Manuela Cavallaro

List of Publications by Year
in descending order

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197	3,188	117625	189892
papers	citations	34 h-index	50 g-index

198	198	198	748
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The NUMEN project: NUclear Matrix Elements for Neutrinoless double beta decay. European Physical Journal A, 2018, 54, 1.	2.5	146
2	The MAGNEX spectrometer: Results and perspectives. European Physical Journal A, 2016, 52, 1.	2.5	120
3	Heavy-ion double charge exchange reactions: A tool toward $0 uetaeta$ nuclear matrix elements. European Physical Journal A, 2015, 51, 1.	2.5	118
4	Measuring the ions momentum vector with a large acceptance magnetic spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 638, 74-82.	1.6	100
5	A particle identification technique for large acceptance spectrometers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 621, 419-423.	1.6	97
6	The low-pressure focal plane detector of the MAGNEX spectrometer. European Physical Journal A, 2012, 48, 1.	2.5	89
7	Signatures of the Giant Pairing Vibration in the 14C and 15C atomic nuclei. Nature Communications, 2015, 6, 6743.	12.8	86
8	Heavy ion charge exchange reactions as probes for nuclear <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e7070" altimg="si795.svg"><mml:mi>I²</mml:mi></mml:math>-decay. Progress in Particle and Nuclear Physics, 2019, 109, 103716.	14.4	74
9	Probing the nature of two-neutron correlations in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow		

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19	Heavy Ions Double Charge Exchange reactions: towards the 0Î½2Î2 Nuclear Matrix Element determination. Nuclear and Particle Physics Proceedings, 2015, 265-266, 28-30.	0.5	44
20	Analysis of two-nucleon transfer reactions in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Ne</mml:mi><mml:mprescripts /><mml:none /><mml:mn>20</mml:mn></mml:mmultiscripts><mml:mo>+</mml:mo><mml:mmultiscripts><mml:mi>Cd</mml:mi><mml:mprescripts /><mml:none /><mml:mn>116</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> system at 306 MeV. Physical Review C, 2016, 93, .	2.9	42
21	Multinucleon transfer in the quasi-symmetric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none /><mml:mn>18</mml:mn></mml:mmultiscripts></mml:math> populated with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mo>(</mml:mo><mml:mi>t</mml:mi><mml:mo>,</mml:mo></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow> Physical Review C, 2017,	2.9	41
22	An upgraded focal plane detector for the MAGNEX spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 989, 164918.	1.6	41
23	Pulse-shape discrimination in NE213 liquid scintillator detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 700, 65-69.	1.6	40
24	Challenging measurement of the 16O+27Al elastic and inelastic angular distributions up to large angles. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 648, 46-51.	1.6	39
25	Neutron decay of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">C</mml:mi><mml:mprescripts /><mml:none /><mml:mn>15</mml:mn></mml:mmultiscripts></mml:math> resonances by measurements of neutron time-of-flight. Physical Review C, 2016, 93, .	2.9	38
26	Field measurement for large bending magnets. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 585, 136-145.	1.6	37
27	Field measurement for large quadrupole magnets. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 591, 394-405.	1.6	37
28	First Measurement of the ^{116}Cd(^{20}Ne,^{20}O)^{116}Sn Reaction at 15,A,MeV. Acta Physica Polonica B, 2018, 49, 275.	0.8	37
29	New structures in the continuum of 15C populated by two-neutron transfer. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 711, 347-352.	4.1	36
30	Competition between direct and sequential two-neutron transfers in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none /><mml:mn>18</mml:mn></mml:mmultiscripts><mml:mo>+</mml:mo><mml:mmultiscripts><mml:mi>Si</mml:mi><mml:mprescripts /><mml:none /><mml:mn>28</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> collision at 84 MeV. Physical Review C, 2018, 97,	2.9	36
31	Multinucleon transfer in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Ne</mml:mi><mml:mprescripts /><mml:none /><mml:mn>20</mml:mn></mml:mmultiscripts><mml:mo>+</mml:mo><mml:mmultiscripts><mml:mi>Ge</mml:mi><mml:mprescripts /><mml:none /><mml:mn>76</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> elastic and inelastic scattering at 306 MeV. Physical Review C, 2018, 100,	2.9	36
32	Field reconstruction in large aperture quadrupole magnets. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 494-500.	1.6	35
33	Study of the rainbow-like pattern in the elastic scattering of¹⁶O on²⁷Al atE_{lab.}= 100 MeV. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 105101.	3.6	35
34	The MAGNEX magnetic spectrometer for double charge exchange reactions. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 334-338.	1.4	35
35	Total reaction cross sections for 8Li + 90Zr at near-barrier energies. European Physical Journal A, 2015, 51, 1.	2.5	33
36	A Constrained Analysis of the 40Ca(18O,18F)40K Direct Charge Exchange Reaction Mechanism at 275 MeV. Frontiers in Astronomy and Space Sciences, 2021, 8, .	2.8	32

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37	Commissioning of the MAGNEX large-acceptance spectrometer. European Physical Journal: Special Topics, 2007, 150, 343-346.	2.6	30
38	First application of thenâ^'Be9optical potential to the study of theBe10continuum via the(O18,O17)neutron-transfer reaction. Physical Review C, 2014, 90, .	2.9	30
39	Investigation of the Li10 shell inversion by neutron continuum transfer reaction. Physical Review Letters, 2017, 118, 012701.	7.8	30
40	Analysis of two-proton transfer in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Ca</mml:mi><mml:mprescripts /><mml:none		

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55	Evidence for O15+Î± resonance structures in Ne19 via direct measurement. Physical Review C, 2017, 96, .	2.9	21
56	Analysis of the one-neutron transfer to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none /><mml:mn>16</mml:mn></mml:mmultiscripts><mml:mo>,</mml:mo><mml:mspace width="0.28em" /><mml:mmultiscripts><mml:mi mathvariant="normal">Si</mml:mi><mml:mprescripts /><mml:none /><mml:mn>28</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> , and <mml:math xmlns:mml="	2.9	21
57	The NUMEN Technical Design Report. International Journal of Modern Physics A, 2021, 36, .	1.5	21
58	Reexamination of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">Li</mml:mi><mml:mprescripts /><mml:none /><mml:mn>6</mml:mn></mml:mmultiscripts></mml:mrow><mml:mo>+</mml:mo><mml:mi>p</mml:mi></mml:mrow></mml:math> reaction at low energies. Physical Review C, 2015, 91, .	2.9	20
59	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Cd</mml:mi><mml:mprescripts /><mml:none		

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73	Application of an ab initio <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>S</mml:mi></mml:math> matrix to data analysis of transfer reactions to the continuum populating <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Be</mml:mi><mml:mprescripts /><mml:none /><mml:mn>11</mml:mn></mml:mmultiscripts></mml:math>. Physical Review C, 2019, 100, .	2.9	12
74	Measurement of the double charge exchange reaction for the 20NeÂ+Â130Te system at 306ÂMeV. Results in Physics, 2021, 28, 104691.	4.1	12
75	Study of the 6Li + p $ ightarrow$ 3He + 4He reaction in inverse kinematics. European Physical Journal A, 2015, 51, 1.	2.5	10
76	Giant Pairing Vibrations in light nuclei. European Physical Journal A, 2019, 55, 1.	2.5	10
77	Gamowâ€“Teller strength distributions of $${^{116} ext {Sb}}$$ and $${^{122} ext {Sb}}$$ using the $${(^{3} ext {He}, t)}$$ charge-exchange reaction. European Physical Journal A, 2020, 56, 1.	2.5	10
78	First comparison of GEANT4 hadrontherapy physics model with experimental data for a NUMEN project reaction case. European Physical Journal A, 2020, 56, 1.	2.5	10
79	Spectroscopy of ^{13}B via the (^{18}O,<sup><span) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 B, 2013, 44, 657.	0.8	9
80	FIRST experiment: Fragmentation of Ions Relevant for Space and Therapy. Journal of Physics: Conference Series, 2013, 420, 012061.	0.4	9
81	Important influence of single neutron stripping coupling on near-barrier 8Li + 90Zr quasi-elastic scattering. European Physical Journal A, 2015, 51, 1.	2.5	9
82	Global description of the Li7+p reaction at 5.44 MeV/u in a continuum-discretized coupled-channels approach. Physical Review C, 2017, 96, .	2.9	9
83	Exploring the NÎ± + 3n light nuclei via the (7Li,7Be) reaction. European Physical Journal A, 2006, 27, 283-288.	2.5	8
84	16Oresonances near the4Îž±threshold through the12C(6Li,d) reaction. Physical Review C, 2014, 89, .	2.9	8
85	Experimental study of the knockout reaction mechanism using <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mtext>O</mml:mtext><mml:mprescripts /><mml:none /><mml:mn>14</mml:mn></mml:mmultiscripts></mml:math> at 60 MeV/nucleon. Physical Review C, 2016, 93, .	2.9	8
86	Confirmation of Giant Pairing Vibration evidence in $$^{mathrm {12,13}}$$C($$^{mathrm) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 T Journal A, 2021, 57, 1.	2.5	8
87	The Continuum of ^{11}Be Populated by the (^{18}O,^{16}O) Two-neutron Transfer Reaction. Acta Physica Polonica B, 2014, 45, 431.	0.8	7
88	Coherent coupled-reaction-channels analysis of existing and new <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math> + <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Be</mml:mi><mml:mprescripts /><mml:none /><mml:mn>9</mml:mn></mml:mmultiscripts></mml:math> data between 1.7 and 15 MeV/nucleon. Physical Review C, 2019, 99, .	2.9	7
89	Spin-dipole nuclear matrix element for the double beta decay of ⁷⁶Ge by the (³He, t) charge-exchange reaction. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 05LT01.	3.6	7
90	Be9+p breakup at 5.67A MeV in a full kinematics approach. Physical Review C, 2020, 101, .	2.9	7

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91	Identification of medium mass (A=60â€“80) ejectiles from 15 MeV/nucleon peripheral heavy-ion collisions with the MAGNEX large-acceptance spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1031, 166588.	1.6	7
92	(18O,18Ne) double charge-exchange with MAGNEX. , 2014, , .		6
93	The 7Li(d, p)8Li reaction in inverse kinematics at 5.44 MeV/u. European Physical Journal A, 2017, 53, 1.	2.5	6
94	Investigation of the Hoyle state in¹²C with a new hodoscope detector. Journal of Physics: Conference Series, 2017, 876, 012006.	0.4	6
95	Nuclear Response to Second-Order Isospin Probes in Connection to Double Beta Decay. Universe, 2020, 6, 217.	2.5	6
96	Global study of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Be</mml:mi><mml:mprescripts /><mml:none /><mml:mn>9</mml:mn></mml:mmultiscripts><mml:mo>Â</mml:mo><mml:mo>+</mml:mo><mml:mo>Â</mml:mo><mml:mi>p</mml:mi></mml:math> at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>2.72</mml:mn><mml:mi>A</mml:mi></mml:mrow></mml:math>	2.9	6
97	High Excitation Energy Modes in ^{118}Sn Populated by the ^{120}Sn(p,t)^{118}Sn Reaction at 35 MeV. Acta Physica Polonica B, 2014, 45, 437.	0.8	5
98	Mini-phoswich and SiPM for heavy ion detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 912, 128-131.	1.6	5
99	Challenges for high rate signal processing for the NUMEN experiment. Journal of Physics: Conference Series, 2018, 1056, 012034.	0.4	5
100	The MAGNEX large acceptance spectrometer. , 2010, , .		4
101	Preliminary Study of Two-Neutron States via the ([sup 18]O,[sup 16]O) Reaction at 84 MeV. , 2011, , .		4
102	Interference effects between direct and sequential processes in the (18O,16O) reaction. EPJ Web of Conferences, 2014, 66, 03017.	0.3	4
103	Proton inelastic scattering in inverse kinematics as a mean for determining decay rates in continuum: The 9Beâ€¯+â€¯p case. Nuclear Physics A, 2021, 1008, 122155.	1.5	4
104	A Microscopic Approach for $p+^9$Be at Energies Between 1.7 to 15 MeV/nucleon. Acta Physica Polonica B, 2019, 50, 1547.	0.8	4
105	New structures in the continuum of light nuclei populated by two-neutron transfer reactions. EPJ Web of Conferences, 2014, 66, 03015.	0.3	3
106	The (18O,16O) reaction: a bridge from direct to dissipative dynamics. Journal of Physics: Conference Series, 2014, 515, 012003.	0.4	3
107	Exploring the12C(18O,16O)14C two-neutron transfer reaction at energies far above the Coulomb barrier. Journal of Physics: Conference Series, 2015, 590, 012030.	0.4	3
108	Study of nuclear reactions in laser plasmas at future ELI-NP facility. EPJ Web of Conferences, 2016, 117, 05008.	0.3	3

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109	Measurement of the stopping power for 16 O in 4 He gas. Nuclear Instruments & Methods in Physics Research B, 2016, 389-390, 1-4.	1.4	3
110	A new high-precision upper limit of direct Î±-decays from the Hoyle state in 12C. EPJ Web of Conferences, 2017, 165, 01020.	0.3	3
111	Silicon Carbide detectors for nuclear physics experiments at high beam luminosity. Journal of Physics: Conference Series, 2018, 1056, 012032.	0.4	3
112	Study of the reaction 70Zn (15 MeV/nucleon) + 64Ni with the MAGNEX spectrometer for the production of neutron-rich isotopes. EPJ Web of Conferences, 2021, 252, 07005.	0.3	3
113	Two-Neutron Excitations in light nuclei via the (¹⁸O,¹⁶O) reaction at 84 MeV. Journal of Physics: Conference Series, 2011, 312, 092020.	0.4	2
114	The role of couplings in nuclear rainbow formation at energies far above the barrier. , 2012, , .		2
115	Effects of configuration mixing in heavy-ion elastic scattering. EPJ Web of Conferences, 2014, 66, 03067.	0.3	2
116	Natural Parity States Excited via (^{18}O,^{16}O) Two-neutron Transfer Reaction. Acta Physica Polonica B, 2014, 45, 411.	0.8	2
117	Elastic scattering for the system 6Li+p at near barrier energies with MAGNEX. , 2015, , .		2
118	Exploring the ¹⁰Li structure by the d(⁹Li,p)¹⁰Li transfer reaction. Journal of Physics: Conference Series, 2015, 590, 012037.	0.4	2
119	The nuclear matrix elements of 0Î½Î²Î²decay and the NUMEN project at INFN-LNS. EPJ Web of Conferences, 2016, 117, 10003.	0.3	2
120	The Î±-decay of the Hoyle state in 12C: a new high-precision investigation. EPJ Web of Conferences, 2018, 184, 01005.	0.3	2
121	First Results from The MAGNEX Large Acceptance Spectrometer. , 2008, , .		1
122	Exploring Light Neutron Rich Nuclei via the ([sup 7]Li,[sup 7]Be) Reaction. , 2008, , .		1
123	First results and planned experiments with the INFN-LNS ray-tracing magnetic spectrometer MAGNEX. , 2010, , .		1
124	Study of the [sup 19]O states via the ([sup 7]Li,[sup 7]Be) reaction at 52 MeV. AIP Conference Proceedings, 2010, , .	0.4	1
125	States of¹⁴C and¹⁵C via the (¹⁸O,¹⁶O) two-neutron transfer reaction at 84 MeV. Journal of Physics: Conference Series, 2012, 381, 012094.	0.4	1
126	Effects of the polarization potential on the classical elastic scattering trajectories of 16O + 27Al at 100 MeV. , 2013, , .		1

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127	Alpha Cluster Structure in16O. EPJ Web of Conferences, 2014, 66, 02093.	0.3	1
128	Two-neutron stripping in (18O, 16O) and (t,p) reactions. , 2014, , .		1
129	The (18O, 16O) reaction as a probe for nuclear spectroscopy. , 2014, , .		1
130	Selectivity of the 12C(18O, 16O)14C reaction. Bulletin of the Russian Academy of Sciences: Physics, 2014, 78, 605-606.	0.6	1
131	Transfer to the continuum of 14C via (18O, 16O) reaction. Bulletin of the Russian Academy of Sciences: Physics, 2014, 78, 607-610.	0.6	1
132	Resonant states in¹³C and^{16,17}O at high excitation energy. Journal of Physics: Conference Series, 2014, 569, 012067.	0.4	1
133	NUMEN Project @ LNS : Heavy ions double charge exchange reactions towards the 0Î½2Î²2Î² nuclear matrix element determination. AIP Conference Proceedings, 2015, , .	0.4	1
134	The d(⁹Li,p)¹⁰Li reaction as a tool to explore the ¹⁰Li structure. Journal of Physics: Conference Series, 2015, 630, 012019.	0.4	1
135	The nuclear matrix elements of 0νÎ²Î² decay and the NUMEN project at INFN-LNS. Journal of Physics: Conference Series, 2016, 730, 012006.	0.4	1
136	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2017, , .	0.4	1
137	Active target MAIKo to investigate cluster structures in unstable nuclei. Journal of Physics: Conference Series, 2017, 863, 012076.	0.4	1
138	The nuclear matrix elements of 0Î½Î²Î² decay and the NUMEN project at INFN-LNS. EPJ Web of Conferences, 2018, 194, 02001.	0.3	1
139	Pulse Shape Discrimination with EJ299 scintillators. Journal of Physics: Conference Series, 2018, 966, 012064.	0.4	1
140	A new measurement of the direct alpha-decay width of the Hoyle state in 12C. AIP Conference Proceedings, 2018, , .	0.4	1
141	Measuring nuclear reaction cross sections to extract information on neutrinoless double beta decay. Journal of Physics: Conference Series, 2018, 966, 012021.	0.4	1
142	Experimental challenges in the measurement of double charge exchange reactions within the NUMEN project. Journal of Physics: Conference Series, 2018, 1078, 012008.	0.4	1
143	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2019, , .	0.4	1
144	Upgrade of the MAGNEX spectrometer toward the high-intensity phase of NUMEN. EPJ Web of Conferences, 2021, 252, 03003.	0.3	1

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145	Study of the 4He(4He,4He)4He* inelastic scattering at the MAGNEX facility. EPJ Web of Conferences, 2021, 252, 04007.	0.3	1
146	(18O,>16O) Two-neutron transfer reactions for spectroscopic studies. , 2013, , .		1
147	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.	0.4	1
148	[sup 117]In and [sup 118]Sn Homologous State Identification via the [sup 120]Sn(pâƒ—,Î±)[sup 117]In and [sup 121]Sb(pâƒ—,Î±)[sup 118]Sn Reactions. , 2009, , .		0
149	Digital signal processing applied to the position start detector of the MAGNEX spectrometer. , 2009, , .		0
150	States of [sup 15]C via the ([sup 18]O,[sup 16]O) reaction. AIP Conference Proceedings, 2010, , .	0.4	0
151	The KENTROS detector for identification and kinetic energy measurements of nuclear fragments at polar angles between 5 and 90 degrees. , 2012, , .		0
152	Nuclear fragmentation measurements for hadrontherapy and space radiation protection. , 2013, , .		0
153	The (¹⁸O,¹⁶O) two-neutron transfer reaction at 84 MeV. Journal of Physics: Conference Series, 2013, 420, 012048.	0.4	0
154	Quasi-bound alpha resonant states populated by the 12C(6Li,d) reaction. , 2013, , .		0
155	Fragmentation cross sections at intermediate energies for hadrontherapy and space radiation protection. EPJ Web of Conferences, 2014, 66, 10004.	0.3	0
156	Measurement of Fragment Production Cross Sections in the ^{12}C+^{12}C and ^{12}C+^{197}Au Reactions at 62 A MeV for Hadrontherapy and Space Radiation Protection. Acta Physica Polonica B, 2014, 45, 565.	0.8	0
157	16O resonances near 4Î± threshold through 12C(6Li,d) reaction. , 2014, , .		0
158	Study of new resonances at high excitation energy by the 120Sn(p,t)118Sn reaction at 35 MeV. Bulletin of the Russian Academy of Sciences: Physics, 2014, 78, 588-590.	0.6	0
159	10Li low-lying resonances populated by one-neutron transfer. AIP Conference Proceedings, 2015, , .	0.4	0
160	Multipolarity analysis for 14C high-energy resonance populated by (18O,16O) two-neutron transfer reaction. AIP Conference Proceedings, 2015, , .	0.4	0
161	Extracting the cross section angular distributions for15C high-energy resonance excited via the (18O,16O) two-neutron transfer reaction. EPJ Web of Conferences, 2016, 117, 04004.	0.3	0
162	Preliminary study of the10Li nucleus via one-neutron transfer. EPJ Web of Conferences, 2016, 117, 06009.	0.3	0

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163	The Giant Pairing Vibration in Carbon isotopes. Journal of Physics: Conference Series, 2016, 730, 012007.	0.4	0
164	NUMEN Project @ LNS : Heavy Ions Double Charge Exchange as a tool towards the 0Î½Î²Î²Nuclear Matrix Element. Journal of Physics: Conference Series, 2016, 724, 012001.	0.4	0
165	Neutron decay of the Giant Pairing Vibration in¹⁵C. Journal of Physics: Conference Series, 2016, 724, 012006.	0.4	0
166	¹⁵O+Î± resonant elastic scattering to study cluster states in¹⁹Ne. Journal of Physics: Conference Series, 2017, 863, 012026.	0.4	0
167	Oxygen-15+Î± resonant elastic scattering to study cluster states in¹⁹Ne. Journal of Physics: Conference Series, 2017, 876, 012021.	0.4	0
168	Two-neutron clustering aspects in the transitions induced by the¹³C(¹⁸O,¹⁶O)¹⁵C reaction at 84 MeV incident energy. Journal of Physics: Conference Series, 2017, 863, 012068.	0.4	0
169	A view of recent results and perspectives on nuclear structure with MAGNEX at the INFN-LNS laboratory. Journal of Physics: Conference Series, 2018, 966, 012008.	0.4	0
170	Post-stripper study for the (²⁰Ne, ²⁰O) double charge exchange reaction at zero degrees with the MAGNEX spectrometer. Journal of Physics: Conference Series, 2018, 1056, 012052.	0.4	0
171	Experimental challenges for the measurement of the ¹¹⁶Cd(²⁰Ne,²⁰O)¹¹⁶Sn double charge exchange reaction at 15 AMeV. Journal of Physics: Conference Series, 2018, 1023, 012006.	0.4	0
172	Data reduction for experimental measurements within the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012010.	0.4	0
173	Short-range (pairing) versus long-range (collective) correlations in two-neutron transfer reactions induced by 18O. Journal of Physics: Conference Series, 2018, 1056, 012035.	0.4	0
174	Nuclear structure studies performed using the (18O,16O) two-neutron transfer reactions. Journal of Physics: Conference Series, 2018, 966, 012016.	0.4	0
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