Manuela Cavallaro

List of Publications by Year
in descending order

197	3,188	134610	214428
papers	citations	34 h-index	50 g-index

198	198	198	775
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Proton-coupled electron transfer in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Cd</mml:mi><mml:mprescripts /><mml:none		

#	Article	IF	Citations
19	Recent experimental activity on heavy-ion induced reactions within the NUMEN project. EPJ Web of Conferences, 2021, 252, 04001.	0.1	0
20	Study of the 4He(4He,4He)4He* inelastic scattering at the MAGNEX facility. EPJ Web of Conferences, 2021, 252, 04007.	0.1	1
21	<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>Se</mml:mi><mml:mprescripts /><mml:none /><mml:mn>76</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> elastic and inelastic scattering at 275 MeV. Physical Review C, 2021, 104, .	1.1	16
22	The NUMEN Technical Design Report. International Journal of Modern Physics A, 2021, 36, .	0.5	21
23	<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> -induced single-nucleon transfer reactions on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Ca</mml:mi><mml:mprescripts /><mml:none /><mml:mn>40</mml:mn></mml:mmultiscripts></mml:math> at <mml:math xmlns:mml="ht	1.1	19
24	The MAGNEX magnetic spectrometer for double charge exchange reactions. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 334-338.	0.6	35
25	New Results from the NUMEN Project. , 2020, , .		0
26	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, 2020, 102, .	1.1	42
27	Nuclear Response to Second-Order Isospin Probes in Connection to Double Beta Decay. Universe, 2020, 6, 217.	0.9	6
28	Analysis of the background on cross section measurements with the MAGNEX spectrometer: The (20Ne, 20O) Double Charge Exchange case. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 980, 164500.	0.7	24
29	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.	1.0	10
30	Recent results on heavy-ion direct reactions of interest for 0Î½Î²Î² decay at INFN - LNS. Journal of Physics: Conference Series, 2020, 1610, 012004.	0.3	0
31	The NUMEN Heavy Ion Multidetector for a Complementary Approach to the Neutrinoless Double Beta Decay. Universe, 2020, 6, 129.	0.9	26
32	First comparison of GEANT4 hadrontherapy physics model with experimental data for a NUMEN project reaction case. European Physical Journal A, 2020, 56, 1.	1.0	10
33	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.	1.4	7
34	Be9+p breakup at 5.67A MeV in a full kinematics approach. Physical Review C, 2020, 101, .	1.1	7
35	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>	1.1	6
36	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.	0.3	0

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37	Transfer to the continuum of 11Be with the application of ab-initio S-matrix. Journal of Physics: Conference Series, 2020, 1643, 012119.	0.3	0
38	Recent results on heavy-ion induced reactions of interest for neutrinoless double beta decay at INFN-LNS. Journal of Physics: Conference Series, 2020, 1643, 012074.	0.3	1
39	Study of the (^6{mathrm {Li}}+p) and (^7{mathrm {Li}}+p) Systems in the Continuum Discretized Coupled Channels Approach. Acta Physica Polonica B, 2020, 51, 737.	0.3	0
40	Background estimate in heavy-ion two-body reactions measured by the MAGNEX spectrometer. Journal of Physics: Conference Series, 2020, 1643, 012019.	0.3	0
41	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	1.1	12
42	Elastic and inelastic scattering of <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>16</mml:mn></mml:mmultiscripts></mml:math> on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Al</mml:mi><mml:mprescripts /><mml:none /><mml:mn>27</mml:mn></mml:mm	1.1	16
43	Recent results on Heavy-Ion induced reactions of interest for 0Î½2Î²2Î² decay. Journal of Physics: Conference Series, 2019, 1308, 012002.	0.3	0
44	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2019, , .	0.3	1
45	New experimental campaign of NUMEN project. AIP Conference Proceedings, 2019, , .	0.3	0
46	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2019, , .	0.3	0
47	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>Î²</mml:mi></mml:math>-decay. Progress in Particle and Nuclear Physics, 2019, 106, 103716.	5.6	74
48	<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, 2019, 100, .	1.1	36
49	Charge-state distributions of 20Ne ions emerging from thin foils. Results in Physics, 2019, 13, 102191.	2.0	22
50	Recent results on heavy-ion induced reactions of interest for neutrinoless double beta decay at INFN-LNS. EPJ Web of Conferences, 2019, 223, 01009.	0.1	0
51	Study of continuum excitation by light weakly bound projectiles on proton target. EPJ Web of Conferences, 2019, 223, 01058.	0.1	0
52	Giant Pairing Vibrations in light nuclei. European Physical Journal A, 2019, 55, 1.	1.0	10
53	Role of correlations in two-neutron transfer reactions. EPJ Web of Conferences, 2019, 223, 01035.	0.1	0
54	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, .	0.1	7

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55	A Microscopic Approach for $p+^9$Be at Energies Between 1.7 to 15 MeV/nucleon. Acta Physica Polonica B, 2019, 50, 1547.	0.3	4
56	Two-Neutron Transfer in the ^{18} 18 O+ ^{28} 28 Si System. Springer Proceedings in Physics, 2019, , 181-183.	0.1	0
57	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.	0.3	0
58	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.	0.7	5
59	Analysis of pairing correlations in neutron transfer reactions and comparison to the constrained molecular dynamics model. Physical Review C, 2018, 97, .	1.1	19
60	The nuclear matrix elements of 0Î½Î²Î² decay and the NUMEN project at INFN-LNS. EPJ Web of Conferences, 2018, 194, 02001.	0.1	1
61	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.	0.3	0
62	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.	0.3	0
63	Data reduction for experimental measurements within the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012010.	0.3	0
64	The Î±-decay of the Hoyle state in 12C: a new high-precision investigation. EPJ Web of Conferences, 2018, 184, 01005.	0.1	2
65	Pulse Shape Discrimination with EJ299 scintillators. Journal of Physics: Conference Series, 2018, 966, 012064.	0.3	1
66	Short-range (pairing) versus long-range (collective) correlations in two-neutron transfer reactions induced by 18O. Journal of Physics: Conference Series, 2018, 1056, 012035.	0.3	0
67	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=""	1.1	21
68	A new measurement of the direct alpha-decay width of the Hoyle state in 12C. AIP Conference Proceedings, 2018, , .	0.3	1
69	Nuclear structure studies performed using the (18O,16O) two-neutron transfer reactions. Journal of Physics: Conference Series, 2018, 966, 012016.	0.3	0
70	Measuring nuclear reaction cross sections to extract information on neutrinoless double beta decay. Journal of Physics: Conference Series, 2018, 966, 012021.	0.3	1
71	The Front-end for the new focal plane detector for the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012007.	0.3	0
72	Experimental challenges in the measurement of double charge exchange reactions within the NUMEN project. Journal of Physics: Conference Series, 2018, 1078, 012008.	0.3	1

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73	SiCILIAâ€"Silicon Carbide Detectors for Intense Luminosity Investigations and Applications. Sensors, 2018, 18, 2289.	2.1	51
74	Experimental issues for the measurement of the double charge exchange reactions within the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012011.	0.3	0
75	Heavyâ€"ion particle identification for the transfer reaction channels for the system 18O + 116Sn under the NUMEN Project. Journal of Physics: Conference Series, 2018, 1056, 012015.	0.3	0
76	Challenges for high rate signal processing for the NUMEN experiment. Journal of Physics: Conference Series, 2018, 1056, 012034.	0.3	5
77	Important role of projectile excitation in <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:mmultiscripts><mml:mi>Ni</mml:mi><mml:mprescripts /><mml:none /><mml:mn>60</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathv	1.1	24
78	Silicon Carbide detectors for nuclear physics experiments at high beam luminosity. Journal of Physics: Conference Series, 2018, 1056, 012032.	0.3	3
79	The NUMEN project: NUclear Matrix Elements for Neutrinoless double beta decay. European Physical Journal A, 2018, 54, 1.	1.0	146
80	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, .	1.1	36
81	First Measurement of the ^{116}Cd(^{20}Ne,^{20}O)^{116}Sn Reaction at 15,A,MeV. Acta Physica Polonica B, 2018, 49, 275.	0.3	37
82	Study of the ^{18}O + ^{64}Ni Two-neutron Transfer Reaction at 84 MeV by MAGNEX. Acta Physica Polonica B, 2018, 49, 381.	0.3	0
83	Microscopic Cluster Model for the Description of (^{18}O,^{16}O) Two-neutron Transfer Reactions. Acta Physica Polonica B, 2018, 49, 373.	0.3	0
84	Investigation of the Li10 shell inversion by neutron continuum transfer reaction. Physical Review Letters, 2017, 118, 012701.	2.9	30
85	Microscopic cluster model for the description of new experimental results on the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">C</mml:mi><mml:mprescripts /><mml:none		

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91	Elastic scattering of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi>Be</mml:mi><mml:mprescripts /><mml:none /><mml:mn>7</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> at near-barrier energies. Physical Review C, 2017, 95, .	1.1	12
92	¹⁵O+Î± resonant elastic scattering to study cluster states in¹⁹Ne. Journal of Physics: Conference Series, 2017, 863, 012026.	0.3	0
93	Investigation of the Hoyle state in¹²C with a new hodoscope detector. Journal of Physics: Conference Series, 2017, 876, 012006.	0.3	6
94	Evidence for O15+Î± resonance structures in Ne19 via direct measurement. Physical Review C, 2017, 96, .	1.1	21
95	Exclusive breakup of Li7 incident on a proton target at 5.44A MeV. Physical Review C, 2017, 95, .	1.1	16
96	Breakup of Li6+p at near-barrier energies and the effect on elastic scattering. Physical Review C, 2017, 95, .	1.1	19
97	The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2017, , .	0.3	1
98	A new high-precision upper limit of direct Î±-decays from the Hoyle state in 12C. EPJ Web of Conferences, 2017, 165, 01020.	0.1	3
99	Oxygen-15+Î± resonant elastic scattering to study cluster states in¹⁹Ne. Journal of Physics: Conference Series, 2017, 876, 012021.	0.3	0
100	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.	0.3	0
101	Active target MAIKo to investigate cluster structures in unstable nuclei. Journal of Physics: Conference Series, 2017, 863, 012076.	0.3	1
102	A NEW COOLING TECHNIQUE FOR TARGETS OPERATING UNDER VERY INTENSE BEAMS. , 2017, , .		27
103	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.	0.1	0
104	Preliminary study of the10Li nucleus via one-neutron transfer. EPJ Web of Conferences, 2016, 117, 06009.	0.1	0
105	The Giant Pairing Vibration in Carbon isotopes. Journal of Physics: Conference Series, 2016, 730, 012007.	0.3	0
106	NUMEN Project @ LNS : Heavy Ions Double Charge Exchange as a tool towards the 0Î½Î²Î²Nuclear Matrix Element. Journal of Physics: Conference Series, 2016, 724, 012001.	0.3	0
107	Study of nuclear reactions in laser plasmas at future ELI-NP facility. EPJ Web of Conferences, 2016, 117, 05008.	0.1	3
108	Neutron decay of the Giant Pairing Vibration in¹⁵C. Journal of Physics: Conference Series, 2016, 724, 012006.	0.3	0

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109	Interplay of the elastic and inelastic channels in the 16O+27Al scattering at Elab = 280 MeV. European Physical Journal A, 2016, 52, 1.	1.0	25
110	The nuclear matrix elements of 0Î½Î²Î²decay and the NUMEN project at INFN-LNS. EPJ Web of Conferences, 2016, 117, 10003.	0.1	2
111	The MAGNEX spectrometer: Results and perspectives. European Physical Journal A, 2016, 52, 1.	1.0	120
112	A mini-phoswich scintillator as a possible stop detector for the NUMEN project. Results in Physics, 2016, 6, 863-865.	2.0	18
113	Silicon carbide detectors study for NUMEN project. EPJ Web of Conferences, 2016, 117, 10006.	0.1	27
114	Probing the cluster structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Li</mml:mi><mml:mprescripts /><mml:none /><mml:mn>7</mml:mn></mml:mmultiscripts></mml:math>via elastic scattering on protons and deuterons in inverse kinematics. Physical Review C, 2016, 94, .	1.1	16
115	xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">O</mml:mi><mml:mprescripts /><mml:none		

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127	Multipolarity analysis for 14C high-energy resonance populated by (18O,16O) two-neutron transfer reaction. AIP Conference Proceedings, 2015, , .	0.3	0
128	Exploring the ¹⁰Li structure by the d(⁹Li,p)¹⁰Li transfer reaction. Journal of Physics: Conference Series, 2015, 590, 012037.	0.3	2
129	The d(⁹Li,p)¹⁰Li reaction as a tool to explore the ¹⁰Li structure. Journal of Physics: Conference Series, 2015, 630, 012019.	0.3	1
130	Exploring the12C(18O,16O)14C two-neutron transfer reaction at energies far above the Coulomb barrier. Journal of Physics: Conference Series, 2015, 590, 012030.	0.3	3
131	The role of nuclear reactions in the problem of0Î½Î²Î²decay and the NUMEN project at INFN-LNS. Journal of Physics: Conference Series, 2015, 630, 012018.	0.3	47
132	Heavy Ions Double Charge Exchange reactions: towards the 0Î½Î²Î² Nuclear Matrix Element determination. Nuclear and Particle Physics Proceedings, 2015, 265-266, 28-30.	0.2	44
133	Study of the 6Li + p $ ightarrow$ 3He + 4He reaction in inverse kinematics. European Physical Journal A, 2015, 51, 1.	1.0	10
134	Total reaction cross sections for 8Li + 90Zr at near-barrier energies. European Physical Journal A, 2015, 51, 1.	1.0	33
135	Signatures of the Giant Pairing Vibration in the 14C and 15C atomic nuclei. Nature Communications, 2015, 6, 6743.	5.8	86
136	Important influence of single neutron stripping coupling on near-barrier 8Li + 90Zr quasi-elastic scattering. European Physical Journal A, 2015, 51, 1.	1.0	9
137	Heavy-ion double charge exchange reactions: A tool toward $0 uetaeta$ nuclear matrix elements. European Physical Journal A, 2015, 51, 1.	1.0	118
138	New structures in the continuum of light nuclei populated by two-neutron transfer reactions. EPJ Web of Conferences, 2014, 66, 03015.	0.1	3
139	Fragmentation cross sections at intermediate energies for hadrontherapy and space radiation protection. EPJ Web of Conferences, 2014, 66, 10004.	0.1	0
140	Alpha Cluster Structure in16O. EPJ Web of Conferences, 2014, 66, 02093.	0.1	1
141	Effects of configuration mixing in heavy-ion elastic scattering. EPJ Web of Conferences, 2014, 66, 03067.	0.1	2
142	First application of thenâ^'Be9optical potential to the study of theBe10continuum via the(O18,O17)neutron-transfer reaction. Physical Review C, 2014, 90, .	1.1	30
143	The Continuum of ^{11}Be Populated by the (^{18}O,^{16}O) Two-neutron Transfer Reaction. Acta Physica Polonica B, 2014, 45, 431.	0.3	7
144	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.	0.3	5

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145	Natural Parity States Excited via (^{18}O,^{16}O) Two-neutron Transfer Reaction. Acta Physica Polonica B, 2014, 45, 411.	0.3	2
146	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.	0.3	0
147	(18O,18Ne) double charge-exchange with MAGNEX. , 2014, , .		6
148	Two-neutron stripping in (18O, 16O) and (t,p) reactions. , 2014, , .		1
149	The (18O, 16O) reaction as a probe for nuclear spectroscopy. , 2014, , .		1
150	16O resonances near 4Î± threshold through 12C(6Li,d) reaction. , 2014, , .		0
151	16Oresonances near the4Î±threshold through the12C(6Li,d) reaction. Physical Review C, 2014, 89, .	1.1	8
152	Selectivity of the 12C(18O, 16O)14C reaction. Bulletin of the Russian Academy of Sciences: Physics, 2014, 78, 605-606.	0.1	1
153	Transfer to the continuum of 14C via (18O, 16O) reaction. Bulletin of the Russian Academy of Sciences: Physics, 2014, 78, 607-610.	0.1	1
154	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.	0.1	0
155	A broad angular-range measurement of elastic and inelastic scatterings in the 16O on 27Al reaction at 17.5MeV/u. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 763, 314-319.	0.7	50
156	Interference effects between direct and sequential processes in the (18O,16O) reaction. EPJ Web of Conferences, 2014, 66, 03017.	0.1	4
157	Resonant states in¹³C and^{16,17}O at high excitation energy. Journal of Physics: Conference Series, 2014, 569, 012067.	0.3	1
158	The (18O,16O) reaction: a bridge from direct to dissipative dynamics. Journal of Physics: Conference Series, 2014, 515, 012003.	0.3	3
159	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.	0.7	40
160	Nuclear fragmentation measurements for hadrontherapy and space radiation protection. , 2013, , .		0
161	Spectroscopy of ^{13}B via the (^{18}O,<sup><span) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 B, 2013, 44, 657.	0.3	9
162	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.	1.4	35

#	Article	IF	Citations
163	Quantitative analysis 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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181	Preliminary Study of Two-Neutron States via the ([sup 18]O,[sup 16]O) Reaction at 84 MeV. , 2011, , .		4
182	First results and planned experiments with the INFN-LNS ray-tracing magnetic spectrometer MAGNEX. , 2010, , .		1
183	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.	0.7	97
184	The MAGNEX large acceptance spectrometer. , 2010, , .		4
185	Study of the [sup 19]O states via the ([sup 7]Li,[sup 7]Be) reaction at 52 MeV. AIP Conference Proceedings, 2010, , .	0.3	1
186	States of [sup 15]C via the ([sup 18]O,[sup 16]O) reaction. AIP Conference Proceedings, 2010, , .	0.3	0
187	[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
188	Digital signal processing applied to the position start detector of the MAGNEX spectrometer. , 2009, , .		0
189	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.	0.7	35
190	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.	0.7	37
191	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.	0.7	37
192	Digital Pulse Shape Acquisition From the Focal Plane Detector of MAGNEX Spectrometer. IEEE Transactions on Nuclear Science, 2008, 55, 3563-3570.	1.2	18
193	First Results from The MAGNEX Large Acceptance Spectrometer. , 2008, , .		1
194	Exploring Light Neutron Rich Nuclei via the ([sup 7]Li,[sup 7]Be) Reaction. , 2008, , .		1
195	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.	0.7	29
196	Commissioning of the MAGNEX large-acceptance spectrometer. European Physical Journal: Special Topics, 2007, 150, 343-346.	1.2	30
197	Exploring the NÎ± + 3n light nuclei via the (7Li,7Be) reaction. European Physical Journal A, 2006, 27, 283-288.	1.0	8