

# 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	clean transfer in the $\langle \text{mml:math} \text{xmlns:mml=} \text{http://www.w3.org/1998/Math/MathML} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Cd} \langle / \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle / \rangle \langle \text{mml:none} \rangle$		

#	ARTICLE	IF	CITATIONS
19	One-proton transfer reaction for the $^{18}\text{O} + ^{48}\text{Ti}$ system at 275 MeV. Physical Review C, 2021, 104, .	2.9	27
20	Recent results for the one-proton transfer reaction in the $^{18}\text{O} + ^{48}\text{Ti}$ collision at 275 MeV. EPJ Web of Conferences, 2021, 252, 04002.	0.3	0
21	Recent experimental activity on heavy-ion induced reactions within the NUMEN project. EPJ Web of Conferences, 2021, 252, 04001.	0.3	0
22	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
23	Elastic and inelastic scattering at 275 MeV. Physical Review C, 2021, 104, .	2.9	16
24	The NUMEN Technical Design Report. International Journal of Modern Physics A, 2021, 36, .	1.5	21
25	-induced single-nucleon transfer reactions on $^{40}\text{Ca}$ . Physical Review C, 2021, 104, .	2.9	19
26	The MAGNEX magnetic spectrometer for double charge exchange reactions. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 334-338.	1.4	35
27	Carrier energies for weakly bound nuclei on heavy targets: The case of $^{208}\text{Pb}$ . Physical Review C, 2020, 102, .	2.9	23
28	New Results from the NUMEN Project. , 2020, , .		0
29	Analysis of two-nucleon transfer reactions in the $^{20}\text{Ne} + ^{116}\text{Cd}$ system at 306 MeV. Physical Review C, 2020, 102, .	2.9	42
30	Nuclear Response to Second-Order Isospin Probes in Connection to Double Beta Decay. Universe, 2020, 6, 217.	2.5	6
31	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.	1.6	24
32	Gamowâ€‘Teller strength distributions of $^{116}\text{Sb}$ and $^{122}\text{Sb}$ using the $^{3}\text{He}, t$ charge-exchange reaction. European Physical Journal A, 2020, 56, 1.	2.5	10
33	Recent results on heavy-ion direct reactions of interest for $0^+ \rightarrow 2^+$ decay at INFN - LNS. Journal of Physics: Conference Series, 2020, 1610, 012004.	0.4	0
34	The NUMEN Heavy Ion Multidetector for a Complementary Approach to the Neutrinoless Double Beta Decay. Universe, 2020, 6, 129.	2.5	26
35	Neutron radiation effects on an electronic system on module. Review of Scientific Instruments, 2020, 91, 083301.	1.3	7
36	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

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37	Spin-dipole nuclear matrix element for the double beta decay of $^{76}\text{Ge}$ by the $^3\text{He}$ , $t$ charge-exchange reaction. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 05LT01.	3.6	7
38	Be9+p breakup at 5.67A MeV in a full kinematics approach. Physical Review C, 2020, 101, .	2.9	7
39	Global study of $^9\text{Be} + p$ breakup at $^9\text{Be}$ on a proton target at 5.6 MeV/nucleon. Journal of Physics: Conference Series, 2020, 1643, 012102.	2.9	6
40	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.	0.4	0
41	Transfer to the continuum of $^{11}\text{Be}$ with the application of ab-initio S-matrix. Journal of Physics: Conference Series, 2020, 1643, 012119.	0.4	0
42	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
43	Study of the $(^{\text{Li}}+p)$ and $(^{\text{Li}}+p)$ Systems in the Continuum Discretized Coupled Channels Approach. Acta Physica Polonica B, 2020, 51, 737.	0.8	0
44	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
45	Background estimate in heavy-ion two-body reactions measured by the MAGNEX spectrometer. Journal of Physics: Conference Series, 2020, 1643, 012019.	0.4	0
46	Application of an ab initio S-matrix to data analysis of transfer reactions to the continuum populating $^9\text{Be}$ on $^{16}\text{O}$ . Physical Review C, 2019, 100, .	2.9	12
47	Recent results on heavy-ion induced reactions of interest for $^{16}\text{O} + ^{16}\text{O}$ decay. Journal of Physics: Conference Series, 2019, 1308, 012002.	2.9	16
48	Recent results on heavy-ion induced reactions of interest for $^{16}\text{O} + ^{16}\text{O}$ decay. Journal of Physics: Conference Series, 2019, 1308, 012002.	0.4	0
49	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2019, , .	0.4	1
50	New experimental campaign of NUMEN project. AIP Conference Proceedings, 2019, , .	0.4	0
51	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2019, , .	0.4	0
52	Heavy ion charge exchange reactions as probes for nuclear $^{76}\text{Ge}$ -decay. Progress in Particle and Nuclear Physics, 2019, 109, 103716.	14.4	74
53	Heavy ion charge exchange reactions as probes for nuclear $^{76}\text{Ge}$ elastic and inelastic scattering at 306 MeV. Physical Review C, 2019, 100, .	2.9	36
54	Charge-state distributions of $^{20}\text{Ne}$ ions emerging from thin foils. Results in Physics, 2019, 13, 102191.	4.1	22

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55	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
56	Study of continuum excitation by light weakly bound projectiles on proton target. EPJ Web of Conferences, 2019, 223, 01058.	0.3	0
57	Giant Pairing Vibrations in light nuclei. European Physical Journal A, 2019, 55, 1.	2.5	10
58	Role of correlations in two-neutron transfer reactions. EPJ Web of Conferences, 2019, 223, 01035.	0.3	0
59	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, .	1.9	7
60	A Microscopic Approach for ${}^9\text{Be}$ at Energies Between 1.7 to 15 MeV/nucleon. Acta Physica Polonica B, 2019, 50, 1547.	0.8	4
61	Two-Neutron Transfer in the ${}^{18}\text{O} + {}^{28}\text{Si}$ System. Springer Proceedings in Physics, 2019, , 181-183.	0.2	0
62	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
63	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
64	Analysis of pairing correlations in neutron transfer reactions and comparison to the constrained molecular dynamics model. Physical Review C, 2018, 97, .	2.9	19
65	The nuclear matrix elements of $0^+_1 \rightarrow 2^+_1$ decay and the NUMEN project at INFN-LNS. EPJ Web of Conferences, 2018, 194, 02001.	0.3	1
66	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
67	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
68	Data reduction for experimental measurements within the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012010.	0.4	0
69	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.	0.3	2
70	Pulse Shape Discrimination with EJ299 scintillators. Journal of Physics: Conference Series, 2018, 966, 012064.	0.4	1
71	Focal plane detector optical readout. Journal of Physics: Conference Series, 2018, 1056, 012023.	0.4	0
72	Short-range (pairing) versus long-range (collective) correlations in two-neutron transfer reactions induced by ${}^{18}\text{O}$ . Journal of Physics: Conference Series, 2018, 1056, 012035.	0.4	0

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73	<p>Article of the one-neutron transfer to <math>^{16}\text{O}</math> and <math>^{28}\text{Si}</math> in the <math>^{18}\text{O} + ^{16}\text{O}</math> collision at 84 MeV. <i>Physical Review C</i>, 2018, 97, 014607.</p>	2.9	21
74	A new measurement of the direct alpha-decay width of the Hoyle state in $^{12}\text{C}$ . <i>AIP Conference Proceedings</i> , 2018, , .	0.4	1
75	Nuclear structure studies performed using the $(^{18}\text{O},^{16}\text{O})$ two-neutron transfer reactions. <i>Journal of Physics: Conference Series</i> , 2018, 966, 012016.	0.4	0
76	Measuring nuclear reaction cross sections to extract information on neutrinoless double beta decay. <i>Journal of Physics: Conference Series</i> , 2018, 966, 012021.	0.4	1
77	The Front-end for the new focal plane detector for the NUMEN project. <i>Journal of Physics: Conference Series</i> , 2018, 1056, 012007.	0.4	0
78	Experimental challenges in the measurement of double charge exchange reactions within the NUMEN project. <i>Journal of Physics: Conference Series</i> , 2018, 1078, 012008.	0.4	1
79	SiC "Silicon Carbide Detectors for Intense Luminosity Investigations and Applications. <i>Sensors</i> , 2018, 18, 2289.	3.8	51
80	Experimental issues for the measurement of the double charge exchange reactions within the NUMEN project. <i>Journal of Physics: Conference Series</i> , 2018, 1056, 012011.	0.4	0
81	Heavy-ion particle identification for the transfer reaction channels for the system $^{18}\text{O} + ^{116}\text{Sn}$ under the NUMEN Project. <i>Journal of Physics: Conference Series</i> , 2018, 1056, 012015.	0.4	0
82	Challenges for high rate signal processing for the NUMEN experiment. <i>Journal of Physics: Conference Series</i> , 2018, 1056, 012034.	0.4	5
83	New spectrometer projects for challenging particle-gamma measurements of nuclear reactions. <i>Journal of Physics: Conference Series</i> , 2018, 1056, 012040.	0.4	8
84	Important role of projectile excitation in $^{16}\text{O} + ^{60}\text{Ni}$ collision at 84 MeV. <i>Physical Review C</i> , 2018, 97, 014607.	2.9	36
85	Silicon Carbide detectors for nuclear physics experiments at high beam luminosity. <i>Journal of Physics: Conference Series</i> , 2018, 1056, 012032.	0.4	3
86	The NUMEN project: NUclear Matrix Elements for Neutrinoless double beta decay. <i>European Physical Journal A</i> , 2018, 54, 1.	2.5	146
87	Competition between direct and sequential two-neutron transfers in the $^{18}\text{O} + ^{64}\text{Ni}$ collision at 84 MeV. <i>Physical Review C</i> , 2018, 97, 014607.	2.9	36
88	First Measurement of the $^{116}\text{Cd} + ^{20}\text{Ne} + ^{116}\text{Sn}$ Reaction at 15, \$A\$, MeV. <i>Acta Physica Polonica B</i> , 2018, 49, 275.	0.8	37
89	Study of the $^{18}\text{O} + ^{64}\text{Ni}$ Two-neutron Transfer Reaction at 84 MeV by MAGNEX. <i>Acta Physica Polonica B</i> , 2018, 49, 381.	0.8	0
90	Microscopic Cluster Model for the Description of $(^{18}\text{O}, ^{16}\text{O})$ Two-neutron Transfer Reactions. <i>Acta Physica Polonica B</i> , 2018, 49, 373.	0.8	0

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91	Investigation of the Li10 shell inversion by neutron continuum transfer reaction. Physical Review Letters, 2017, 118, 012701. Microscopic cluster model for the description of new experimental results on the $C$	7.8	30
92			

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109	Study of nuclear reactions in laser plasmas at future ELI-NP facility. EPJ Web of Conferences, 2016, 117, 05008.	0.3	3
110	Neutron decay of the Giant Pairing Vibration in $^{15}\text{C}$ . Journal of Physics: Conference Series, 2016, 724, 012006.	0.4	0
111	Interplay of the elastic and inelastic channels in the $^{16}\text{O}+^{27}\text{Al}$ scattering at $E_{\text{lab}} = 280$ MeV. European Physical Journal A, 2016, 52, 1.	2.5	25
112	The nuclear matrix elements of $0^+ \frac{1}{2} \rightarrow 2^+$ decay and the NUMEN project at INFN-LNS. EPJ Web of Conferences, 2016, 117, 10003.	0.3	2
113	The MAGNEX spectrometer: Results and perspectives. European Physical Journal A, 2016, 52, 1.	2.5	120
114	A mini-phoswich scintillator as a possible stop detector for the NUMEN project. Results in Physics, 2016, 6, 863-865.	4.1	18
115	Silicon carbide detectors study for NUMEN project. EPJ Web of Conferences, 2016, 117, 10006.	0.3	27
116	Probing the cluster structure of $^7\text{Li}$ via elastic scattering on protons and deuterons in inverse kinematics. Physical Review C, 2016, 94, 024607.	2.9	16
117			



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127	Multipolarity analysis for $^{14}\text{C}$ high-energy resonance populated by $(^{18}\text{O},^{16}\text{O})$ two-neutron transfer reaction. AIP Conference Proceedings, 2015, , .	0.4	0
128	Exploring the $^{10}\text{Li}$ structure by the $d(^{9}\text{Li},p)^{10}\text{Li}$ transfer reaction. Journal of Physics: Conference Series, 2015, 590, 012037.	0.4	2
129	The $d(^{9}\text{Li},p)^{10}\text{Li}$ reaction as a tool to explore the $^{10}\text{Li}$ structure. Journal of Physics: Conference Series, 2015, 630, 012019.	0.4	1
130	Exploring the $^{12}\text{C}(^{18}\text{O},^{16}\text{O})^{14}\text{C}$ two-neutron transfer reaction at energies far above the Coulomb barrier. Journal of Physics: Conference Series, 2015, 590, 012030.	0.4	3
131	The role of nuclear reactions in the problem of $^{13}\text{C}$ decay and the NUMEN project at INFN-LNS. Journal of Physics: Conference Series, 2015, 630, 012018.	0.4	47
132	Heavy Ions Double Charge Exchange reactions: towards the $^{13}\text{C}$ Nuclear Matrix Element determination. Nuclear and Particle Physics Proceedings, 2015, 265-266, 28-30.	0.5	44
133	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.	2.5	10
134	Signatures of the Giant Pairing Vibration in the $^{14}\text{C}$ and $^{15}\text{C}$ atomic nuclei. Nature Communications, 2015, 6, 6743.	12.8	86
135	Heavy-ion double charge exchange reactions: A tool toward $\alpha$ nuclear matrix elements. European Physical Journal A, 2015, 51, 1.	2.5	118
136	New structures in the continuum of light nuclei populated by two-neutron transfer reactions. EPJ Web of Conferences, 2014, 66, 03015.	0.3	3
137	Fragmentation cross sections at intermediate energies for hadrontherapy and space radiation protection. EPJ Web of Conferences, 2014, 66, 10004.	0.3	0
138	Alpha Cluster Structure in $^{16}\text{O}$ . EPJ Web of Conferences, 2014, 66, 02093.	0.3	1
139	Effects of configuration mixing in heavy-ion elastic scattering. EPJ Web of Conferences, 2014, 66, 03067.	0.3	2
140	First application of the $^9\text{Be}$ optical potential to the study of the $^{10}\text{Be}$ continuum via the $(^{18}\text{O},^{17}\text{O})$ neutron-transfer reaction. Physical Review C, 2014, 90, .	2.9	30
141	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
142	The Continuum of $^{11}\text{Be}$ Populated by the $(^{18}\text{O},^{16}\text{O})$ Two-neutron Transfer Reaction. Acta Physica Polonica B, 2014, 45, 431.	0.8	7
143	High Excitation Energy Modes in $^{118}\text{Sn}$ Populated by the $^{120}\text{Sn}(p,t)^{118}\text{Sn}$ Reaction at 35 MeV. Acta Physica Polonica B, 2014, 45, 437.	0.8	5
144	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

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145	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
146	(18O,18Ne) double charge-exchange with MAGNEX. , 2014, , .		6
147	Two-neutron stripping in (18O, 16O) and (t,p) reactions. , 2014, , .		1
148	The (18O, 16O) reaction as a probe for nuclear spectroscopy. , 2014, , .		1
149	16O resonances near $4\hat{1}\pm$ threshold through $^{12}\text{C}(6\text{Li},d)$ reaction. , 2014, , .		0
150	16O resonances near the $4\hat{1}\pm$ threshold through the $^{12}\text{C}(6\text{Li},d)$ reaction. Physical Review C, 2014, 89, .	2.9	8
151	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
152	Transfer to the continuum of $^{14}\text{C}$ via (18O, 16O) reaction. Bulletin of the Russian Academy of Sciences: Physics, 2014, 78, 607-610.	0.6	1
153	Study of new resonances at high excitation energy by the $^{120}\text{Sn}(p,t)^{118}\text{Sn}$ reaction at 35 MeV. Bulletin of the Russian Academy of Sciences: Physics, 2014, 78, 588-590.	0.6	0
154	A broad angular-range measurement of elastic and inelastic scatterings in the $^{16}\text{O}$ on $^{27}\text{Al}$ reaction at 17.5 MeV/u. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 763, 314-319.	1.6	50
155	Interference effects between direct and sequential processes in the (18O,16O) reaction. EPJ Web of Conferences, 2014, 66, 03017.	0.3	4
156	Resonant states in $^{13}\text{C}$ and $^{16,17}\text{O}$ at high excitation energy. Journal of Physics: Conference Series, 2014, 569, 012067.	0.4	1
157	The (18O,16O) reaction: a bridge from direct to dissipative dynamics. Journal of Physics: Conference Series, 2014, 515, 012003.	0.4	3
158	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
159	Nuclear fragmentation measurements for hadrontherapy and space radiation protection. , 2013, , .		0
160	Spectroscopy of $^{13}\text{B}$ via the $(^{18}\text{O}, ^{16}\text{O})$ reaction. Journal of Physics: Conference Series, 2013, 44, 657.	0.8	10
161	Study of the rainbow-like pattern in the elastic scattering of $^{16}\text{O}$ on $^{27}\text{Al}$ at $E_{\text{lab}} = 100$ MeV. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 105101. Quantitative analysis of two-neutron correlations in the $^{16}\text{O}+^{27}\text{Al}$ system.	3.6	35
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163	FIRST experiment: Fragmentation of Ions Relevant for Space and Therapy. Journal of Physics: Conference Series, 2013, 420, 012061.	0.4	9
164	The ( <sup>18</sup> O, <sup>16</sup> O) two-neutron transfer reaction at 84 MeV. Journal of Physics: Conference Series, 2013, 420, 012048.	0.4	0
165	Effects of the polarization potential on the classical elastic scattering trajectories of <sup>16</sup> O + <sup>27</sup> Al at 100 MeV., 2013, , .		1
166	Quasi-bound alpha resonant states populated by the <sup>12</sup> C( <sup>6</sup> Li,d) reaction. , 2013, , .		0
167	( <sup>18</sup> O, <sup>16</sup> O) Two-neutron transfer reactions for spectroscopic studies. , 2013, , .		1
168	The role of couplings in nuclear rainbow formation at energies far above the barrier. , 2012, , .		2
169	The KENTROS detector for identification and kinetic energy measurements of nuclear fragments at polar angles between 5 and 90 degrees. , 2012, , .		0
170	States of <sup>14</sup> C and <sup>15</sup> C via the ( <sup>18</sup> O, <sup>16</sup> O) two-neutron transfer reaction at 84 MeV. Journal of Physics: Conference Series, 2012, 381, 012094.	0.4	1
171	Nuclear rainbow in the <sup>16</sup> O+ <sup>27</sup> 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
172	New structures in the continuum of <sup>15</sup> C populated by two-neutron transfer. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 711, 347-352.	4.1	36
173	The low-pressure focal plane detector of the MAGNEX spectrometer. European Physical Journal A, 2012, 48, 1.	2.5	89
174	Universal algorithm for the analysis of charge distributions in segmented electrodes of gas detectors. European Physical Journal A, 2012, 48, 1.	2.5	28
175	Two-Neutron Excitations in light nuclei via the ( <sup>18</sup> O, <sup>16</sup> O) reaction at 84 MeV. Journal of Physics: Conference Series, 2011, 312, 092020.	0.4	2
176	Enhancement of the two neutron transfer channel in <sup>18</sup> O induced reactions at 84 MeV. Journal of Physics: Conference Series, 2011, 312, 082016.	0.4	26
177	Alpha Resonant States in [ <sup>13</sup> C]. , 2011, , .		5
178	Transport efficiency in large acceptance spectrometers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 637, 77-87.	1.6	69
179	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
180	Challenging measurement of the <sup>16</sup> O+ <sup>27</sup> 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

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181	RESONANCES EXCITED BY THE ${}^9\text{Be}({}^6\text{Li},\text{d}){}^{13}\text{C}$ REACTION. International Journal of Modern Physics E, 2011, 20, 1018-1021.	1.0	6
182	Preliminary Study of Two-Neutron States via the $({}^{18}\text{O},{}^{16}\text{O})$ Reaction at 84 MeV. , 2011, , .		4
183	Alpha Resonances in ${}^{13}\text{C}$ Excited by the ${}^9\text{Be}({}^6\text{Li},\text{d})$ Reaction. , 2010, , .		4
184	First results and planned experiments with the INFN-LNS ray-tracing magnetic spectrometer MAGNEX. , 2010, , .		1
185	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
186	The MAGNEX large acceptance spectrometer. , 2010, , .		4
187	Study of the ${}^{19}\text{O}$ states via the $({}^7\text{Li},{}^7\text{Be})$ reaction at 52 MeV. AIP Conference Proceedings, 2010, , .	0.4	1
188	States of ${}^{15}\text{C}$ via the $({}^{18}\text{O},{}^{16}\text{O})$ reaction. AIP Conference Proceedings, 2010, , .	0.4	0
189	Digital signal processing applied to the position start detector of the MAGNEX spectrometer. , 2009, , .		0
190	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
191	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
192	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
193	Digital Pulse Shape Acquisition From the Focal Plane Detector of MAGNEX Spectrometer. IEEE Transactions on Nuclear Science, 2008, 55, 3563-3570.	2.0	18
194	First Results from The MAGNEX Large Acceptance Spectrometer. , 2008, , .		1
195	Exploring Light Neutron Rich Nuclei via the $({}^7\text{Li},{}^7\text{Be})$ Reaction. , 2008, , .		1
196	Field simulations for large dipole magnets. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 570, 192-204.	1.6	29
197	Commissioning of the MAGNEX large-acceptance spectrometer. European Physical Journal: Special Topics, 2007, 150, 343-346.	2.6	30
198	Core excited Fano-resonances in exotic nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 633, 469-473.	4.1	31

#	ARTICLE	IF	CITATIONS
199	Exploring the $N^{\pm} + 3n$ light nuclei via the $(7\text{Li}, 7\text{Be})$ reaction. European Physical Journal A, 2006, 27, 283-288.	2.5	8
200	Digital Signal Processing for Magnex Spectrometer: Preliminary Results. , 2006, , .		0
201	Exploring the $N^{\pm} + 3n$ light nuclei via the $(7\text{Li}, 7\text{Be})$ reaction. , 2006, , 283-288.		1
202	NEW LINES OF RESEARCH WITH THE MAGNEX LARGE-ACCEPTANCE SPECTROMETER. , 2005, , .		0
203	Excited states of $^{15}\text{C}$ . Europhysics Letters, 2004, 65, 766-772.	2.0	22
204	Analysis of the $^{11}\text{B}(7\text{Li}, 7\text{Be})^{11}\text{Be}$ reaction at $57\text{ MeV}$ in a microscopic approach. Nuclear Physics A, 2004, 739, 30-56.	1.5	40
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