

Diana Carbone

List of Publications by Year in descending order

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174
papers

2,923
citations

136950

32
h-index

197818

49
g-index

175
all docs

175
docs citations

175
times ranked

680
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 Quantitative analysis of two-neutron correlations in the $\langle \text{mml:math display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle$	12.8	86

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#	ARTICLE	IF	CITATIONS
19	Signals of the Giant Pairing Vibration in ^{14}C and ^{15}C nuclei populated by $(^{18}\text{O},^{16}\text{O})$ two-neutron transfer reactions. European Physical Journal Plus, 2015, 130, 1.	2.6	43
20	Analysis of two-nucleon transfer reactions in the $^{116}\text{Cd} + ^{116}\text{Cd}$ system at 306 MeV. Physical Review C, 2017, 95, 044607.	2.9	42
21	Neutron decay of ^{116}Cd resonances by measurements of neutron time-of-flight. Physical Review C, 2016, 93, 044607.	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 $^{16}\text{O} + ^{27}\text{Al}$ 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
25	Neutron decay of ^{116}Cd resonances by measurements of neutron time-of-flight. Physical Review C, 2016, 93, 044607.	2.9	38
26	First Measurement of the $^{116}\text{Cd} + ^{116}\text{Sn}$ Reaction at 15 MeV. Acta Physica Polonica B, 2018, 49, 275.	0.8	37
27	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
28	Competition between direct and sequential two-neutron transfers in the $^{116}\text{Cd} + ^{116}\text{Cd}$ collision at 84 MeV. Physical Review C, 2017, 95, 044607.	2.9	36
29	Competition between direct and sequential two-neutron transfers in the $^{116}\text{Cd} + ^{116}\text{Cd}$ collision at 84 MeV. Physical Review C, 2017, 95, 044607.	2.9	36
30	Study of the rainbow-like pattern in the elastic scattering of ^{16}O on ^{27}Al at $E_{\text{lab}} = 100$ MeV. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 105101.	3.6	35
31	The MAGNEX magnetic spectrometer for double charge exchange reactions. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 334-338.	1.4	35
32	Total reaction cross sections for $^{8}\text{Li} + ^{90}\text{Zr}$ at near-barrier energies. European Physical Journal A, 2015, 51, 1.	2.5	33
33	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. Frontiers in Astronomy and Space Sciences, 2021, 8, .	2.8	32
34	First application of the ^{9}Be optical potential to the study of the ^{10}Be continuum via the $(^{18}\text{O},^{17}\text{O})$ neutron-transfer reaction. Physical Review C, 2014, 90, .	2.9	30
35	Investigation of the ^{10}Li shell inversion by neutron continuum transfer reaction. Physical Review Letters, 2017, 118, 012701.	7.8	30
36	Analysis of two-proton transfer in the $^{40}\text{Ca} + ^{40}\text{Ca}$ reaction. Physical Review C, 2017, 95, 044607.		

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37	Initial State Interaction for the $^{20}\text{Ne} + ^{130}\text{Te}$ and $^{18}\text{O} + ^{116}\text{Sn}$ Systems at 15.3 A MeV from Elastic and Inelastic Scattering Measurements. <i>Universe</i> , 2021, 7, 58.	2.5	29
38	Universal algorithm for the analysis of charge distributions in segmented electrodes of gas detectors. <i>European Physical Journal A</i> , 2012, 48, 1.	2.5	28
39	Silicon carbide detectors study for NUMEN project. <i>EPJ Web of Conferences</i> , 2016, 117, 10006.	0.3	27
40	One-proton transfer reaction for the $^{18}\text{O} + ^{48}\text{Ca}$ system at 275 MeV. <i>Physical Review C</i> , 2021, 104, .	2.9	27
41	A NEW COOLING TECHNIQUE FOR TARGETS OPERATING UNDER VERY INTENSE BEAMS. , 2017, , .		27
42	Enhancement of the two neutron transfer channel in ^{18}O induced reactions at 84 MeV. <i>Journal of Physics: Conference Series</i> , 2011, 312, 082016.	0.4	26
43	The NUMEN Heavy Ion Multidetector for a Complementary Approach to the Neutrinoless Double Beta Decay. <i>Universe</i> , 2020, 6, 129.	2.5	26
44	Interplay of the elastic and inelastic channels in the $^{16}\text{O} + ^{27}\text{Al}$ scattering at $E_{\text{lab}} = 280$ MeV. <i>European Physical Journal A</i> , 2016, 52, 1.	2.5	25
45	$^{16}\text{O} + ^{60}\text{Ni}$ and $^{16}\text{O} + ^{60}\text{Zn}$ reactions: Multichannel experimental and theoretical constraints for the $^{16}\text{O} + ^{60}\text{Ni}$ reaction. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 980, 164500.		
46	Analysis of the background on cross section measurements with the MAGNEX spectrometer: The (^{20}Ne , 200) Double Charge Exchange case. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 980, 164500.	1.6	24
47	The NUMEN Project: Toward New Experiments with High-Intensity Beams. <i>Universe</i> , 2021, 7, 72.	2.5	23
48	Charge-state distributions of ^{20}Ne ions emerging from thin foils. <i>Results in Physics</i> , 2019, 13, 102191.	4.1	22
49	Multichannel experimental and theoretical constraints for the $^{16}\text{O} + ^{60}\text{Ni}$ reaction. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 980, 164500.		

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55	Analysis of pairing correlations in neutron transfer reactions and comparison to the constrained molecular dynamics model. Physical Review C, 2018, 97, . Breakup of Li_6+p at near-barrier energies and the effect on elastic scattering. Physical Review C, 2017, 95, .	2.9	19
56	Breakup of Li_6+p at near-barrier energies and the effect on elastic scattering. Physical Review C, 2017, 95, .	2.9	19
57	Analysis of pairing correlations in neutron transfer reactions and comparison to the constrained molecular dynamics model. Physical Review C, 2018, 97, .	2.9	19
58	reactions on Ca -induced single-nucleon transfer	2.9	19
59	A mini-photoswich scintillator as a possible stop detector for the NUMEN project. Results in Physics, 2016, 6, 863-865.	4.1	18
60	The NUMEN Project: An Update of the Facility Toward the Future Experimental Campaigns. Frontiers in Astronomy and Space Sciences, 2021, 8, .	2.8	18
61	Probing the cluster structure of Li_7 via elastic scattering on protons and deuterons in inverse kinematics. Physical Review C, 2016, 94, .	2.9	16
62	Exclusive breakup of Li_7 incident on a proton target at 5.44A MeV. Physical Review C, 2017, 95, .	2.9	16
63	on Se elastic and	2.9	16
64	elastic and	2.9	16
65	elastic and	2.9	16
66	collisions at	2.9	12
67	Application of an S matrix to data analysis of transfer reactions to the continuum populating Be	2.9	12
68	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
69	Study of the $6Li + p \rightarrow 3He + 4He$ reaction in inverse kinematics. European Physical Journal A, 2015, 51, 1.	2.5	10
70	Giant Pairing Vibrations in light nuclei. European Physical Journal A, 2019, 55, 1.	2.5	10
71	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
72	Spectroscopy of ^{13}B via the $^{18}O, ^{16}O$ reactions. Physical Review C, 2013, 88, 054607.	0.8	62

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91	Interference effects between direct and sequential processes in the (18O,16O) reaction. EPJ Web of Conferences, 2014, 66, 03017.	0.3	4
92	Proton inelastic scattering in inverse kinematics as a mean for determining decay rates in continuum: The $^9\text{Be} + ^4\text{He} + p$ case. Nuclear Physics A, 2021, 1008, 122155.	1.5	4
93	New structures in the continuum of light nuclei populated by two-neutron transfer reactions. EPJ Web of Conferences, 2014, 66, 03015.	0.3	3
94	The (18O,16O) reaction: a bridge from direct to dissipative dynamics. Journal of Physics: Conference Series, 2014, 515, 012003.	0.4	3
95	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
96	Measurement of the stopping power for ^{16}O in ^4He gas. Nuclear Instruments & Methods in Physics Research B, 2016, 389-390, 1-4.	1.4	3
97	A new high-precision upper limit of direct \hat{I}^\pm -decays from the Hoyle state in ^{12}C . EPJ Web of Conferences, 2017, 165, 01020.	0.3	3
98	Silicon Carbide detectors for nuclear physics experiments at high beam luminosity. Journal of Physics: Conference Series, 2018, 1056, 012032.	0.4	3
99	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
100	Two-Neutron Excitations in light nuclei via the ($^{18}\text{O}, ^{16}\text{O}$) reaction at 84 MeV. Journal of Physics: Conference Series, 2011, 312, 092020.	0.4	2
101	The role of couplings in nuclear rainbow formation at energies far above the barrier. , 2012, , .		2
102	Effects of configuration mixing in heavy-ion elastic scattering. EPJ Web of Conferences, 2014, 66, 03067.	0.3	2
103	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
104	Elastic scattering for the system $^6\text{Li} + p$ at near barrier energies with MAGNEX. , 2015, , .		2
105	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
106	The nuclear matrix elements of $0^+ \rightarrow 2^+$ decay and the NUMEN project at INFN-LNS. EPJ Web of Conferences, 2016, 117, 10003.	0.3	2
107	The \hat{I}^\pm -decay of the Hoyle state in ^{12}C : a new high-precision investigation. EPJ Web of Conferences, 2018, 184, 01005.	0.3	2
108	First Results from The MAGNEX Large Acceptance Spectrometer. , 2008, , .		1

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109	First results and planned experiments with the INFN-LNS ray-tracing magnetic spectrometer MAGNEX. , 2010, , .		1
110	Study of the [¹⁹ O] states via the ([⁷ Li],[⁷ Be) reaction at 52 MeV. AIP Conference Proceedings, 2010, , .	0.4	1
111	States of ¹⁴ C and ¹⁵ C via the (¹⁸ O, ¹⁶ O) two-neutron transfer reaction at 84 MeV. Journal of Physics: Conference Series, 2012, 381, 012094.	0.4	1
112	Effects of the polarization potential on the classical elastic scattering trajectories of ¹⁶ O + ²⁷ Al at 100 MeV. , 2013, , .		1
113	Alpha Cluster Structure in ¹⁶ O. EPJ Web of Conferences, 2014, 66, 02093.	0.3	1
114	Two-neutron stripping in (¹⁸ O, ¹⁶ O) and (t,p) reactions. , 2014, , .		1
115	The (¹⁸ O, ¹⁶ O) reaction as a probe for nuclear spectroscopy. , 2014, , .		1
116	Selectivity of the ¹² C(¹⁸ O, ¹⁶ O) ¹⁴ C reaction. Bulletin of the Russian Academy of Sciences: Physics, 2014, 78, 605-606.	0.6	1
117	Transfer to the continuum of ¹⁴ C via (¹⁸ O, ¹⁶ O) reaction. Bulletin of the Russian Academy of Sciences: Physics, 2014, 78, 607-610.	0.6	1
118	Resonant states in ¹³ C and ^{16,17} O at high excitation energy. Journal of Physics: Conference Series, 2014, 569, 012067.	0.4	1
119	NUMEN Project @ LNS : Heavy ions double charge exchange reactions towards the $0^{\pi}_{1/2} 2^{\pi}_{1/2}$ nuclear matrix element determination. AIP Conference Proceedings, 2015, , .	0.4	1
120	The d(⁹ Li,p) ¹⁰ Li reaction as a tool to explore the ¹⁰ Li structure. Journal of Physics: Conference Series, 2015, 630, 012019.	0.4	1
121	The nuclear matrix elements of $0^{\pi}_{1/2} 2^{\pi}_{1/2}$ decay and the NUMEN project at INFN-LNS. Journal of Physics: Conference Series, 2016, 730, 012006.	0.4	1
122	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2017, , .	0.4	1
123	The nuclear matrix elements of $0^{\pi}_{1/2} 2^{\pi}_{1/2}$ decay and the NUMEN project at INFN-LNS. EPJ Web of Conferences, 2018, 194, 02001.	0.3	1
124	Pulse Shape Discrimination with EJ299 scintillators. Journal of Physics: Conference Series, 2018, 966, 012064.	0.4	1
125	A new measurement of the direct alpha-decay width of the Hoyle state in ¹² C. AIP Conference Proceedings, 2018, , .	0.4	1
126	Measuring nuclear reaction cross sections to extract information on neutrinoless double beta decay. Journal of Physics: Conference Series, 2018, 966, 012021.	0.4	1

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127	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
128	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2019, , .	0.4	1
129	Upgrade of the MAGNEX spectrometer toward the high-intensity phase of NUMEN. EPJ Web of Conferences, 2021, 252, 03003.	0.3	1
130	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
131	($^{18}\text{O},>^{16}\text{O}$) Two-neutron transfer reactions for spectroscopic studies. , 2013, , .		1
132	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
133	States of ^{15}C via the ($^{18}\text{O},^{16}\text{O}$) reaction. AIP Conference Proceedings, 2010, , .	0.4	0
134	The KENTROS detector for identification and kinetic energy measurements of nuclear fragments at polar angles between 5 and 90 degrees. , 2012, , .		0
135	Nuclear fragmentation measurements for hadrontherapy and space radiation protection. , 2013, , .		0
136	The ($^{18}\text{O},^{16}\text{O}$) two-neutron transfer reaction at 84 MeV. Journal of Physics: Conference Series, 2013, 420, 012048.	0.4	0
137	Fragmentation cross sections at intermediate energies for hadrontherapy and space radiation protection. EPJ Web of Conferences, 2014, 66, 10004.	0.3	0
138	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
139	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
140	^{10}Li low-lying resonances populated by one-neutron transfer. AIP Conference Proceedings, 2015, , .	0.4	0
141	Multipolarity analysis for ^{14}C high-energy resonance populated by ($^{18}\text{O},^{16}\text{O}$) two-neutron transfer reaction. AIP Conference Proceedings, 2015, , .	0.4	0
142	Extracting the cross section angular distributions for ^{15}C high-energy resonance excited via the ($^{18}\text{O},^{16}\text{O}$) two-neutron transfer reaction. EPJ Web of Conferences, 2016, 117, 04004.	0.3	0
143	Preliminary study of the ^{10}Li nucleus via one-neutron transfer. EPJ Web of Conferences, 2016, 117, 06009.	0.3	0
144	The Giant Pairing Vibration in Carbon isotopes. Journal of Physics: Conference Series, 2016, 730, 012007.	0.4	0

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145	NUMEN Project @ LNS : Heavy Ions Double Charge Exchange as a tool towards the $0^{\frac{1}{2}}_i^{-} 2^{\frac{1}{2}}_i^{-}$ Nuclear Matrix Element. Journal of Physics: Conference Series, 2016, 724, 012001.	0.4	0
146	Neutron decay of the Giant Pairing Vibration in ^{15}C . Journal of Physics: Conference Series, 2016, 724, 012006.	0.4	0
147	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
148	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
149	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
150	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
151	Data reduction for experimental measurements within the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012010.	0.4	0
152	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
153	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
154	The Front-end for the new focal plane detector for the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012007.	0.4	0
155	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
156	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
157	Recent results on Heavy-Ion induced reactions of interest for $0^{\frac{1}{2}}_i^{-} 2^{\frac{1}{2}}_i^{-}$ decay. Journal of Physics: Conference Series, 2019, 1308, 012002.	0.4	0
158	New experimental campaign of NUMEN project. AIP Conference Proceedings, 2019, , .	0.4	0
159	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2019, , .	0.4	0
160	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
161	Study of continuum excitation by light weakly bound projectiles on proton target. EPJ Web of Conferences, 2019, 223, 01058.	0.3	0
162	Role of correlations in two-neutron transfer reactions. EPJ Web of Conferences, 2019, 223, 01035.	0.3	0

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163	New Results from the NUMEN Project. , 2020, , .		0
164	Recent results on heavy-ion direct reactions of interest for $0^{\uparrow 1/2} 2^{\uparrow 2} 2^{\uparrow 2}$ decay at INFN - LNS. Journal of Physics: Conference Series, 2020, 1610, 012004.	0.4	0
165	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
166	Recent experimental activity on heavy-ion induced reactions within the NUMEN project. EPJ Web of Conferences, 2021, 252, 04001.	0.3	0
167	Collective Excitations in the ^{14}C Nucleus Populated by the $^{12}\text{C}(^{18}\text{O}, ^{16}\text{O})$ Reaction at 84 MeV. Acta Physica Polonica B, 2016, 47, 937.	0.8	0
168	Using Double Charge Exchange Reactions Towards $^{\text{O}}\eta\eta$ Nuclear Matrix Elements. Acta Physica Polonica B, 2016, 47, 929.	0.8	0
169	Study of the $^{18}\text{O} + ^{64}\text{Ni}$ Two-neutron Transfer Reaction at 84 MeV by MAGNEX. Acta Physica Polonica B, 2018, 49, 381.	0.8	0
170	Microscopic Cluster Model for the Description of $(^{18}\text{O}, ^{16}\text{O})$ Two-neutron Transfer Reactions. Acta Physica Polonica B, 2018, 49, 373.	0.8	0
171	Two-Neutron Transfer in the $^{18}\text{O} + ^{28}\text{Si}$ System. Springer Proceedings in Physics, 2019, , 181-183.	0.2	0
172	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
173	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
174	Background estimate in heavy-ion two-body reactions measured by the MAGNEX spectrometer. Journal of Physics: Conference Series, 2020, 1643, 012019.	0.4	0