

Francesco Cappuzzello

List of Publications by Year in descending order

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214
papers

3,464
citations

109321

35
h-index

182427

51
g-index

216
all docs

216
docs citations

216
times ranked

829
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 ^{14}C and ^{15}C atomic nuclei. Nature Communications, 2015, 6, 6743.	12.8	86
8	Heavy ion charge exchange reactions as probes for nuclear $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e7070" altimg="si795.svg" \rangle \langle \text{mml:mi} \rangle I^2 \langle / \text{mml:mi} \rangle \langle / \text{mml:math} \rangle$ -decay. Progress in Particle and Nuclear Physics, 2019, 109, 103716.	14.4	74
9	$\langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle$		

#	ARTICLE	IF	CITATIONS
19	The role of nuclear reactions in the problem of ^{212}Po decay and the NUMEN project at INFN-LNS. Journal of Physics: Conference Series, 2015, 630, 012018.	0.4	47
20	Nuclear rainbow in the $^{16}\text{O}+^{27}\text{Al}$ system: The role of couplings at energies far above the barrier. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 426-429.	4.1	46
21	Heavy Ions Double Charge Exchange reactions: towards the ^{212}Po Nuclear Matrix Element determination. Nuclear and Particle Physics Proceedings, 2015, 265-266, 28-30.	0.5	44
22	Analysis of two-nucleon transfer reactions in the $^{20}\text{O}+^{116}\text{Cd}$ system at 306 MeV. Physical Review C, 2019, 100, 014607.	2.9	42
23	Analysis of two-nucleon transfer reactions in the $^{18}\text{O}+^{116}\text{Cd}$ system at 306 MeV. Physical Review C, 2019, 100, 014608.	2.9	41
24	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
25	Analysis of the $^{11}\text{B}(^{7}\text{Li},^{7}\text{Be})^{11}\text{Be}$ reaction at 57 MeV in a microscopic approach. Nuclear Physics A, 2004, 739, 30-56.	1.5	40
26	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
27	Challenging measurement of the $^{16}\text{O}+^{27}\text{Al}$ 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
28	Excited states of ^{11}Be . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 516, 21-26.	4.1	38
29	Neutron decay of ^{11}C . Physical Review C, 2016, 93, 014607.	2.9	38
30	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
31	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
32	First Measurement of the $^{116}\text{Cd}(^{20}\text{Ne},^{20}\text{O})^{116}\text{Sn}$ Reaction at 15 MeV. Acta Physica Polonica B, 2018, 49, 275.	0.8	37
33	New structures in the continuum of ^{15}C populated by two-neutron transfer. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 711, 347-352.	4.1	36
34	Competition between direct and sequential two-neutron transfers in the $^{18}\text{O}+^{28}\text{Si}$ collision at 84 MeV. Physical Review C, 2019, 100, 014609.	2.9	36
35	Competition between direct and sequential two-neutron transfers in the $^{20}\text{O}+^{76}\text{Ge}$ elastic and inelastic scattering at 306 MeV. Physical Review C, 2019, 100, 014610.	2.9	36
36	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

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37	Study of the rainbow-like pattern in the elastic scattering of ^{16}O on ^{27}Al at $E_{\text{lab}} = 100$ MeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2013, 40, 105101.	3.6	35
38	The MAGNEX magnetic spectrometer for double charge exchange reactions. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2020, 463, 334-338.	1.4	35
39	A Constrained Analysis of the $^{40}\text{Ca}(^{18}\text{O},^{18}\text{F})^{40}\text{K}$ Direct Charge Exchange Reaction Mechanism at 275 MeV. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	2.8	32
40	Core excited Fano-resonances in exotic nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 633, 469-473.	4.1	31
41	Commissioning of the MAGNEX large-acceptance spectrometer. <i>European Physical Journal: Special Topics</i> , 2007, 150, 343-346.	2.6	30
42	First application of the ^9Be optical potential to the study of the ^{10}Be continuum via the $(^{18}\text{O},^{17}\text{O})$ neutron-transfer reaction. <i>Physical Review C</i> , 2014, 90, .	2.9	30
43	Investigation of the ^{10}Li shell inversion by neutron continuum transfer reaction. <i>Physical Review Letters</i> , 2017, 118, 012701.	7.8	30
44	Analysis of two-proton transfer in the ^{44}Ca		

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55	<p>role of projectile excitation in $^{16}\text{O} + ^{60}\text{Ni}$ and $^{16}\text{O} + ^{208}\text{Pb}$ reactions. <i>Physical Review Letters</i>, 2003, 91, 172701.</p>	2.9	23
56	<p>Analysis of the background on cross section measurements with the MAGNEX spectrometer: The (20Ne, 20O) Double Charge Exchange case. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i>, 2020, 980, 164500.</p>	1.6	24
57	<p>Excited states of ^{15}C. <i>Europhysics Letters</i>, 2004, 65, 766-772.</p>	2.9	23
58	<p>The NUMEN Project: Toward New Experiments with High-Intensity Beams. <i>Universe</i>, 2021, 7, 72.</p>	2.5	23
59	<p>Excited states of ^{15}C. <i>Europhysics Letters</i>, 2004, 65, 766-772.</p>	2.0	22
60	<p>Charge-state distributions of ^{20}Ne ions emerging from thin foils. <i>Results in Physics</i>, 2019, 13, 102191.</p>	4.1	22
61	<p>Multichannel experimental and theoretical constraints for the $^{16}\text{O} + ^{208}\text{Pb}$ reaction. <i>Physical Review Letters</i>, 2003, 91, 172701.</p>		

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73	Exclusive breakup of Li7 incident on a proton target at 5.44A MeV. Physical Review C, 2017, 95, . Elastic and inelastic scattering of O	2.9	16
74	on Al	2.9	16
75	Analysis of the one-neutron transfer reaction in elastic and	2.9	16
76	collisions at 275 MeV. Physical Review C, 2022, 105, . A low-pressure gas detector for heavy-ion tracking and particle identification. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 495, 216-231.	2.9	16
77		1.6	12
78	Nuclear reaction measurements on tissue-equivalent materials and GEANT4 Monte Carlo simulations for hadrontherapy. Physics in Medicine and Biology, 2014, 59, 7643-7652.	3.0	12
79	Application of an S matrix to data analysis of transfer reactions to the continuum populating Be	2.9	12
80	Measurement of the double charge exchange reaction for the $^{20}Ne + ^{130}Te$ system at 306 MeV. Results in Physics, 2021, 28, 104691.	4.1	12
81	Global descriptions and decay rates for continuum excitation of weakly bound nuclei. European Physical Journal A, 2021, 57, 1.	2.5	11
82	Study of the $^6Li + p \rightarrow ^3He + ^4He$ reaction in inverse kinematics. European Physical Journal A, 2015, 51, 1.	2.5	10
83	Giant Pairing Vibrations in light nuclei. European Physical Journal A, 2019, 55, 1.	2.5	10
84	Gamow-Teller strength distributions of ^{116}Sb and ^{122}Sb using the $^3He, t$ charge-exchange reaction. European Physical Journal A, 2020, 56, 1.	2.5	10
85	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
86	Spectroscopy of ^{13}B via the $^{18}O, ^{18}O$ reaction. Physical Review C, 2013, 88, 044307.	0.8	9
87	FIRST experiment: Fragmentation of Ions Relevant for Space and Therapy. Journal of Physics: Conference Series, 2013, 420, 012061.	0.4	9
88	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
89	Exploring the $Ni \pm + 3n$ light nuclei via the $(^7Li, ^7Be)$ reaction. European Physical Journal A, 2006, 27, 283-288.	2.5	8
90	^{16}O resonances near the 4He threshold through the $^{12}C(^6Li, d)$ reaction. Physical Review C, 2014, 89, .	2.9	8

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109	Challenges for high rate signal processing for the NUMEN experiment. Journal of Physics: Conference Series, 2018, 1056, 012034.	0.4	5
110	MAGNEX: A large acceptance magnetic spectrometer for EXCYT. AIP Conference Proceedings, 2000, , .	0.4	4
111	Break-out from the hot-CNO cycle studied with radioactive beams. Nuclear Physics A, 2002, 701, 621-624.	1.5	4
112	Numerical computation of arbitrary order transfer maps and reconstructive correction of aberrations in the large acceptance spectrometer MAGNEX. Nuclear Instruments & Methods in Physics Research B, 2003, 204, 447-453.	1.4	4
113	Alpha Resonances in [¹³ C Excited by the [⁹ Be ([⁶ Li,d) Reaction. , 2010, , .		4
114	The MAGNEX large acceptance spectrometer. , 2010, , .		4
115	Preliminary Study of Two-Neutron States via the ([¹⁸ O],[¹⁶ O) Reaction at 84 MeV. , 2011, , .		4
116	Interference effects between direct and sequential processes in the (18O,16O) reaction. EPJ Web of Conferences, 2014, 66, 03017.	0.3	4
117	Proton inelastic scattering in inverse kinematics as a mean for determining decay rates in continuum: The ⁹ Be+ ⁺ p case. Nuclear Physics A, 2021, 1008, 122155.	1.5	4
118	A Microscopic Approach for $p+^{9}\text{Be}$ at Energies Between 1.7 to 15 MeV/nucleon. Acta Physica Polonica B, 2019, 50, 1547.	0.8	4
119	New structures in the continuum of light nuclei populated by two-neutron transfer reactions. EPJ Web of Conferences, 2014, 66, 03015.	0.3	3
120	The (18O,16O) reaction: a bridge from direct to dissipative dynamics. Journal of Physics: Conference Series, 2014, 515, 012003.	0.4	3
121	Exploring the ¹² C(18O,16O) ¹⁴ C two-neutron transfer reaction at energies far above the Coulomb barrier. Journal of Physics: Conference Series, 2015, 590, 012030.	0.4	3
122	Study of nuclear reactions in laser plasmas at future ELI-NP facility. EPJ Web of Conferences, 2016, 117, 05008.	0.3	3
123	A new high-precision upper limit of direct $\hat{\lambda}$ -decays from the Hoyle state in ¹² C. EPJ Web of Conferences, 2017, 165, 01020.	0.3	3
124	Silicon Carbide detectors for nuclear physics experiments at high beam luminosity. Journal of Physics: Conference Series, 2018, 1056, 012032.	0.4	3
125	Study of the reaction ⁷⁰ Zn (15 MeV/nucleon) + ⁶⁴ Ni with the MAGNEX spectrometer for the production of neutron-rich isotopes. EPJ Web of Conferences, 2021, 252, 07005.	0.3	3
126	Two-Neutron Excitations in light nuclei via the (¹⁸ O, ¹⁶ O) reaction at 84 MeV. Journal of Physics: Conference Series, 2011, 312, 092020.	0.4	2

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127	The role of couplings in nuclear rainbow formation at energies far above the barrier. , 2012, , .		2
128	Effects of configuration mixing in heavy-ion elastic scattering. EPJ Web of Conferences, 2014, 66, 03067.	0.3	2
129	Natural Parity States Excited via ($^{18}\text{O},^{16}\text{O}$) Two-neutron Transfer Reaction. Acta Physica Polonica B, 2014, 45, 411.	0.8	2
130	Elastic scattering for the system $6\text{Li}+p$ at near barrier energies with MAGNEX. , 2015, , .		2
131	Exploring the ^{10}Li structure by the $d(^{9}\text{Li},p)^{10}\text{Li}$ transfer reaction. Journal of Physics: Conference Series, 2015, 590, 012037.	0.4	2
132	The nuclear matrix elements of $0^+_{1/2} \rightarrow 2^+_{1/2}$ decay and the NUMEN project at INFN-LNS. EPJ Web of Conferences, 2016, 117, 10003.	0.3	2
133	The 1^{\pm} -decay of the Hoyle state in ^{12}C : a new high-precision investigation. EPJ Web of Conferences, 2018, 184, 01005.	0.3	2
134	The NUMEN Project: Shedding Light on Neutrinoless Double Beta Decay by Heavy-Ion Nuclear Reactions. Nuclear Physics News, 2021, 31, 23-26.	0.4	2
135	First Results from The MAGNEX Large Acceptance Spectrometer. , 2008, , .		1
136	Exploring Light Neutron Rich Nuclei via the ($^{7}\text{Li},^{7}\text{Be}$) Reaction. , 2008, , .		1
137	First results and planned experiments with the INFN-LNS ray-tracing magnetic spectrometer MAGNEX. , 2010, , .		1
138	Study of the ^{19}O states via the ($^{7}\text{Li},^{7}\text{Be}$) reaction at 52 MeV. AIP Conference Proceedings, 2010, , .	0.4	1
139	States of ^{14}C and ^{15}C via the ($^{18}\text{O},^{16}\text{O}$) two-neutron transfer reaction at 84 MeV. Journal of Physics: Conference Series, 2012, 381, 012094.	0.4	1
140	Effects of the polarization potential on the classical elastic scattering trajectories of $^{16}\text{O} + ^{27}\text{Al}$ at 100 MeV. , 2013, , .		1
141	Alpha Cluster Structure in ^{16}O . EPJ Web of Conferences, 2014, 66, 02093.	0.3	1
142	Two-neutron stripping in ($^{18}\text{O}, ^{16}\text{O}$) and (t,p) reactions. , 2014, , .		1
143	The ($^{18}\text{O}, ^{16}\text{O}$) reaction as a probe for nuclear spectroscopy. , 2014, , .		1
144	Selectivity of the $^{12}\text{C}(^{18}\text{O}, ^{16}\text{O})^{14}\text{C}$ reaction. Bulletin of the Russian Academy of Sciences: Physics, 2014, 78, 605-606.	0.6	1

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145	Transfer to the continuum of ^{14}C via $(^{18}\text{O}, ^{16}\text{O})$ reaction. Bulletin of the Russian Academy of Sciences: Physics, 2014, 78, 607-610.	0.6	1
146	Resonant states in ^{13}C and $^{16,17}\text{O}$ at high excitation energy. Journal of Physics: Conference Series, 2014, 569, 012067.	0.4	1
147	NUMEN Project @ LNS : Heavy ions double charge exchange reactions towards the $0^+_{1/2}1^2_{1/2}$ nuclear matrix element determination. AIP Conference Proceedings, 2015, , .	0.4	1
148	The $d(^{9}\text{Li}, p)^{10}\text{Li}$ reaction as a tool to explore the ^{10}Li structure. Journal of Physics: Conference Series, 2015, 630, 012019.	0.4	1
149	The nuclear matrix elements of $0^+_{1/2}1^2_{1/2}$ decay and the NUMEN project at INFN-LNS. Journal of Physics: Conference Series, 2016, 730, 012006.	0.4	1
150	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2017, , .	0.4	1
151	The nuclear matrix elements of $0^+_{1/2}1^2_{1/2}$ decay and the NUMEN project at INFN-LNS. EPJ Web of Conferences, 2018, 194, 02001.	0.3	1
152	Pulse Shape Discrimination with EJ299 scintillators. Journal of Physics: Conference Series, 2018, 966, 012064.	0.4	1
153	A new measurement of the direct alpha-decay width of the Hoyle state in ^{12}C . AIP Conference Proceedings, 2018, , .	0.4	1
154	Measuring nuclear reaction cross sections to extract information on neutrinoless double beta decay. Journal of Physics: Conference Series, 2018, 966, 012021.	0.4	1
155	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
156	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2019, , .	0.4	1
157	Upgrade of the MAGNEX spectrometer toward the high-intensity phase of NUMEN. EPJ Web of Conferences, 2021, 252, 03003.	0.3	1
158	Study of the $^4\text{He}(^4\text{He}, ^4\text{He})^4\text{He}^*$ inelastic scattering at the MAGNEX facility. EPJ Web of Conferences, 2021, 252, 04007.	0.3	1
159	Exploring the $\text{N}^{\pm} + 3n$ light nuclei via the $(^7\text{Li}, ^7\text{Be})$ reaction. , 2006, , 283-288.		1
160	$(^{18}\text{O}, ^{16}\text{O})$ Two-neutron transfer reactions for spectroscopic studies. , 2013, , .		1
161	SPECTROSCOPY OF LIGHT EXOTIC NUCLEI BY (^{7}Li , ^7Be) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5Q 102 Td		1
162	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

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163	Excited states of [¹¹ Be. AIP Conference Proceedings, 2000, , .	0.4	0
164	Digital Signal Processing for Magnex Spectrometer: Preliminary Results. , 2006, , .		0
165	Digital signal processing applied to the position start detector of the MAGNEX spectrometer. , 2009, , .		0
166	States of [¹⁵ C via the ([¹⁸ O],[¹⁶ O) reaction. AIP Conference Proceedings, 2010, , .	0.4	0
167	The KENTROS detector for identification and kinetic energy measurements of nuclear fragments at polar angles between 5 and 90 degrees. , 2012, , .		0
168	Nuclear fragmentation measurements for hadrontherapy and space radiation protection. , 2013, , .		0
169	The (¹⁸O,¹⁶O) two-neutron transfer reaction at 84 MeV. Journal of Physics: Conference Series, 2013, 420, 012048.	0.4	0
170	Quasi-bound alpha resonant states populated by the ¹² C(6Li,d) reaction. , 2013, , .		0
171	Fragmentation cross sections at intermediate energies for hadrontherapy and space radiation protection. EPJ Web of Conferences, 2014, 66, 10004.	0.3	0
172	Measurement of Fragment Production Cross Sections in the $^{12}\text{C}+^{12}\text{C}$ and $^{12}\text{C}+^{197}\text{Au}$ Reactions at 62 MeV for Hadrontherapy and Space Radiation Protection. Acta Physica Polonica B, 2014, 45, 565.	0.8	0
173	¹⁶ O resonances near 4 $\hat{1}\pm$ threshold through ¹² C(6Li,d) reaction. , 2014, , .		0
174	Study of new resonances at high excitation energy by the ¹²⁰ Sn(p,t) ¹¹⁸ Sn reaction at 35 MeV. Bulletin of the Russian Academy of Sciences: Physics, 2014, 78, 588-590.	0.6	0
175	¹⁰ Li low-lying resonances populated by one-neutron transfer. AIP Conference Proceedings, 2015, , .	0.4	0
176	Multipolarity analysis for ¹⁴ C high-energy resonance populated by (18O,16O) two-neutron transfer reaction. AIP Conference Proceedings, 2015, , .	0.4	0
177	Extracting the cross section angular distributions for ¹⁵ C high-energy resonance excited via the (18O,16O) two-neutron transfer reaction. EPJ Web of Conferences, 2016, 117, 04004.	0.3	0
178	Preliminary study of the ¹⁰ Li nucleus via one-neutron transfer. EPJ Web of Conferences, 2016, 117, 06009.	0.3	0
179	The Giant Pairing Vibration in Carbon isotopes. Journal of Physics: Conference Series, 2016, 730, 012007.	0.4	0
180	NUMEN Project @ LNS : Heavy Ions Double Charge Exchange as a tool towards the $0\hat{1}\frac{1}{2} <i>\hat{1}^2 </i>$ Nuclear Matrix Element. Journal of Physics: Conference Series, 2016, 724, 012001.	0.4	0

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181	Neutron decay of the Giant Pairing Vibration in ^{15}C . Journal of Physics: Conference Series, 2016, 724, 012006.	0.4	0
182	Two-neutron clustering aspects in the transitions induced by the $^{13}\text{C}(^{18}\text{O}, ^{16}\text{O})^{15}\text{C}$ reaction at 84 MeV incident energy. Journal of Physics: Conference Series, 2017, 863, 012068.	0.4	0
183	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
184	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.	0.4	0
185	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.	0.4	0
186	Data reduction for experimental measurements within the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012010.	0.4	0
187	Focal plane detector optical readout. Journal of Physics: Conference Series, 2018, 1056, 012023.	0.4	0
188	Short-range (pairing) versus long-range (collective) correlations in two-neutron transfer reactions induced by ^{18}O . Journal of Physics: Conference Series, 2018, 1056, 012035.	0.4	0
189	Nuclear structure studies performed using the $(^{18}\text{O}, ^{16}\text{O})$ two-neutron transfer reactions. Journal of Physics: Conference Series, 2018, 966, 012016.	0.4	0
190	The Front-end for the new focal plane detector for the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012007.	0.4	0
191	Experimental issues for the measurement of the double charge exchange reactions within the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012011.	0.4	0
192	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.	0.4	0
193	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.	0.4	0
194	New experimental campaign of NUMEN project. AIP Conference Proceedings, 2019, , .	0.4	0
195	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2019, , .	0.4	0
196	Recent results on heavy-ion induced reactions of interest for neutrinoless double beta decay at INFN-LNS. EPJ Web of Conferences, 2019, 223, 01009.	0.3	0
197	Study of continuum excitation by light weakly bound projectiles on proton target. EPJ Web of Conferences, 2019, 223, 01058.	0.3	0
198	Role of correlations in two-neutron transfer reactions. EPJ Web of Conferences, 2019, 223, 01035.	0.3	0

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199	New Results from the NUMEN Project. , 2020, , .		0
200	Recent results on heavy-ion direct reactions of interest for $01_{1/2}^{212}$ decay at INFN - LNS. Journal of Physics: Conference Series, 2020, 1610, 012004.	0.4	0
201	Estimation of neutron and $\hat{1}^3$ -rays $\hat{1}$,ux at the MAGNEX facility via FLUKA simulations. EPJ Web of Conferences, 2021, 252, 06003.	0.3	0
202	Recent results for the one-proton transfer reaction in the $18O+48Ti$ collision at 275 MeV. EPJ Web of Conferences, 2021, 252, 04002.	0.3	0
203	Recent experimental activity on heavy-ion induced reactions within the NUMEN project. EPJ Web of Conferences, 2021, 252, 04001.	0.3	0
204	NEW LINES OF RESEARCH WITH THE MAGNEX LARGE-ACCEPTANCE SPECTROMETER. , 2005, , .		0
205	Collective Excitations in the ^{14}C Nucleus Populated by the $^{12}C(^{18}O,^{16}O)$ Reaction at 84 MeV. Acta Physica Polonica B, 2016, 47, 937.	0.8	0
206	Using Double Charge Exchange Reactions Towards ^{20}O eta eta ^{20}O Nuclear Matrix Elements. Acta Physica Polonica B, 2016, 47, 929.	0.8	0
207	Study of the $^{18}O + ^{64}Ni$ Two-neutron Transfer Reaction at 84 MeV by MAGNEX. Acta Physica Polonica B, 2018, 49, 381.	0.8	0
208	Microscopic Cluster Model for the Description of ($^{18}O,^{16}O$) Two-neutron Transfer Reactions. Acta Physica Polonica B, 2018, 49, 373.	0.8	0
209	Two-Neutron Transfer in the $^{18}O + ^{28}Si$ System. Springer Proceedings in Physics, 2019, , 181-183.	0.2	0
210	A clear signature of the breakup modes for 9Be on a proton target at 5.6 MeV/nucleon. Journal of Physics: Conference Series, 2020, 1643, 012102.	0.4	0
211	Transfer to the continuum of ^{11}Be with the application of ab-initio S-matrix. Journal of Physics: Conference Series, 2020, 1643, 012119.	0.4	0
212	Study of the (^6Li+p) and (^7Li+p) Systems in the Continuum Discretized Coupled Channels Approach. Acta Physica Polonica B, 2020, 51, 737.	0.8	0
213	Search for second order response of nuclei to isospin probes and their connection to double beta decay. Journal of Physics: Conference Series, 2020, 1610, 012003.	0.4	0
214	Background estimate in heavy-ion two-body reactions measured by the MAGNEX spectrometer. Journal of Physics: Conference Series, 2020, 1643, 012019.	0.4	0