# Francesco Cappuzzello

List of Publications by Year
in descending order



| 214 | 3,464 | 125106 | 206121 |
|---|---|---|---|
| papers | citations | 35 h-index | 51 g-index |

| 216 | 216 | 216 | 858 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Nucleon 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 | Quasi-elastic one-proton transfer reaction for 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>Ti</mml:mi><mml:mprescripts /><mml:none /><mml:mn>48</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> system at 275 MeV. Physical Review C, 2021, 104, . | 1.1 | 27 |
| 20 | Recent results for the one-proton transfer reaction in the 18O+48Ti collision at 275 MeV. EPJ Web of Conferences, 2021, 252, 04002. | 0.1 | 0 |
| 21 | Recent experimental activity on heavy-ion induced reactions within the NUMEN project. EPJ Web of Conferences, 2021, 252, 04001. | 0.1 | 0 |
| 22 | Study of the 4He(4He,4He)4He* inelastic scattering at the MAGNEX facility. EPJ Web of Conferences, 2021, 252, 04007. | 0.1 | 1 |
| 23 | Quasi-elastic one-proton transfer reaction for 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>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 |
| 24 | The NUMEN Technical Design Report. International Journal of Modern Physics A, 2021, 36, . | 0.5 | 21 |
| 25 | Dominance of direct reaction channels at deep sub-barrier energies for weakly bound nuclei on heavy targets: The case <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:mrow></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="http | 1.1 | 19 |
| 26 | The MAGNEX magnetic spectrometer for double charge exchange reactions. Nuclear Instruments & Methods in Physics Research B, 2020, 463, 334-338. | 0.6 | 35 |
| 27 | Dominance of direct reaction channels at deep sub-barrier energies for weakly bound nuclei on heavy targets: The case <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">B</mml:mi><mml:mprescripts /><mml:none /><mml:mn>8</mml:mn></mml:mmultiscripts><mml:mo>+</mml:mo><mml:mmultiscripts><mml:mi>Pb</mml:mi><mml:mprescripts /><mml:none /><mml:mn>208</mml:mn></mml:mmultiscripts></mml:mrow></mml:math>. Physical Revie | 1.1 | 23 |
| 28 | New Results from the NUMEN Project. , 2020, , . | | 0 |
| 29 | 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 |
| 30 | Nuclear Response to Second-Order Isospin Probes in Connection to Double Beta Decay. Universe, 2020, 6, 217. | 0.9 | 6 |
| 31 | 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 |
| 32 | 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 |
| 33 | Recent results on heavy-ion direct reactions of interest for 0î½2î2î2 decay at INFN - LNS. Journal of Physics: Conference Series, 2020, 1610, 012004. | 0.3 | 0 |
| 34 | The NUMEN Heavy Ion Multidetector for a Complementary Approach to the Neutrinoless Double Beta Decay. Universe, 2020, 6, 129. | 0.9 | 26 |
| 35 | Neutron radiation effects on an electronic system on module. Review of Scientific Instruments, 2020, 91, 083301. | 0.6 | 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. | 1.0 | 10 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Spin-dipole nuclear matrix element for the double beta decay of <sup>76</sup>Ge by the (<sup>3</sup>He, t) charge-exchange reaction. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 05LT01. | 1.4 | 7 |
| 38 | Be9+p breakup at 5.67A MeV in a full kinematics approach. Physical Review C, 2020, 101, . | 1.1 | 7 |
| 39 | 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 |
| 40 | A clear signature of the breakup modes for <sup>9</sup>Be on a proton target at 5.6 MeV/nucleon. Journal of Physics: Conference Series, 2020, 1643, 012102. | 0.3 | 0 |
| 41 | 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 |
| 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. | 0.3 | 1 |
| 43 | 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 |
| 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. | 0.3 | 0 |
| 45 | Background estimate in heavy-ion two-body reactions measured by the MAGNEX spectrometer. Journal of Physics: Conference Series, 2020, 1643, 012019. | 0.3 | 0 |
| 46 | Application of an ab initio <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>S</mml:mi></mml:math> matrix to data analysis of transfer reactions to the continuum populating <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Be</mml:mi><mml:mprescripts /><mml:none /><mml:mn>9</mml:mn></mml:mmultiscripts> | 1.1 | 12 |
| 47 | 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> Physical Review C, 2019, 100, . <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:mmultiscripts></mml:math> | 1.1 | 16 |
| 48 | Recent results on Heavy-Ion induced reactions of interest for 0Î½Î²Î² decay. Journal of Physics: Conference Series, 2019, 1308, 012002. | 0.3 | 0 |
| 49 | The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2019, , . | 0.3 | 1 |
| 50 | New experimental campaign of NUMEN project. AIP Conference Proceedings, 2019, , . | 0.3 | 0 |
| 51 | The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2019, , . | 0.3 | 0 |
| 52 | 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, 109, 103716. | 5.6 | 74 |
| 53 | <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 |
| 54 | Charge-state distributions of 20Ne ions emerging from thin foils. Results in Physics, 2019, 13, 102191. | 2.0 | 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. | 0.1 | 0 |
| 56 | Study of continuum excitation by light weakly bound projectiles on proton target. EPJ Web of Conferences, 2019, 223, 01058. | 0.1 | 0 |
| 57 | Giant Pairing Vibrations in light nuclei. European Physical Journal A, 2019, 55, 1. | 1.0 | 10 |
| 58 | Role of correlations in two-neutron transfer reactions. EPJ Web of Conferences, 2019, 223, 01035. | 0.1 | 0 |
| 59 | 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, . | 0.3 | 7 |
| 60 | 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 |
| 61 | Two-Neutron Transfer in the $$^{18}$$ 18 O+ $$^{28}$$ 28 Si System. Springer Proceedings in Physics, 2019, , 181-183. | 0.1 | 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. | 0.3 | 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. | 0.7 | 5 |
| 64 | Analysis of pairing correlations in neutron transfer reactions and comparison to the constrained molecular dynamics model. Physical Review C, 2018, 97, . | 1.1 | 19 |
| 65 | The nuclear matrix elements of 0Î½Î²Î² decay and the NUMEN project at INFN-LNS. EPJ Web of Conferences, 2018, 194, 02001. | 0.1 | 1 |
| 66 | Post-stripper study for the (<sup>20</sup>Ne, <sup>20</sup>O) double charge exchange reaction at zero degrees with the MAGNEX spectrometer. Journal of Physics: Conference Series, 2018, 1056, 012052. | 0.3 | 0 |
| 67 | Experimental challenges for the measurement of the <sup>116</sup>Cd(<sup>20</sup>Ne,<sup>20</sup>O)<sup>116</sup>Sn double charge exchange reaction at 15 AMeV. Journal of Physics: Conference Series, 2018, 1023, 012006. | 0.3 | 0 |
| 68 | Data reduction for experimental measurements within the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012010. | 0.3 | 0 |
| 69 | The Î±-decay of the Hoyle state in 12C: a new high-precision investigation. EPJ Web of Conferences, 2018, 184, 01005. | 0.1 | 2 |
| 70 | Pulse Shape Discrimination with EJ299 scintillators. Journal of Physics: Conference Series, 2018, 966, 012064. | 0.3 | 1 |
| 71 | Focal plane detector optical readout. Journal of Physics: Conference Series, 2018, 1056, 012023. | 0.3 | 0 |
| 72 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Study 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 |
| 74 | A new measurement of the direct alpha-decay width of the Hoyle state in 12C. AIP Conference Proceedings, 2018, , . | 0.3 | 1 |
| 75 | Nuclear structure studies performed using the (18O,16O) two-neutron transfer reactions. Journal of Physics: Conference Series, 2018, 966, 012016. | 0.3 | 0 |
| 76 | Measuring nuclear reaction cross sections to extract information on neutrinoless double beta decay. Journal of Physics: Conference Series, 2018, 966, 012021. | 0.3 | 1 |
| 77 | The Front-end for the new focal plane detector for the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012007. | 0.3 | 0 |
| 78 | 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 |
| 79 | SiCILIAâ€”Silicon Carbide Detectors for Intense Luminosity Investigations and Applications. Sensors, 2018, 18, 2289. | 2.1 | 51 |
| 80 | 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 |
| 81 | 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 |
| 82 | Challenges for high rate signal processing for the NUMEN experiment. Journal of Physics: Conference Series, 2018, 1056, 012034. | 0.3 | 5 |
| 83 | New spectrometer projects for challenging particle-gamma measurements of nuclear reactions. Journal of Physics: Conference Series, 2018, 1056, 012040. | 0.3 | 8 |
| 84 | 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 |
| 85 | Silicon Carbide detectors for nuclear physics experiments at high beam luminosity. Journal of Physics: Conference Series, 2018, 1056, 012032. | 0.3 | 3 |
| 86 | The NUMEN project: NUclear Matrix Elements for Neutrinoless double beta decay. European Physical Journal A, 2018, 54, 1. | 1.0 | 146 |
| 87 | 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 |
| 88 | 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 |
| 89 | 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 |
| 90 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Investigation of the Li10 shell inversion by neutron continuum transfer reaction. Physical Review Letters, 2017, 118, 012701. | 2.9 | 30 |
| 92 | 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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|---|---|---|---|
| 109 | Study of nuclear reactions in laser plasmas at future ELI-NP facility. EPJ Web of Conferences, 2016, 117, 05008. | 0.1 | 3 |
| 110 | Neutron decay of the Giant Pairing Vibration in<sup>15</sup>C. Journal of Physics: Conference Series, 2016, 724, 012006. | 0.3 | 0 |
| 111 | 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 |
| 112 | The nuclear matrix elements of 0Î½Î²Î²decay and the NUMEN project at INFN-LNS. EPJ Web of Conferences, 2016, 117, 10003. | 0.1 | 2 |
| 113 | The MAGNEX spectrometer: Results and perspectives. European Physical Journal A, 2016, 52, 1. | 1.0 | 120 |
| 114 | A mini-phoswich scintillator as a possible stop detector for the NUMEN project. Results in Physics, 2016, 6, 863-865. | 2.0 | 18 |
| 115 | Silicon carbide detectors study for NUMEN project. EPJ Web of Conferences, 2016, 117, 10006. | 0.1 | 27 |
| 116 | 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 |
| 117 | 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 <sup>10</sup>Li structure by the d(<sup>9</sup>Li,p)<sup>10</sup>Li transfer reaction. Journal of Physics: Conference Series, 2015, 590, 012037. | 0.3 | 2 |
| 129 | The d(<sup>9</sup>Li,p)<sup>10</sup>Li reaction as a tool to explore the <sup>10</sup>Li 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 | Signatures of the Giant Pairing Vibration in the 14C and 15C atomic nuclei. Nature Communications, 2015, 6, 6743. | 5.8 | 86 |
| 135 | Heavy-ion double charge exchange reactions: A tool toward $0 uetaeta$ nuclear matrix elements. European Physical Journal A, 2015, 51, 1. | 1.0 | 118 |
| 136 | New structures in the continuum of light nuclei populated by two-neutron transfer reactions. EPJ Web of Conferences, 2014, 66, 03015. | 0.1 | 3 |
| 137 | Fragmentation cross sections at intermediate energies for hadrontherapy and space radiation protection. EPJ Web of Conferences, 2014, 66, 10004. | 0.1 | 0 |
| 138 | Alpha Cluster Structure in16O. EPJ Web of Conferences, 2014, 66, 02093. | 0.1 | 1 |
| 139 | Effects of configuration mixing in heavy-ion elastic scattering. EPJ Web of Conferences, 2014, 66, 03067. | 0.1 | 2 |
| 140 | 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 |
| 141 | Nuclear reaction measurements on tissue-equivalent materials and GEANT4 Monte Carlo simulations for hadrontherapy. Physics in Medicine and Biology, 2014, 59, 7643-7652. | 1.6 | 12 |
| 142 | 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 |
| 143 | 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 |
| 144 | Natural Parity States Excited via ($^{18}$O,$^{16}$O) Two-neutron Transfer Reaction. Acta Physica Polonica B, 2014, 45, 411. | 0.3 | 2 |

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| 145 | 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 |
| 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 4Î± threshold through 12C(6Li,d) reaction. , 2014, , . | | 0 |
| 150 | 16Oresonances near the4Î±threshold through the12C(6Li,d) reaction. Physical Review C, 2014, 89, . | 1.1 | 8 |
| 151 | Selectivity of the 12C(18O, 16O)14C reaction. Bulletin of the Russian Academy of Sciences: Physics, 2014, 78, 605-606. | 0.1 | 1 |
| 152 | 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 |
| 153 | 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 |
| 154 | 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 |
| 155 | Interference effects between direct and sequential processes in the (18O,16O) reaction. EPJ Web of Conferences, 2014, 66, 03017. | 0.1 | 4 |
| 156 | Resonant states in<sup>13</sup>C and<sup>16,17</sup>O at high excitation energy. Journal of Physics: Conference Series, 2014, 569, 012067. | 0.3 | 1 |
| 157 | The (18O,16O) reaction: a bridge from direct to dissipative dynamics. Journal of Physics: Conference Series, 2014, 515, 012003. | 0.3 | 3 |
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