

Claudio Spitaleri

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

315
papers

5,263
citations

42
h-index

60
g-index

429
ext. papers

5,953
ext. citations

2.2
avg, IF

4.77
L-index

#	Paper	IF	Citations
315	$(^{10}\text{B}(n, \alpha_0))(^7\text{Li})$ 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	2.5	1
314	Theoretical Predictions of Surface Light Element Abundances in Protostellar and Pre-Main Sequence Phase. <i>Frontiers in Astronomy and Space Sciences</i> , 2021 , 8,	3.8	1
313	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	2.5	
312	$\text{Si}^{26}(\text{p}, \text{p}')^{27}\text{Si}$ direct proton capture by means of the asymptotic normalization coefficients method for mirror nuclei. <i>Physical Review C</i> , 2021 , 103,	2.7	3
311	Experimental Nuclear Astrophysics With the Light Elements Li, Be and B: A Review. <i>Frontiers in Astronomy and Space Sciences</i> , 2021 , 7,	3.8	1
310	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	7.9	3
309	Indirect determination of the astrophysical S factor for the $\text{Li}^6(\text{p}, \text{p}')^7\text{Li}$ reaction using the asymptotic normalization coefficient method. <i>Physical Review C</i> , 2021 , 104,	2.7	3
308	^{19}F spectroscopy and implications for astrophysics. <i>Journal of Physics: Conference Series</i> , 2020 , 1668, 012023	0.3	0
307	Application of Trojan Horse Method to radioactive ion beams induced reactions. <i>Journal of Physics: Conference Series</i> , 2020 , 1610, 012005	0.3	1
306	Indirect study of the $^3\text{He}(n, \text{p})^3\text{H}$ reaction at cosmological energies. <i>Journal of Physics: Conference Series</i> , 2020 , 1668, 012039	0.3	
305	Study of $^3\text{He}(n, \text{p})^3\text{H}$ reaction at cosmological energies with trojan horse method. <i>EPJ Web of Conferences</i> , 2020 , 227, 02013	0.3	1
304	Study of the quasi-free $(^3\text{He} + ^9\text{Be} \rightarrow 3\alpha)$ reaction for the Trojan Horse Method. <i>European Physical Journal A</i> , 2020 , 56, 1	2.5	3
303	Resonant reactions of astrophysical interest studied by means of the Trojan Horse Method. Two case studies. <i>EPJ Web of Conferences</i> , 2020 , 227, 01011	0.3	
302	Study of the neutron induced reaction $^{17}\text{O}(n, \text{p})^{16}\text{O}$ at astrophysical energies via the Trojan Horse Method. <i>EPJ Web of Conferences</i> , 2020 , 227, 02007	0.3	2
301	Overview on the Trojan Horse Method in nuclear astrophysics. <i>Journal of Physics: Conference Series</i> , 2020 , 1643, 012051	0.3	
300	Experiments on astrophysical reactions with low-energy unstable nuclei beams at CRIB. <i>Journal of Physics: Conference Series</i> , 2020 , 1643, 012069	0.3	
299	Astrophysical S-factor for the $^3\text{He}(n, \text{p})^3\text{H}$ reaction via the asymptotic normalization coefficient (ANC) method. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 807, 135606	4.2	8

298	Indirect Measurements of n- and p-Induced Reactions of Astrophysical Interest on Oxygen Isotopes. <i>Frontiers in Astronomy and Space Sciences</i> , 2020 , 7,	3.8	2
297	Indirect measurement of the $(^3\text{He})(n,p)^3\text{H}$ reaction cross section at Big Bang energies. <i>European Physical Journal A</i> , 2020 , 56, 1	2.5	9
296	Indirect methods constraining nuclear capture - the Trojan Horse Method. <i>Journal of Physics: Conference Series</i> , 2020 , 1668, 012045	0.3	1
295	Astrophysics studies with the Trojan Horse Method. <i>European Physical Journal A</i> , 2019 , 55, 1	2.5	23
294	Observation of N15+Resonant structures in F19 using the thick target in inverse kinematics scattering method. <i>Physical Review C</i> , 2019 , 99,	2.7	10
293	The determination of the astrophysical S-factor of the direct $^{18}\text{O}(p,\gamma)^{19}\text{F}$ capture by the ANC method. <i>European Physical Journal A</i> , 2019 , 55, 1	2.5	7
292	Nuclear astrophysics and resonant reactions: Exploring the threshold region with the Trojan Horse Method. <i>International Journal of Modern Physics Conference Series</i> , 2019 , 49, 1960010	0.7	
291	Nuclear physics and its role for describing the early universe. <i>International Journal of Modern Physics Conference Series</i> , 2019 , 49, 1960012	0.7	1
290	Cross-section Measurement of the Cosmologically Relevant $^7\text{Be}(n,p)^6\text{He}$ Reaction over a Broad Energy Range in a Single Experiment. <i>Astrophysical Journal</i> , 2019 , 879, 23	4.7	28
289	THM applied to the investigation of explosive astrophysical scenarios. <i>Journal of Physics: Conference Series</i> , 2019 , 1308, 012012	0.3	
288	Neutron-induced reactions investigated via the Trojan Horse Method. <i>Journal of Physics: Conference Series</i> , 2019 , 1308, 012022	0.3	
287	The Resonant Behaviour of the $(^{12}\text{C}+^{12}\text{C})$ Fusion Cross Section at Astrophysical Energies. <i>Springer Proceedings in Physics</i> , 2019 , 17-22	0.2	
286	Nuclear AstroPhysics at ELI-NP: Preliminary Experiments with ELISSA Detector. <i>Springer Proceedings in Physics</i> , 2019 , 219-223	0.2	
285	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. <i>Springer Proceedings in Physics</i> , 2019 , 285-288	0.2	
284	The Cosmologically Relevant $(^7\text{Be}(n,\alpha)^4\text{He})$ Reaction in View of the Recent THM Investigations. <i>Springer Proceedings in Physics</i> , 2019 , 53-56	0.2	
283	The $(^{19}\text{F}(\alpha,p)^{22}\text{Ne})$ and $(^{23}\text{Na}(\alpha,p)^{20}\text{Ne})$ Reactions at Energies of Astrophysical Interest via the Trojan Horse Method. <i>Springer Proceedings in Physics</i> , 2019 , 339-342	0.2	
282	Stellar Surface Abundance of Light Elements and Updated (p,α) Reaction Rates. <i>Springer Proceedings in Physics</i> , 2019 , 449-452	0.2	
281	Cross Section Measurements of the $^7\text{Be}(n,p)^6\text{Li}$ and the $^7\text{Be}(n,\alpha)^4\text{He}$ Reactions Covering the Big-Bang Nucleosynthesis Energy Range by the Trojan Horse Method at CRIB. <i>Springer Proceedings in Physics</i> , 2019 , 33-37	0.2	1

280	Application of the THM to the investigation of reactions induced by unstable nuclei: the $^{18}\text{F}(p, n)^{15}\text{O}$ case. <i>EPJ Web of Conferences</i> , 2019 , 223, 01030	0.3	
279	Nuclear Physics in Stellar Lifestyles with the Trojan Horse Method. <i>EPJ Web of Conferences</i> , 2019 , 223, 01065	0.3	
278	The $^{10}\text{B}(n, (\alpha))^{7}\text{Li}$ cross sections at ultra-low energy through the Trojan Horse Method applied to the $^{2}\text{H}(^{10}\text{B}, (\alpha)^{7}\text{Li})^{1}\text{H}$. <i>European Physical Journal A</i> , 2019 , 55, 1	2.5	8
277	Neutron enhancement from laser interaction with a critical fluid. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2018 , 382, 94-98	2.3	6
276	Measurements of the neutron-induced reactions on ^7Be with CRIB by the Trojan Horse method 2018 ,		4
275	ANC experiments for nuclear astrophysics in NPI CAS. <i>EPJ Web of Conferences</i> , 2018 , 184, 01014	0.3	
274	The Trojan Horse Method in Nuclear Astrophysics. <i>EPJ Web of Conferences</i> , 2018 , 184, 01016	0.3	1
273	A Geant4-based Monte Carlo Tool for Nuclear Astrophysics. <i>EPJ Web of Conferences</i> , 2018 , 184, 02008	0.3	
272	Triple (α) Resonances and Possible Link to the Efimov Trimers. <i>Few-Body Systems</i> , 2018 , 59, 1	1.6	0
271	Trojan horse measurement of the $^{10}\text{B}(p, n)^{7}\text{Be}$ cross section in the energy range from 3 keV to 2.2 MeV. <i>Physical Review C</i> , 2018 , 97,	2.7	9
270	The $^{19}\text{F}(p, n)^{22}\text{Ne}$ 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	4.7	18
269	Trojan Horse Method experiments with radioactive ion beams. <i>EPJ Web of Conferences</i> , 2018 , 184, 01008	0.3	
268	Improved information on astrophysical S-factor for the $^{10}\text{B}(p, n)^{7}\text{Be}$ reaction using the Trojan Horse method. <i>EPJ Web of Conferences</i> , 2018 , 184, 02002	0.3	
267	The Decay of the Hoyle state in ^{12}C : a new high-precision investigation. <i>EPJ Web of Conferences</i> , 2018 , 184, 01005	0.3	2
266	Development of the ELISSA array: prototype testing at Laboratori Nazionali del Sud. <i>EPJ Web of Conferences</i> , 2018 , 184, 02006	0.3	
265	^{26}Mg target for nuclear astrophysics measurements. <i>EPJ Web of Conferences</i> , 2018 , 184, 02014	0.3	
264	Trojan Horse cross section measurements and their impact on primordial nucleosynthesis. <i>Journal of Physics: Conference Series</i> , 2018 , 940, 012017	0.3	
263	Study of the $^{10}\text{B}(p, (\alpha)^{1})^{7}\text{Be}$ reaction by means of the Trojan Horse Method. <i>European Physical Journal A</i> , 2018 , 54, 1	2.5	11

262	A new measurement of the direct alpha-decay width of the Hoyle state in ^{12}C 2018 ,		1
261	The $^{19}\text{F}(p, \alpha)^{22}\text{Ne}$ and $^{23}\text{Na}(p, \alpha)^{20}\text{Ne}$ reaction in AGB nucleosynthesis via THM. <i>EPJ Web of Conferences</i> , 2018 , 184, 02003	0.3	2
260	New direct investigation of the $^{19}\text{F}(p, \alpha)^{16}\text{O}$ down to 0.2 MeV. <i>Journal of Physics: Conference Series</i> , 2018 , 940, 012011	0.3	
259	Determination of the photodisintegration reaction rates involving charged particles: Systematic calculations and proposed measurements based on the facility for Extreme Light Infrastructure Nuclear Physics. <i>Physical Review C</i> , 2018 , 98,	2.7	6
258	The Treiman-Yang Criterion: validating the Trojan Horse Method by experimentally probing the reaction mechanism. <i>EPJ Web of Conferences</i> , 2018 , 184, 02012	0.3	0
257	Probing the Early Universe through nuclear physics. <i>Journal of Physics: Conference Series</i> , 2018 , 1078, 012017	0.3	
256	An increase in the C + C fusion rate from resonances at astrophysical energies. <i>Nature</i> , 2018 , 557, 687-690	0.4	74
255	Assessing the near threshold cross section of the $^{17}\text{O}(n, \alpha)^{14}\text{C}$ reaction by means of the Trojan horse method. <i>Physical Review C</i> , 2017 , 95,	2.7	23
254	Measurement of the $^{10}\text{B}(p, \alpha)^{7}\text{Be}$ 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,	2.7	22
253	First Measurement of the $^{19}\text{F}(p, \alpha)^{22}\text{Ne}$ Reaction at Energies of Astrophysical Relevance. <i>Astrophysical Journal</i> , 2017 , 836, 57	4.7	29
252	Gamma ray beams for Nuclear Astrophysics: first results of tests and simulations of the ELISSA array. <i>Journal of Instrumentation</i> , 2017 , 12, C03079-C03079	1	10
251	Scattering of α particles and ^3He on ^{16}O nuclei and its excitation mechanism at energies near 50MeV. <i>International Journal of Modern Physics E</i> , 2017 , 26, 1750018	0.7	3
250	Beam-energy dependence and updated test of the Trojan-horse nucleus invariance via a measurement of the $^2\text{H}(d, p)^3\text{H}$ reaction at low energies. <i>Physical Review C</i> , 2017 , 95,	2.7	4
249	Range of plasma ions in cold cluster gases near the critical point. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2017 , 381, 1682-1686	2.3	6
248	High-Precision Probe of the Fully Sequential Decay Width of the Hoyle State in ^{12}C . <i>Physical Review Letters</i> , 2017 , 119, 132501	7.4	43
247	The astrophysical S-factor of the direct $^{18}\text{O}(p, \alpha)^{19}\text{F}$ capture by the ANC method. <i>EPJ Web of Conferences</i> , 2017 , 165, 01007	0.3	1
246	Clusterization of light nuclei and the Trojan Horse Method. <i>Journal of Physics: Conference Series</i> , 2017 , 863, 012072	0.3	
245	The Trojan Horse Method for nuclear astrophysics and its recent applications. <i>EPJ Web of Conferences</i> , 2017 , 165, 01032	0.3	3

244	New direct measurement of the $^{10}\text{B}(p, \alpha)^7\text{Be}$ reaction with the activation technique. <i>EPJ Web of Conferences</i> , 2017 , 165, 01021	0.3	
243	A new high-precision upper limit of direct α decays from the Hoyle state in ^{12}C . <i>EPJ Web of Conferences</i> , 2017 , 165, 01020	0.3	3
242	A fast and complete GEANT4 and ROOT Object-Oriented Toolkit: GROOT. <i>EPJ Web of Conferences</i> , 2017 , 165, 01034	0.3	11
241	Nuclear reactions in AGB nucleosynthesis: the $^{19}\text{F}(\alpha, p)^{22}\text{Ne}$ at energies of astrophysical relevance. <i>EPJ Web of Conferences</i> , 2017 , 165, 01019	0.3	
240	Nuclear Astrophysics at ELI-NP: the ELISSA prototype tested at Laboratori Nazionali del Sud. <i>EPJ Web of Conferences</i> , 2017 , 165, 01026	0.3	4
239	The Trojan Horse Method application on the $^{10}\text{B}(p, \alpha)^7\text{Be}$ reaction cross section measurements. <i>EPJ Web of Conferences</i> , 2017 , 165, 01018	0.3	
238	The $^{10}\text{B}(p, \alpha)^7\text{Be}$ S(E)-factor from 5 keV to 1.5 MeV using the Trojan Horse Method. <i>EPJ Web of Conferences</i> , 2017 , 165, 01042	0.3	
237	Oxygen-15+resonant elastic scattering to study cluster states in ^{19}Ne . <i>Journal of Physics: Conference Series</i> , 2017 , 876, 012021	0.3	
236	On the investigation of resonances above and below the threshold in nuclear reactions of astrophysical interest using the Trojan Horse Method.. <i>Journal of Physics: Conference Series</i> , 2017 , 876, 012013	0.3	
235	A Trojan Horse Approach to the Production of ^{18}F in Novae. <i>Astrophysical Journal</i> , 2017 , 846, 65	4.7	25
234	Investigation of the Hoyle state in ^{12}C with a new hodoscope detector. <i>Journal of Physics: Conference Series</i> , 2017 , 876, 012006	0.3	6
233	New Improved Indirect Measurement of the $^{19}\text{F}(p, \alpha)^{16}\text{O}$ Reaction at Energies of Astrophysical Relevance. <i>Astrophysical Journal</i> , 2017 , 845, 19	4.7	42
232	On the Determination of the $^7\text{Be}(n, \alpha)^4\text{He}$ Reaction Cross Section at BBN Energies. <i>Astrophysical Journal</i> , 2017 , 850, 175	4.7	26
231	Evidence for ^{15}O +resonance structures in ^{19}Ne via direct measurement. <i>Physical Review C</i> , 2017 , 96,	2.7	12
230	Characterization of X3 Silicon Detectors for the ELISSA Array at ELI-NP. <i>EPJ Web of Conferences</i> , 2017 , 165, 01011	0.3	2
229	Fusion reactions induced by radioactive beams: the $^{18}\text{F}(p, \alpha)^{15}\text{O}$ case. <i>EPJ Web of Conferences</i> , 2017 , 163, 00046	0.3	
228	Nuclear clustering and the electron screening puzzle. <i>EPJ Web of Conferences</i> , 2017 , 165, 02002	0.3	1
227	Preliminary Studies for Three Experiments at Treiman-Yang Criterion. <i>EPJ Web of Conferences</i> , 2016 , 117, 09015	0.3	

226	Resonance Strength Measurement at Astrophysical Energies: The $^{17}\text{O}(p, n)^{14}\text{N}$ Reaction Studied via THM. <i>EPJ Web of Conferences</i> , 2016 , 117, 09016	0.3	
225	The Trojan Horse Method as a tool for investigating astrophysically relevant fusion reactions. <i>EPJ Web of Conferences</i> , 2016 , 117, 09008	0.3	
224	The $^{12}\text{C}(^{12}\text{C}, p)^{20}\text{Ne}$ and $^{12}\text{C}(^{12}\text{C}, p)^{23}\text{Na}$ reactions at the Gamow peak via the Trojan Horse Method. <i>EPJ Web of Conferences</i> , 2016 , 117, 09004	0.3	1
223	Primordial nucleosynthesis revisited via Trojan Horse Results. <i>EPJ Web of Conferences</i> , 2016 , 117, 09010	0.3	1
222	Experimental study to explore the Be^8 -induced nuclear reaction via the Trojan horse method. <i>Physical Review C</i> , 2016 , 93,	2.7	4
221	Trojan Horse measurement of the $^{18}\text{F}(p, \alpha)^{15}\text{O}$ astrophysical $S(E)$ -factor. <i>European Physical Journal A</i> , 2016 , 52, 1	2.5	36
220	Reaction rate of the $^{13}\text{C}(n, p)^{16}\text{O}$ neutron source using the ANC of the -3 keV resonance measured with the THM. <i>Journal of Physics: Conference Series</i> , 2016 , 665, 012013	0.3	
219	The electron screening puzzle and nuclear clustering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 755, 275-278	4.2	19
218	Using the Trojan Horse Method to Investigate Resonances Above and Below the Threshold in Nuclear Reactions of Astrophysical Interest. <i>Acta Physica Polonica B</i> , 2016 , 47, 681	1.9	3
217	Studying astrophysical reactions with low-energy RI beams at CRIB. <i>EPJ Web of Conferences</i> , 2016 , 117, 09005	0.3	
216	New measurement of the $^{10}\text{B}(p, n)^{7}\text{Be}$ reaction cross section at low energies and the structure of ^{11}C . <i>EPJ Web of Conferences</i> , 2016 , 117, 09009	0.3	1
215	New investigations of the $^{10}\text{B}(p, \alpha)^{7}\text{Be}$ reaction at bombarding energies between 0.6 and 1 MeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016 , 43, 045109	2.9	22
214	Nuclear Astrophysics with the Trojan Horse Method. <i>Journal of Physics: Conference Series</i> , 2016 , 665, 012009	0.3	2
213	First evidences for $^{19}\text{F}(p, n)^{22}\text{Ne}$ at astrophysical energies. <i>Journal of Physics: Conference Series</i> , 2016 , 703, 012016	0.3	
212	Nuclear astrophysics and the Trojan Horse Method. <i>European Physical Journal A</i> , 2016 , 52, 1	2.5	55
211	A new study of $^{10}\text{B}(p, \alpha)^{7}\text{Be}$ reaction at low energies. <i>European Physical Journal A</i> , 2016 , 52, 1	2.5	10
210	Low-energy R-matrix fits for the $\text{Li}^6(d, n)^4\text{He}$ factor. <i>Physical Review C</i> , 2015 , 91,	2.7	4
209	Triple resonances in the $^6\text{Li} + ^6\text{Li} \rightarrow ^3\text{He}$ reaction at low energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 750, 59-63	4.2	11

208	UPDATED THM ASTROPHYSICAL FACTOR OF THE $^{19}\text{F}(\text{p},\alpha)^{16}\text{O}$ REACTION AND INFLUENCE OF NEW DIRECT DATA AT ASTROPHYSICAL ENERGIES. <i>Astrophysical Journal</i> , 2015 , 805, 128	4.7	33
207	Toward a reassessment of the $^{19}\text{F}(\text{p},\text{n})^{16}\text{O}$ reaction rate at astrophysical temperatures. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 748, 178-182	4.2	32
206	Improvement of the high-accuracy $^{17}\text{O}(\text{p},\text{n})^{14}\text{N}$ reaction-rate measurement via the Trojan Horse method for application to ^{17}O nucleosynthesis. <i>Physical Review C</i> , 2015 , 91,	2.7	28
205	First application of the Trojan horse method with a radioactive ion beam: Study of the $^{18}\text{F}(\text{p},\text{n})^{15}\text{O}$ reaction at astrophysical energies. <i>Physical Review C</i> , 2015 , 92,	2.7	54
204	Measurement of the $^2\text{H}(\text{d},\text{p})^3\text{H}$ reaction at astrophysical energies via the Trojan-horse method. <i>Physical Review C</i> , 2015 , 92,	2.7	17
203	Resonance strength measurement at astrophysical energies: The $^{17}\text{O}(\text{p},\text{n})^{14}\text{N}$ reaction studied via Trojan Horse Method 2015 ,		1
202	Trojan Horse Method: recent results in nuclear astrophysics. <i>Journal of Physics: Conference Series</i> , 2015 , 630, 012020	0.3	
201	Nuclear Astrophysics with the Trojan Horse Method. <i>Journal of Physics: Conference Series</i> , 2015 , 590, 012013	0.3	
200	Measurement of sub threshold resonance contributions to fusion reactions: the case of the $^{13}\text{C}(\text{n})^{16}\text{O}$ astrophysical neutron source. <i>EPJ Web of Conferences</i> , 2015 , 86, 00023	0.3	
199	The effect of the recent $^{17}\text{O}(\text{p},\text{n})^{14}\text{N}$ and $^{18}\text{O}(\text{p},\text{n})^{15}\text{N}$ fusion cross section measurements in the nucleosynthesis of AGB stars. <i>EPJ Web of Conferences</i> , 2015 , 86, 00030	0.3	
198	Trojan Horse particle invariance in fusion reactions. <i>EPJ Web of Conferences</i> , 2015 , 86, 00034	0.3	
197	Perspectives for photonuclear research at the Extreme Light Infrastructure - Nuclear Physics (ELI-NP) facility. <i>European Physical Journal A</i> , 2015 , 51, 1	2.5	49
196	ASTROPHYSICAL IMPACT OF THE UPDATED $^9\text{Be}(\text{p},\text{n})^6\text{Li}$ AND $^{10}\text{B}(\text{p},\text{n})^7\text{Be}$ REACTION RATES AS DEDUCED BY THM. <i>Astrophysical Journal</i> , 2015 , 811, 99	4.7	30
195	Quasifree mechanism in the $\text{Li}^6+\text{Li}^6\rightarrow^3\text{He}$ reaction at low energy. <i>Physical Review C</i> , 2015 , 91,	2.7	10
194	Trojan Horse Particle Invariance: An Extensive Study. <i>Few-Body Systems</i> , 2014 , 55, 1001-1004	1.6	1
193	NEW DETERMINATION OF THE $^2\text{H}(\text{d},\text{p})^3\text{H}$ AND $^2\text{H}(\text{d},\text{n})^3\text{He}$ REACTION RATES AT ASTROPHYSICAL ENERGIES. <i>Astrophysical Journal</i> , 2014 , 785, 96	4.7	55
192	Unscreened cross-sections for nuclear astrophysics via the Trojan Horse Method. <i>Journal of Physics: Conference Series</i> , 2014 , 569, 012018	0.3	
191	Trojan Horse particle invariance for $^2\text{H}(\text{d},\text{p})^3\text{H}$ reaction: a detailed study. <i>EPJ Web of Conferences</i> , 2014 , 66, 07021	0.3	

190	Application of the Trojan Horse Method to study neutron induced reactions: the $^{17}\text{O}(n, p)^{16}\text{O}$ reaction. <i>EPJ Web of Conferences</i> , 2014 , 66, 07008	0.3	
189	Lithium and boron burning S(E)-factor measurements at astrophysical energies via the Trojan Horse Method. <i>EPJ Web of Conferences</i> , 2014 , 66, 07012	0.3	
188	Measurement of the $^{13}\text{C}(p, n)^{13}\text{N}$ reaction at astrophysical energies using the Trojan Horse Method. Focus on the -3 keV sub-threshold resonance. <i>EPJ Web of Conferences</i> , 2014 , 66, 07010	0.3	
187	Energy density fluctuations in early universe 2014 ,		3
186	The chemical abundances of the Ap star HD94660 2014 ,		1
185	Indirect techniques in nuclear astrophysics: a review. <i>Reports on Progress in Physics</i> , 2014 , 77, 106901	14.4	139
184	Measurement of the 10 keV resonance in the $^{10}\text{B}(p, n)^{10}\text{C}$ reaction via the Trojan Horse method. <i>Physical Review C</i> , 2014 , 90,	2.7	40
183	BIG BANG NUCLEOSYNTHESIS REVISITED VIA TROJAN HORSE METHOD MEASUREMENTS. <i>Astrophysical Journal</i> , 2014 , 786, 112	4.7	65
182	Nuclear Astrophysics from View Point of Few-Body Problems. <i>Few-Body Systems</i> , 2013 , 54, 869-875	1.6	9
181	Recent Results for the Effects of Distortion in the Inter-Cluster Motion in Light Nuclei and Application to Nuclear Astrophysics. <i>Few-Body Systems</i> , 2013 , 54, 1577-1581	1.6	
180	New Advances in the Trojan Horse Method as an Indirect Approach to Nuclear Astrophysics. <i>Few-Body Systems</i> , 2013 , 54, 745-753	1.6	22
179	Experimental study of the $^{18}\text{O}(d, p)^{19}\text{O}$ reaction and the ANC Method. <i>Journal of Physics: Conference Series</i> , 2013 , 420, 012142	0.3	2
178	ON THE MEASUREMENT OF THE $^{13}\text{C}(p, n)^{13}\text{N}$ S-FACTOR AT NEGATIVE ENERGIES AND ITS INFLUENCE ON THE S-PROCESS. <i>Astrophysical Journal</i> , 2013 , 777, 143	4.7	46
177	Light element burning reactions at stellar temperatures in view of the recent THM measurements. <i>EAS Publications Series</i> , 2013 , 63, 315-320	0.2	
176	Updated evidence of the Trojan horse particle invariance for the $^2\text{H}(d, p)^3\text{H}$ reaction. <i>Physical Review C</i> , 2013 , 87,	2.7	35
175	Suppression of the centrifugal barrier effects in the off-energy-shell neutron + ^{17}O interaction. <i>Physical Review C</i> , 2013 , 87,	2.7	42
174	AN UPDATED $^6\text{Li}(p, n)^6\text{He}$ REACTION RATE AT ASTROPHYSICAL ENERGIES WITH THE TROJAN HORSE METHOD. <i>Astrophysical Journal</i> , 2013 , 768, 65	4.7	54
173	Trojan Horse technique to measure nuclear astrophysics rearrangement reactions. <i>Journal of Physics: Conference Series</i> , 2013 , 420, 012137	0.3	2

172	Low-energy d+d fusion via the Trojan Horse Method. <i>Journal of Physics: Conference Series</i> , 2013 , 436, 012073	0.3	
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25	Direct mechanism of $\text{Li}^6+\text{Li}^6\rightarrow{}^3\text{He}$ reaction at low energy. <i>Physical Review C</i> , 1984 , 30, 531-533	2.7	7
24	Monte Carlo evaluation of experimental effects in nuclear quasi-free reactions. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1984 , 226, 569-571	1.2	
23	Spectroscopic factors from the ${}^{12}\text{C}({}^3\text{He}, d){}^{13}\text{N}$ reaction at 13 MeV 1984 , 79, 45-56		1
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21	Quasi-free scattering and α clustering probability in ${}^6\text{Li}$. <i>Lettere Al Nuovo Cimento Rivista Internazionale Della Societ� Italiana Di Fisica</i> , 1983 , 37, 279-283		4
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12	Momentum distribution of alpha clusters in light nuclei from (p, α) reactions at high energy 1981 , 63, 530-538		6
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