

# Luis Acosta

## List of Publications by Year in descending order

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252  
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citations

196777

29  
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232693

48  
g-index

254  
all docs

254  
docs citations

254  
times ranked

1290  
citing authors

#	ARTICLE	IF	CITATIONS
1	annel experimental and theoretical constraints for the $\langle \text{mml:math xmlns:mml=} \text{http://www.w3.org/1998/Math/MathML} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Cd} \langle / \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle / \rangle \langle \text{mml:none} \rangle$		

#	ARTICLE	IF	CITATIONS
19	Analysis of direct reaction channels at deep sub-barrier energies for weakly bound nuclei on heavy targets: The case $B + ^{208}\text{Pb}$ . Physical Review C, 2020, 102, .	1.1	23
20	Measurement of the thermal neutron capture cross section by $^9\text{Be}$ using the neutron flux from a nuclear research reactor and the AMS technique. Physical Review C, 2020, 102, .	1.1	6
21	Analysis of two-nucleon transfer reactions in the $^{20}\text{Ne} + ^{116}\text{Cd}$ system at 306 MeV. Physical Review C, 2020, 102, .	1.1	42
22	Gamma ray detection with CHIMERA at LNS: results and perspectives. Journal of Physics: Conference Series, 2020, 1561, 012007.	0.3	0
23	AMS cross-section measurement for the $^{28}\text{Si}(d, \alpha)^{26}\text{Al}$ reaction near the Coulomb barrier. European Physical Journal Plus, 2020, 135, 1.	1.2	4
24	Analysis of the background on cross section measurements with the MAGNEX spectrometer: The $(^{20}\text{Ne}, ^{200})$ Double Charge Exchange case. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 980, 164500.	0.7	24
25	Recent results on heavy-ion direct reactions of interest for $0^+_{1/2} \rightarrow 2^+_{1/2}$ decay at INFN - LNS. Journal of Physics: Conference Series, 2020, 1610, 012004.	0.3	0
26	The NUMEN Heavy Ion Multidetector for a Complementary Approach to the Neutrinoless Double Beta Decay. Universe, 2020, 6, 129.	0.9	26
27	On the $^{12}\text{C}$ Hoyle state gamma decay. Journal of Physics: Conference Series, 2020, 1668, 012004.	0.3	3
28	First comparison of GEANT4 hadrontherapy physics model with experimental data for a NUMEN project reaction case. European Physical Journal A, 2020, 56, 1.	1.0	10
29	$^9\text{Be} + p$ breakup at 5.67A MeV in a full kinematics approach. Physical Review C, 2020, 101, .	1.1	7
30	Dynamical versus statistical production of Intermediate Mass Fragments at Fermi Energies. European Physical Journal A, 2020, 56, 1.	1.0	12
31	Nuclear neck-density determination at Fermi energy with CHIMERA detector. European Physical Journal A, 2020, 56, 1.	1.0	8
32	Perspectives for low energy reactions measurements at the new LEMA beam-line. Journal of Physics: Conference Series, 2020, 1643, 012029.	0.3	1
33	A clear signature of the breakup modes for $^9\text{Be}$ on a proton target at 5.6 MeV/nucleon. Journal of Physics: Conference Series, 2020, 1643, 012102.	0.3	0
34	The $^3\hat{\rho}$ decay of the Hoyle and higher excitation energy states of $^{12}\text{C}$ . Journal of Physics: Conference Series, 2020, 1643, 012145.	0.3	0
35	Direct processes for the systems $^7\text{Be}, ^8\text{B} + ^{208}\text{Pb}$ at Coulomb barrier energies. Journal of Physics: Conference Series, 2020, 1643, 012096.	0.3	0
36	Isospin equilibration phenomenon and mid-rapidity IMF emission in the $^{48}\text{Ca} + ^{27}\text{Al}$ 40 MeV/nucleon collision. Journal of Physics: Conference Series, 2020, 1643, 012103.	0.3	0

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37	Recent results on heavy-ion induced reactions of interest for neutrinoless double beta decay at INFN-LNS. Journal of Physics: Conference Series, 2020, 1643, 012074.	0.3	1
38	Background estimate in heavy-ion two-body reactions measured by the MAGNEX spectrometer. Journal of Physics: Conference Series, 2020, 1643, 012019.	0.3	0
39	$B$ and $^8\text{Be}$ $\alpha$ decay. Journal of Physics: Conference Series, 2020, 1643, 012025.	1.1	38
40	Recent results on Heavy-Ion induced reactions of interest for $0^+_{1/2} \rightarrow 2^+_{1/2}$ decay. Journal of Physics: Conference Series, 2019, 1308, 012002.	0.3	0
41	Meteoritic $^{10}\text{Be}$ concentrations in the center of Mexico. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 1455-1460.	0.7	6
42	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2019, , .	0.3	1
43	Towards the Limits of Existence of Nuclear Structure: Observation and First Spectroscopy of the Isotope $K31$ by Measuring Its Three-Proton Decay. Physical Review Letters, 2019, 123, 092502.	2.9	12
44	New experimental campaign of NUMEN project. AIP Conference Proceedings, 2019, , .	0.3	0
45	Experimental investigation of $^{\pm}$ condensation in light nuclei. Physical Review C, 2019, 100, .	1.1	29
46	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2019, , .	0.3	0
47	$^{20}\text{Ne} + ^{76}\text{Ge}$ elastic and inelastic scattering at 306 MeV. Physical Review C, 2019, 100, .	1.1	36
48	Charge-state distributions of $^{20}\text{Ne}$ ions emerging from thin foils. Results in Physics, 2019, 13, 102191.	2.0	22
49	The FARCOS detection system: the first application in a real experiment. , 2019, , .		6
50	Recent results on heavy-ion induced reactions of interest for neutrinoless double beta decay at INFN-LNS. EPJ Web of Conferences, 2019, 223, 01009.	0.1	0
51	Study of continuum excitation by light weakly bound projectiles on proton target. EPJ Web of Conferences, 2019, 223, 01058.	0.1	0
52	Characterization of the new hybrid low-energy accelerator facility in Mexico. European Physical Journal Plus, 2019, 134, 1.	1.2	7
53	Coherent coupled-reaction-channels analysis of existing and new $p + ^9\text{Be}$ data between 1.7 and 15 MeV/nucleon. Physical Review C, 2019, 99, .		7
54	A Microscopic Approach for $^{9}\text{Be}$ at Energies Between 1.7 to 15 MeV/nucleon. Acta Physica Polonica B, 2019, 50, 1547.	0.3	4

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55	Spectroscopy of excited states of unbound nuclei $^{30}\text{Ar}$ and $^{30}\text{Cl}$ <a href="https://doi.org/10.1103/PhysRevC.2018.07">https://doi.org/10.1103/PhysRevC.2018.07</a>	1.1	8
56	The nuclear matrix elements of $^{12}\text{C}$ decay and the NUMEN project at INFN-LNS. EPJ Web of Conferences, 2018, 194, 02001.	0.1	1
57	Post-stripper study for the $^{20}\text{Ne}$ , $^{20}\text{O}$ double charge exchange reaction at zero degrees with the MAGNEX spectrometer. Journal of Physics: Conference Series, 2018, 1056, 012052.	0.3	0
58	Statistical against dynamical PLF fission as seen by the IMF-IMF correlation functions and comparisons with CoMD model. Journal of Physics: Conference Series, 2018, 1014, 012011.	0.3	5
59	Experimental challenges for the measurement of the $^{116}\text{Cd}$ ( $^{20}\text{Ne}$ , $^{20}\text{O}$ ) $^{116}\text{Sn}$ double charge exchange reaction at 15 AMeV. Journal of Physics: Conference Series, 2018, 1023, 012006.	0.3	0
60	Data reduction for experimental measurements within the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012010.	0.3	0
61	Reaction Dynamics for the Systems $^7\text{Be}$ , $^8\text{B} + ^{208}\text{Pb}$ at Coulomb Barrier Energies. Journal of Physics: Conference Series, 2018, 1078, 012013.	0.3	0
62	Integration of the GET electronics for the CHIMERA and FARCOS devices. Journal of Physics: Conference Series, 2018, 1014, 012003.	0.3	2
63	The $\hat{I}_{\pm}$ -decay of the Hoyle state in $^{12}\text{C}$ : a new high-precision investigation. EPJ Web of Conferences, 2018, 184, 01005.	0.1	2
64	Isospin effects on reaction dynamics at Fermi energies. EPJ Web of Conferences, 2018, 194, 07003.	0.1	1
65	First results of the Hoyle-Gamma experiment: study of the excited levels in carbon-12 gamma decay. Journal of Physics: Conference Series, 2018, 1078, 012010.	0.3	3
66	Characterization of the LEMA isotope separator to measure concentrations of $^{10}\text{Be}$ from atmospheric filters. Journal of Physics: Conference Series, 2018, 1078, 012009.	0.3	4
67	Architecture of the FARCOS detection system and first beam experiments. , 2018, , .		2
68	Deep excursion beyond the proton dripline. I. Argon and chlorine isotope chains. Physical Review C, 2018, 98, .	1.1	17
69	Deep excursion beyond the proton dripline. II. Toward the limits of existence of nuclear structure. Physical Review C, 2018, 98, .	1.1	5
70	A new measurement of the direct alpha-decay width of the Hoyle state in $^{12}\text{C}$ . AIP Conference Proceedings, 2018, , .	0.3	1
71	Measuring nuclear reaction cross sections to extract information on neutrinoless double beta decay. Journal of Physics: Conference Series, 2018, 966, 012021.	0.3	1
72	Interaction of $^8\text{He}$ with $^{208}\text{Pb}$ at near-barrier energies: $^4\text{He}$ and $^6\text{He}$ production. Physical Review C, 2018, 98, .	1.1	10

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73	Structure of $^{10}\text{Be}$ and $^{16}\text{C}$ nuclei via break-up reactions studied with the $^4\text{He}$ -Chimera array. Journal of Physics: Conference Series, 2018, 940, 012037.	0.3	0
74	Advances in the measurement of the $^{13}\text{C}(d, p)^{14}\text{C}$ cross section using AMS. Journal of Physics: Conference Series, 2018, 1078, 012015.	0.3	2
75	Experimental challenges in the measurement of double charge exchange reactions within the NUMEN project. Journal of Physics: Conference Series, 2018, 1078, 012008.	0.3	1
76	Experimental issues for the measurement of the double charge exchange reactions within the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012011.	0.3	0
77	Heavy-ion particle identification for the transfer reaction channels for the system $^{18}\text{O} + ^{116}\text{Sn}$ under the NUMEN Project. Journal of Physics: Conference Series, 2018, 1056, 012015.	0.3	0
78	First measurement of the isoscalar excitation above the neutron emission threshold of the Pygmy Dipole Resonance in $^{68}\text{Ni}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 112-116.	1.5	38
79	$^7\text{Be}$ and $^8\text{B}$ reaction dynamics at Coulomb barrier energies. EPJ Web of Conferences, 2018, 184, 02015.	0.1	0
80	Study of resonances produced in Heavy Ion Collisions. Journal of Physics: Conference Series, 2018, 1014, 012014.	0.3	0
81	Measurement of $^{19}\text{Ne}$ spectroscopic properties via a new method of inelastic scattering to study novae. Journal of Physics: Conference Series, 2018, 940, 012003.	0.3	0
82	The NUMEN project: Nuclear Matrix Elements for Neutrinoless double beta decay. European Physical Journal A, 2018, 54, 1.	1.0	146
83	First Measurement of the $^{116}\text{Cd}(^{20}\text{Ne}, ^{20}\text{O})^{116}\text{Sn}$ Reaction at 15, \$A\$, MeV. Acta Physica Polonica B, 2018, 49, 275.	0.3	37
84	Experimental Study of the Pygmy Dipole Resonance in the $^{68}\text{Ni}$ Nucleus. Acta Physica Polonica B, 2018, 49, 475.	0.3	0
85	First inverse-kinematics fission measurements in a gaseous active target. Nuclear Physics A, 2017, 958, 246-265.	0.6	5
86	Probing the Symmetry Term of the Nuclear Equation of State at High Baryonic Densities. Journal of Physics: Conference Series, 2017, 863, 012059.	0.3	0
87	High-Precision Probe on the Fully Sequential Decay Width of the Hoyle State in $^{12}\text{C}$ . Physical Review Letters, 2017, 119, 132501.	2.9	67
88	The $^7\text{Li}(d, p)^8\text{Li}$ reaction in inverse kinematics at 5.44 MeV/u. European Physical Journal A, 2017, 53, 1.	1.0	6
89	Global description of the $\text{Li}^7+p$ reaction at 5.44 MeV/u in a continuum-discretized coupled-channels approach. Physical Review C, 2017, 96, .	1.1	9
90	Elastic scattering of $^7\text{Be} + ^{28}\text{Si}$ at near-barrier energies. Physical Review C, 2017, 95, .	1.1	12

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91	Investigation of the Hoyle state in $^{12}\text{C}$ with a new hodoscope detector. Journal of Physics: Conference Series, 2017, 876, 012006.	0.3	6
92	Study of the $^{12}\text{C}$ excited states above the Hoyle State.. Journal of Physics: Conference Series, 2017, 876, 012015.	0.3	1
93	Characterization of an NTD Double-Sided Silicon Strip Detector Employing a Pulsed Proton Microbeam. IEEE Transactions on Nuclear Science, 2017, 64, 2551-2560.	1.2	2
94	Exclusive breakup of $\text{Li}^7$ incident on a proton target at 5.44A MeV. Physical Review C, 2017, 95, .	1.1	16
95	Breakup of $\text{Li}^6+p$ at near-barrier energies and the effect on elastic scattering. Physical Review C, 2017, 95, .	1.1	19
96	Scattering of the Halo Nucleus $^{11}\text{Be}$ on $^{11}\text{B}$ Systematic investigation of background sources in neutron flux measurements with a proton-recoil silicon detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 841, 56-64.	2.9	53
97	Systematic investigation of background sources in neutron flux measurements with a proton-recoil silicon detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 841, 56-64.	0.7	7
98	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2017, , .	0.3	1
99	Study of the $^{28}\text{Si}(d,\hat{1}\pm)^{26}\text{Al}$ Nuclear Reaction at Low Energies. Physics Procedia, 2017, 90, 421-428.	1.2	9
100	Present status of the FARCOS detection system. , 2017, , .		3
101	The symmetry energy at suprasaturation density and the ASY-EOS experiment at GSI. EPJ Web of Conferences, 2017, 137, 09002.	0.1	0
102	Reaction dynamics studies for the system $^7\text{Be} + ^{208}\text{Pb}$ at Coulomb barrier energies. EPJ Web of Conferences, 2017, 163, 00035.	0.1	3
103	Reaction production + AMS: An alternative method to study low energy reactions. $^{26}\text{Al}$ as a test case. EPJ Web of Conferences, 2017, 165, 01001.	0.1	5
104	Study of the cluster structure of $^{10}\text{Be}$ and $^{16}\text{C}$ neutron-rich isotopes by means of intermediate energies breakup reactions. Journal of Physics: Conference Series, 2017, 863, 012029.	0.3	0
105	First on-beam tests of the FARCOS frontend electronics. , 2017, , .		0
106	Scattering of halo nuclei on heavy targets at energies around the Coulomb barrier: The case of $^{11}\text{Be}$ on $^{197}\text{Au}$ . EPJ Web of Conferences, 2017, 163, 00045.	0.1	1
107	A new high-precision upper limit of direct $\hat{1}\pm$ -decays from the Hoyle state in $^{12}\text{C}$ . EPJ Web of Conferences, 2017, 165, 01020.	0.1	3
108	Study of resonances produced in light nuclei through two and multi particle correlations. Journal of Physics: Conference Series, 2017, 863, 012071.	0.3	0

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109	High multiplicity $\hat{1}\pm$ -particle breakup measurements to study $\hat{1}\pm$ -condensate states. Journal of Physics: Conference Series, 2017, 863, 012070.	0.3	1
110	A new method for the determination of very small $\hat{1}^{\prime}\hat{1}^3$ partial widths. EPJ Web of Conferences, 2017, 165, 01009.	0.1	5
111	Experimental Studies of the Structure of $\hat{16}\$C$ with Reactions at Intermediate Energy. Acta Physica Polonica B, 2017, 48, 499.	0.3	1
112	Structure of $\hat{24}\$Mg$ Excited States and Their Influence on Nucleosynthesis. Acta Physica Polonica B, 2017, 48, 319.	0.3	1
113	Sensitivity of N/Z ratio in projectile break-up of isobaric systems. EPJ Web of Conferences, 2016, 117, 07017.	0.1	0
114	Effects of the interstrip gap on the efficiency and response of Double Sided Silicon Strip Detectors. EPJ Web of Conferences, 2016, 117, 10009.	0.1	1
115	Study of two- and multi-particle correlations in $12C+24Mg$ and $12C+208Pb$ reactions at $E=35$ AMeV. EPJ Web of Conferences, 2016, 117, 07020.	0.1	2
116	Study of cluster structures in $10\sup>Be$ and $16\sup>C$ neutron-rich nuclei via break-up reactions. EPJ Web of Conferences, 2016, 117, 06011.	0.1	16
117	The ASY-EOS Experiment at GSI. EPJ Web of Conferences, 2016, 117, 07010.	0.1	0
118	Using CHIMERA detector at LNS for gamma-particle coincidences. EPJ Web of Conferences, 2016, 117, 06008.	0.1	0
119	Campaign of measurements to probe the good performance of the new array FARCOS for spectroscopy and correlations.. Journal of Physics: Conference Series, 2016, 730, 012001.	0.3	14
120	The $28Si(d,\hat{1}\pm)$ reaction. Journal of Physics: Conference Series, 2016, 730, 012003.	0.3	5
121	MONDE: MOmentum Neutron DEtector. Journal of Physics: Conference Series, 2016, 730, 012019.	0.3	0
122	Status and perspective of FARCOS: A new correlator array for nuclear reaction studies. EPJ Web of Conferences, 2016, 117, 10008.	0.1	25
123	Probing the cluster structure of $8He$ via elastic scattering on $208Pb$ . Physical Review C, 2016, 94, .	1.1	16
124	Probing the cluster structure of $7Li$ via elastic scattering on protons and deuterons in inverse kinematics. Physical Review C, 2016, 94, .	1.1	16
125	Results of the ASY-EOS experiment at GSI: The symmetry energy at suprasaturation density. Physical Review C, 2016, 94, .	1.1	176
126	New experimental investigation of the structure of $10Be$ and $10C$ by means of intermediate-energy sequential	1.1	41



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127	Production of $^7\text{Be}$ and $^8\text{Be}$ in the $^7\text{Li} + ^7\text{Li}$ reaction at Coulomb barrier energies. EPJ Web of Conferences, 2016, 117, 06006.	1.1	19
128	The nuclear matrix elements of $^{212}\text{Po}$ decay and the NUMEN project at INFN-LNS. Journal of Physics: Conference Series, 2016, 730, 012006.	0.3	1
129	Mechanical structure and housekeeping system for the FARCOS clusters. , 2016, , .		1
130	$^7\text{Be}$ - and $^8\text{Be}$ -reaction dynamics at Coulomb barrier energies. EPJ Web of Conferences, 2016, 117, 06006.	0.1	4
131	Study of the Near-barrier Scattering of $^8\text{He}$ on $^{208}\text{Pb}$ . Acta Physica Polonica B, 2016, 47, 841.	0.3	1
132	A Compact Detector for Studying Heavy Ion Reactions: GLORIA. Springer Proceedings in Physics, 2016, , 213-214.	0.1	0
133	ECOS-LINCE: A High-intensity Heavy-ion Facility for Nuclear Structure and Reactions. Acta Physica Polonica B, 2016, 47, 607.	0.3	0
134	Hospital Neutron Detection Using Diamond Detectors. Springer Proceedings in Physics, 2016, , 177-178.	0.1	0
135	Reexamination of $^7\text{Li} + ^7\text{Li}$ reaction dynamics at Coulomb barrier energies. EPJ Web of Conferences, 2016, 117, 06006.	1.1	20
136	Delayed three-proton decay of $^{26}\text{Al}$ . Physical Review C, 2015, 92, 014807.	1.1	22
137	Direct and compound nucleus reaction mechanisms in the $^7\text{Li} + ^7\text{Li}$ reaction at Coulomb barrier energies. EPJ Web of Conferences, 2016, 117, 06006.	2.9	37
138	Production of $^7\text{Be}$ and $^8\text{Be}$ in the $^7\text{Li} + ^7\text{Li}$ reaction at Coulomb barrier energies. EPJ Web of Conferences, 2016, 117, 06006.	1.1	30
139	Production of $^7\text{Be}$ and $^8\text{Be}$ in the $^7\text{Li} + ^7\text{Li}$ reaction at Coulomb barrier energies. EPJ Web of Conferences, 2016, 117, 06006.	1.1	29
140	The sneaky interstrip gap of double sided silicon strip detector. AIP Conference Proceedings, 2015, , .	0.3	0
141	Reaction dynamics induced by the radioactive ion beam $^7\text{Be}$ on medium-mass and heavy targets. AIP Conference Proceedings, 2015, , .	0.3	0
142	Elastic scattering for the system $^6\text{Li} + \text{p}$ at near barrier energies with MAGNEX. , 2015, , .		2
143	Tagged fast neutron beams $\text{En} \approx 6\text{--}10\text{ MeV}$ . AIP Conference Proceedings, 2015, , .	0.3	0
144	Study of interstrip gap effects and efficiency for full energy detection of Double Sided Silicon Strip Detectors. Journal of Physics: Conference Series, 2015, 590, 012029.	0.3	0

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145	Probing the qualities of diamond detectors for neutron identification at radiotherapy facilities. , 2015, , .		0
146	Elastic scattering and transfer reactions for the system ${}^7\text{Be} + {}^{58}\text{Ni}$ at Coulomb barrier energies. Journal of Physics: Conference Series, 2015, 639, 012002.	0.3	1
147	${}^7\text{Li}$ structural information from inclusive break-up measurements. EPJ Web of Conferences, 2015, 88, 01003.	0.1	0
148	The InKilsSY experiment at LNS: A study of size vs. isospin effects with ${}^{124}\text{Xe} + {}^{64}\text{Zn}$ and ${}^{124,112}\text{Sn} + {}^{64,58}\text{Ni}$ reactions. EPJ Web of Conferences, 2015, 88, 01014.	0.1	1
149	Status and perspectives of fragmentation beams at LNS with CHIMERA detector. EPJ Web of Conferences, 2015, 88, 00012.	0.1	0
150	The FARCOS project " Status and perspective. EPJ Web of Conferences, 2015, 88, 00013.	0.1	4
151	The ASY-EOS experiment at GSI: Constraining the symmetry energy at supra-saturation densities. EPJ Web of Conferences, 2015, 88, 00022.	0.1	1
152	GLORIA: A compact detector system for studying heavy-ion reactions using radioactive beams. EPJ Web of Conferences, 2015, 88, 01011.	0.1	0
153	New supersonic gas jet target for low energy nuclear reaction studies. Physical Review Special Topics: Accelerators and Beams, 2015, 18, .	1.8	9
154	Production cross sections for intermediate mass fragments from dynamical and statistical decay of projectile-like fragments in ${}^{124}\text{Sn} + {}^{64}\text{Ni}$ and ${}^{112}\text{Sn} + {}^{58}\text{Ni}$ collisions at 35 A MeV. Physical Review C, 2015, 91, .	1.1	24
155	Study of the ${}^6\text{Li} + p \rightarrow {}^3\text{He} + {}^4\text{He}$ reaction in inverse kinematics. European Physical Journal A, 2015, 51, 1.	1.0	10
156	Dipolar degrees of freedom and isospin equilibration processes in heavy ion collisions. Physical Review C, 2015, 91, .	1.1	12
157	Elastic scattering measurements for the system ${}^7\text{Be} + {}^{28}\text{Si}$ at 17.2 MeV. , 2015, , .		1
158	Total reaction cross sections for ${}^8\text{Li} + {}^{90}\text{Zr}$ at near-barrier energies. European Physical Journal A, 2015, 51, 1.	1.0	33
159	Reaction dynamics studies for the system ${}^7\text{Be} + {}^{58}\text{Ni}$ . Journal of Physics: Conference Series, 2015, 590, 012057.	0.3	0
160	Important influence of single neutron stripping coupling on near-barrier ${}^8\text{Li} + {}^{90}\text{Zr}$ quasi-elastic scattering. European Physical Journal A, 2015, 51, 1.	1.0	9
161	Particle gamma correlations in ${}^{12}\text{C}$ measured with the CsI(Tl) based detector array CHIMERA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 799, 64-69.	0.7	32
162	The FARCOS project. First characterization of CsI(Tl) crystals of the FARCOS array using charged particle beams at LNS. EPJ Web of Conferences, 2014, 66, 11001.	0.1	2

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163	Transfervs. Breakup in the interaction of the $^7\text{Be}$ Radioactive Ion Beam with a $^{58}\text{Ni}$ target at Coulomb barrier energies. EPJ Web of Conferences, 2014, 66, 03060.	0.1	0
164	Elastic and break-up of the $1\text{n}$ -halo $^{11}\text{Be}$ nucleus. EPJ Web of Conferences, 2014, 66, 03023.	0.1	3
165	Scattering of light halo nuclei on heavy target at energies around the Coulomb barrier. EPJ Web of Conferences, 2014, 66, 03086.	0.1	0
166	Study of DSSSD detecto response in the inter-strip region using a proton micro-beam. EPJ Web of Conferences, 2014, 66, 11015.	0.1	0
167	Reaction of the Halo Nucleus $^{11}\text{Be}$ on Heavy Targets at Energies Around the Coulomb Barrier. Acta Physica Polonica B, 2014, 45, 375.	0.3	5
168	Direct and Compound Nucleus Reactions for the System $^7\text{Be} + ^{58}\text{Ni}$ at Near-barrier Energies. Acta Physica Polonica B, 2014, 45, 363.	0.3	0
169	Study of $^{24}\text{Mg}$ resonances relevant for carbon burning nucleosynthesis. , 2014, , .		0
170	Birks $\times^3$ scaling of the particle light output functions for the EJ 299-33 plastic scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 768, 141-145.	0.7	8
171	Study of the inter-strip gap effects on the response of Double Sided Silicon Strip Detectors using proton micro-beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 767, 99-111.	0.7	18
172	GLORIA: A compact detector system for studying heavy ion reactions using radioactive beams. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 755, 69-77.	0.7	32
173	The ASY-EOS experiment at GSI: investigating symmetry energy at supra-saturation densities. EPJ Web of Conferences, 2014, 66, 03074.	0.1	1
174	Transfer reactions on light exotic nuclei studied with CHIMERA detector at LNS. EPJ Web of Conferences, 2014, 66, 03016.	0.1	1
175	Near barrier scattering of $^8\text{He}$ on $^{208}\text{Pb}$ . EPJ Web of Conferences, 2014, 66, 03058.	0.1	2
176	Study of the break-up channel in $^{11}\text{Li} + ^{208}\text{Pb}$ collisions at energies around the Coulomb barrier. Journal of Physics: Conference Series, 2014, 515, 012004.	0.3	0
177	Isospin Against Size Effects In Projectile Dynamical Fission For $^{112,124}\text{Sn} + ^{58,64}\text{Ni}$ and $^{124}\text{Xe} + ^{64}\text{Zn}$ Reactions At 35 A.MeV. Journal of Physics: Conference Series, 2014, 515, 012020.	0.3	2
178	Entrance channel effects in medium mass nuclear systems at 25 MeV/nucleon. Journal of Physics: Conference Series, 2014, 515, 012013.	0.3	0
179	Characterization of a NTD Double-Sided Silicon Strip Detector using a pulsed ion beam. , 2014, , .		1
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