the Trojan Horse Method. Journal of Physics: Conference Series, 2013, 436, 012075.	0.3	0
173	Application of the Trojan Horse Method to study neutron induced reactions: the $^{17}\text{O}(n,\hat{\pm})^{14}\text{C}$ reaction. EPJ Web of Conferences, 2014, 66, 07008.	0.1	0
174	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
175	First results of Trojan horse method using radioactive ion beams: $^{18}\text{F}(p,\hat{\pm})$ at astrophysical energies. , 2014, , .		0
176	Study of the $^{17}\text{O}(n,\hat{\pm})^{14}\text{C}$ reaction: Extension of the Trojan Horse Method to neutron induced reactions. , 2014, , .		0
177	The Trojan Horse method for nuclear astrophysics: Recent results on resonance reactions. , 2014, , .		0
178	$^{17}\text{O}(p,\hat{\pm})^{14}\text{N}$ reaction measurement at astrophysical energies. , 2014, , .		0
179	The $^{17}\text{O}(p,\hat{\pm})^{14}\text{N}$ reaction measurement via the Trojan horse method and its application to ^{17}O nucleosynthesis. , 2014, , .		0
180	The Trojan Horse method for nuclear astrophysics: Recent results for direct reactions. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
181	Trojan Horse Method: recent results in nuclear astrophysics. Journal of Physics: Conference Series, 2015, 630, 012020.	0.3	0
182	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
183	Studying astrophysical reactions with low-energy RI beams at CRIB. EPJ Web of Conferences, 2016, 117, 09005.	0.1	0
184	C-burning via the Trojan horse method. AIP Conference Proceedings, 2017, , .	0.3	0
185	Fusion reactions induced by radioactive beams: the $^{18}\text{F}(p, \hat{1}\pm)^{15}\text{O}$ case. EPJ Web of Conferences, 2017, 163, 00046.	0.1	0
186	Clusterization of light nuclei and the Trojan Horse Method. Journal of Physics: Conference Series, 2017, 863, 012072.	0.3	0
187	Nuclear reactions in AGB nucleosynthesis: the $^{19}\text{F}(\hat{1}\pm, p)^{22}\text{Ne}$ at energies of astrophysical relevance. EPJ Web of Conferences, 2017, 165, 01019.	0.1	0
188	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
189	Trojan Horse Method experiments with radioactive ion beams. EPJ Web of Conferences, 2018, 184, 01008.	0.1	0
190	C-burning at astrophysical energies via the Trojan Horse Method. AIP Conference Proceedings, 2018, , .	0.3	0
191	Indirect methods in nuclear astrophysics. European Physical Journal Plus, 2018, 133, 1.	1.2	0
192	Indirect studies on astrophysical reactions at the low-energy RI beam separator CRIB. AIP Conference Proceedings, 2018, , .	0.3	0
193	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
194	Calibration of detectors for studying the $^{19}\text{F}(p, \hat{1}\pm)^{16}\text{O}$ reaction at astrophysical energies via the Trojan Horse Method. AIP Conference Proceedings, 2019, , .	0.3	0
195	THM applied to the investigation of explosive astrophysical scenarios. Journal of Physics: Conference Series, 2019, 1308, 012012.	0.3	0
196	Neutron-induced reactions investigated via the Trojan Horse Method. Journal of Physics: Conference Series, 2019, 1308, 012022.	0.3	0
197	Nuclear astrophysics experiments with trojan horse method. AIP Conference Proceedings, 2019, , .	0.3	0
198	Application of the THM to the investigation of reactions induced by unstable nuclei: the $^{18}\text{F}(p, \hat{1}\pm)^{15}\text{O}$ case. EPJ Web of Conferences, 2019, 223, 01030.	0.1	0

#	ARTICLE	IF	CITATIONS
199	Nuclear Physics in Stellar Lifestyles with the Trojan Horse Method. EPJ Web of Conferences, 2019, 223, 01065.	0.1	0
200	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
201	Preliminary results for the $^{19}\text{F}(^{16}\text{O})$ reaction cross section measured at INFN-LNS. EPJ Web of Conferences, 2020, 227, 02009.	0.1	0
202	Validity test of the Trojan Horse Method applied to the $^7\text{Li} + p \rightarrow ^8\text{Be} + n$ reaction via the ^3He break-up. , 2006, , 243-248.		0
203	Indirect measurement of the $^{15}\text{N}(p, n)^{12}\text{C}$ reaction cross section through the Trojan-Horse Method. , 2006, , 249-254.		0
204	Study of the $^9\text{Be}(p, n)^8\text{Li}$ reaction via the Trojan Horse Method. , 2006, , 221-225.		0
205	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
206	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
207	The $^{19}\text{F}(\alpha, p)^{22}\text{Ne}$ and $^{23}\text{Na}(p, \alpha)^{20}\text{Ne}$ Reactions at Astrophysical Energies. Springer Proceedings in Physics, 2019, , 339-342.	0.1	0
208	Overview on the Trojan Horse Method in nuclear astrophysics. Journal of Physics: Conference Series, 2020, 1643, 012051.	0.3	0
209	Inclusive breakup measurements of the $^7\text{Li} + ^{119}\text{Sn}$ reaction. Journal of Physics: Conference Series, 2020, 1643, 012085.	0.3	0
210	Experiments on astrophysical reactions with low-energy unstable nuclei beams at CRIB. Journal of Physics: Conference Series, 2020, 1643, 012069.	0.3	0
211	Indirect techniques in nuclear astrophysics. , 2006, , 205-215.		0
212	Quasi-free $^6\text{Li}(n, p)^3\text{H}$ reaction at low energy from ^2H break-up. , 2005, , 649-650.		0