

Domenico Torresi

List of Publications by Year in descending order

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197
papers

3,191
citations

186265

28
h-index

161849

54
g-index

200
all docs

200
docs citations

200
times ranked

1773
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Correlation of the Highest-Energy Cosmic Rays with Nearby Extragalactic Objects. <i>Science</i> , 2007, 318, 938-943. | 12.6 | 647 |
| 2 | Elastic Scattering and Reaction Mechanisms of the Halo Nucleus ${}^{11}\text{Be}$ around the Coulomb Barrier. <i>Physical Review Letters</i> , 2010, 105, 022701. | 7.8 | 163 |
| 3 | Upper limit on the cosmic-ray photon flux above 1019eV using the surface detector of the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2008, 29, 243-256. | 4.3 | 161 |
| 4 | The NUMEN project: NUclear Matrix Elements for Neutrinoless double beta decay. <i>European Physical Journal A</i> , 2018, 54, 1. | 2.5 | 146 |
| 5 | Upper Limit on the Diffuse Flux of Ultrahigh Energy Tau Neutrinos from the Pierre Auger Observatory. <i>Physical Review Letters</i> , 2008, 100, 211101. | 7.8 | 141 |
| 6 | Experimental study of the collision ${}^{11}\text{Be} + {}^{64}\text{Zn}$ around the Coulomb barrier. <i>Physical Review C</i> , 2012, 85, . | 2.9 | 103 |
| 7 | An upper limit to the photon fraction in cosmic rays above 1019eV from the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2007, 27, 155-168. | 4.3 | 90 |
| 8 | Fusion of ${}^{40}\text{Ca} + {}^{96}\text{Zr}$ revisited: Transfer couplings and hindrance far below the barrier. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 728, 639-644. | 4.1 | 62 |
| 9 | ${}^{6}\text{Li} + {}^{64}\text{Zn}$ reaction on ${}^{16}\text{O}$ at energies of Astrophysical Relevance. <i>Astrophysical Journal</i> , 2017, 845, 19. | 2.9 | 56 |
| 10 | New Improved Indirect Measurement of the ${}^{19}\text{F}(p, \hat{1}\pm){}^{16}\text{O}$ Reaction at Energies of Astrophysical Relevance. <i>Astrophysical Journal</i> , 2017, 845, 19. | 4.5 | 56 |
| 11 | ${}^{6}\text{Li} + {}^{64}\text{Zn}$ reaction on ${}^{16}\text{O}$ at energies of Astrophysical Relevance. <i>Astrophysical Journal</i> , 2017, 845, 19. | 2.9 | 55 |
| 12 | Anisotropy studies around the galactic centre at EeV energies with the Auger Observatory. <i>Astroparticle Physics</i> , 2007, 27, 244-253. | 4.3 | 51 |
| 13 | Cross-section Measurement of the Cosmologically Relevant ${}^{7}\text{Be}(n, \hat{1}\pm){}^{4}\text{He}$ Reaction over a Broad Energy Range in a Single Experiment. <i>Astrophysical Journal</i> , 2019, 879, 23. | 4.5 | 49 |
| 14 | Heavy residue excitation functions for the collisions ${}^{6}\text{Li} + {}^{64}\text{Zn}$ near the Coulomb barrier. <i>Physical Review C</i> , 2013, 87, . | 2.9 | 45 |
| 15 | Analysis of ${}^{20}\text{Ne} + {}^{116}\text{Sn}$ transfer reactions in the ${}^{17}\text{O} + {}^{116}\text{Sn}$ system at 306 MeV. <i>Physical Review C</i> , 2020, 102, 014607. | 2.9 | 42 |
| 16 | An upgraded focal plane detector for the MAGNEX spectrometer. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021, 989, 164918. | 1.6 | 41 |
| 17 | Reaction dynamics for the system ${}^{8}\text{B} + {}^{28}\text{Si}$ at near-barrier energies. <i>Physical Review C</i> , 2013, 87, 014607. | 2.9 | 39 |
| 18 | ${}^{17}\text{O} + {}^{58}\text{Ni}$ at near-barrier energies. <i>Physical Review C</i> , 2013, 87, 014607. | 2.9 | 38 |

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|----|--|-----|-----------|
| 19 | scattering for the $^{11}\text{B} + ^8\text{Be}$ reaction. <i>Physical Review C</i> , 2019, 100, 014607. | 2.9 | 38 |
| 20 | First Measurement of the $^{116}\text{Cd}(^{20}\text{Ne}, ^{20}\text{O})^{116}\text{Sn}$ Reaction at 15 MeV. <i>Acta Physica Polonica B</i> , 2018, 49, 275. | 0.8 | 37 |
| 21 | $^{20}\text{Ne} + ^{76}\text{Ge}$ elastic and inelastic scattering at 306 MeV. <i>Physical Review C</i> , 2019, 100, 014607. | 2.9 | 36 |
| 22 | The experimental set-up of the RIB in-flight facility EXOTIC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 834, 46-70. | 1.6 | 35 |
| 23 | The MAGNEX magnetic spectrometer for double charge exchange reactions. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2020, 463, 334-338. | 1.4 | 35 |
| 24 | Total reaction cross sections for $8\text{Li} + ^{90}\text{Zr}$ at near-barrier energies. <i>European Physical Journal A</i> , 2015, 51, 1. | 2.5 | 33 |
| 25 | Influence of the interstrip gap on the response and the efficiency of Double Sided Silicon Strip Detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 713, 11-18. | 1.6 | 32 |
| 26 | A Constrained Analysis of the $^{40}\text{Ca}(^{18}\text{O}, ^{18}\text{F})^{40}\text{K}$ Direct Charge Exchange Reaction Mechanism at 275 MeV. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, . | 2.8 | 32 |
| 27 | Analysis of two-proton transfer in the $^{11}\text{B} + ^7\text{Be}$ reaction. <i>Physical Review C</i> , 2019, 100, 014607. | 2.9 | 30 |
| 28 | Analysis of two-proton transfer in the $^{11}\text{B} + ^{40}\text{Ca}$ reaction. <i>Physical Review C</i> , 2019, 100, 014607. | | |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | 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. | 1.6 | 24 |
| 38 | Quasielastic backscattering and barrier distributions for the ${}^6,7\text{Li}+{}^{64}\text{Zn}$ systems. Physical Review C, 2013, 87, . | 2.9 | 23 |
| 39 | The NUMEN Project: Toward New Experiments with High-Intensity Beams. Universe, 2021, 7, 72. | 2.5 | 23 |
| 40 | Charge-state distributions of 20Ne ions emerging from thin foils. Results in Physics, 2019, 13, 102191. Multichannel experimental and theoretical constraints for the $\langle \text{mml:math}$ | 4.1 | 22 |
| 41 | $\text{xml:ns:mml}="http://www.w3.org/1998/Math/MathML">\langle \text{mml:mrow}>\langle \text{mml:mmultiscripts}>\langle \text{mml:mi}>\text{Cd}</\text{mml:mi}>\langle \text{mml:mprescripts}></\text{mml:none}$ | | |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | <p> http://www.w3.org/1998/Math/MathML <math>Li</math> + <math>Zn</math> systems at near-barrier energy. <i>Physical Review C</i>, 2019, 99, . </p> | 2.9 | 12 |
| 56 | <p> Measurements of $\hat{I}\pm$-decay half-lives at GSI. <i>Physica Scripta</i>, 2012, T150, 014028. </p> | 2.5 | 12 |
| 57 | <p> Oscillations above the barrier in the fusion of $^{28}\text{Si} + ^{28}\text{Si}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i>, 2015, 746, 300-304. </p> | 4.1 | 12 |
| 58 | <p> Improvements in data analysis obtained by large-area silicon \hat{I}^{E} - E detector telescopes. <i>European Physical Journal A</i>, 2015, 51, 1. </p> | 2.5 | 12 |
| 59 | <p> http://www.w3.org/1998/Math/MathML <math>Be</math> + <math>Si</math> at near-barrier energies. <i>Physical Review C</i>, 2017, 95, . </p> | 2.9 | 12 |
| 60 | <p> Measurement of the double charge exchange reaction for the $^{20}\text{Ne} + ^{130}\text{Te}$ system at 306 MeV. <i>Results in Physics</i>, 2021, 28, 104691. </p> | 4.1 | 12 |
| 61 | <p> $^{17}\text{O} + ^{58}\text{Ni}$ scattering and reaction dynamics around the Coulomb barrier. <i>Physical Review C</i>, 2016, 94, . </p> | 2.9 | 11 |
| 62 | <p> Study of the $^6\text{Li} + p \rightarrow ^3\text{He} + ^4\text{He}$ reaction in inverse kinematics. <i>European Physical Journal A</i>, 2015, 51, 1. </p> | 2.5 | 10 |
| 63 | <p> First comparison of GEANT4 hadrontherapy physics model with experimental data for a NUMEN project reaction case. <i>European Physical Journal A</i>, 2020, 56, 1. </p> | 2.5 | 10 |
| 64 | <p> Important influence of single neutron stripping coupling on near-barrier $^8\text{Li} + ^{90}\text{Zr}$ quasi-elastic scattering. <i>European Physical Journal A</i>, 2015, 51, 1. </p> | 2.5 | 9 |
| 65 | <p> Scattering of ^{17}F nuclei from a ^{58}Ni target at energies around the Coulomb barrier. <i>Nuclear Physics A</i>, 2010, 834, 488c-490c. </p> | 1.5 | 8 |
| 66 | <p> Electron Screening Effects on $\hat{I}\pm$-decay. , 2009, , . </p> | | 7 |
| 67 | <p> $Li\hat{I}\pm$ CLUSTER STATES IN ^{12}B USING $^8\text{Li} + ^4\text{He}$ INVERSE KINEMATICS ELASTIC SCATTERING. <i>International Journal of Modern Physics E</i>, 2011, 20, 1026-1029. </p> | 1.0 | 7 |
| 68 | <p> Determination of the half-life of ^{213}Fr with high precision. <i>Physical Review C</i>, 2013, 88, . </p> | 2.9 | 7 |
| 69 | <p> Evidence of dynamical dipole excitation in the fusion-evaporation of the $^{40}\text{Ca} + ^{152}\text{Sm}$ heavy system. <i>Physical Review C</i>, 2016, 93, . </p> | 2.9 | 7 |
| 70 | <p> Coherent coupled-reaction-channels analysis of existing and new <math>p + Be</math> data between 1.7 and 15 MeV/nucleon. <i>Physical Review C</i>, 2019, 99, . </p> | 2.9 | 7 |
| 71 | <p> $^9\text{Be} + p$ breakup at 5.67 A MeV in a full kinematics approach. <i>Physical Review C</i>, 2020, 101, . </p> | 2.9 | 7 |
| 72 | <p> Identification of medium mass ($A=60\text{--}80$) ejectiles from 15 MeV/nucleon peripheral heavy-ion collisions with the MAGNEX large-acceptance spectrometer. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i>, 2022, 1031, 166588. </p> | 1.6 | 7 |

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|----|---|-----|-----------|
| 73 | Halo effects on fusion cross section in $^4_6\text{He} + ^{64}\text{Zn}$ collision around and below the coulomb barrier. Journal of Physics: Conference Series, 2011, 282, 012014. | 0.4 | 6 |
| 74 | The Inverse Kinematics Thick Target scattering method as a tool to study cluster states in exotic nuclei. Journal of Physics: Conference Series, 2012, 366, 012013. | 0.4 | 6 |
| 75 | Global study of $^9\text{Be} + ^{16}\text{O}$ at ^6p | 2.9 | 6 |
| 76 | Fusion, elastic and total reaction cross sections in the collision $^6\text{Li} + ^{64}\text{Zn}$. EPJ Web of Conferences, 2011, 17, 16018. | 0.3 | 5 |
| 77 | Anomalous behaviour of DSSSDs. , 2012, , . | | 5 |
| 78 | Challenges for high rate signal processing for the NUMEN experiment. Journal of Physics: Conference Series, 2018, 1056, 012034. | 0.4 | 5 |
| 79 | ^7Be - and ^8B -reaction dynamics at Coulomb barrier energies. EPJ Web of Conferences, 2016, 117, 06006. | 0.3 | 4 |
| 80 | The Trojan Horse Method for nuclear astrophysics and its recent applications. EPJ Web of Conferences, 2017, 165, 01032. | 0.3 | 4 |
| 81 | Use of the facility EXOTIC for fusion-evaporation studies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 877, 293-299. | 1.6 | 4 |
| 82 | Experimental investigation of exotic clustering in ^{13}B and ^{14}C using the resonance scattering method. Journal of Physics: Conference Series, 2018, 966, 012040. | 0.4 | 4 |
| 83 | Search for evidence of rotational cluster bands in ^{18}O . Physical Review C, 2020, 102, . | 2.9 | 4 |
| 84 | Proton inelastic scattering in inverse kinematics as a mean for determining decay rates in continuum: The $^9\text{Be} + ^1\text{p}$ case. Nuclear Physics A, 2021, 1008, 122155. | 1.5 | 4 |
| 85 | A Microscopic Approach for ^9Be at Energies Between 1.7 to 15 MeV/nucleon. Acta Physica Polonica B, 2019, 50, 1547. | 0.8 | 4 |
| 86 | Fusion of $^{28}\text{Si} + ^{28}\text{Si}$: oscillations above the barrier and the behavior down to $1 < i > \hat{1} / 4 < / i > b$. EPJ Web of Conferences, 2014, 66, 03082. | 0.3 | 3 |
| 87 | Elastic and break-up of the $1n$ -halo ^{11}Be nucleus. EPJ Web of Conferences, 2014, 66, 03023. | 0.3 | 3 |
| 88 | 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 |
| 89 | Reaction dynamics studies for the system $^7\text{Be} + ^{208}\text{Pb}$ at Coulomb barrier energies. EPJ Web of Conferences, 2017, 163, 00035. | 0.3 | 3 |
| 90 | ^{12}C states populated in $^{10}\text{B} + ^{10}\text{B}$ reactions. Physical Review C, 2019, 99, . | 2.9 | 3 |

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|-----|--|-----|-----------|
| 91 | Precision branching-ratio measurements in ^{18}O . European Physical Journal A, 2021, 57, 1. | 2.5 | 3 |
| 92 | Clustering in ^{18}O - absolute determination of branching ratios via high-resolution particle spectroscopy. SciPost Physics Proceedings, 2020, , . | 0.4 | 3 |
| 93 | Hints of quasi-molecular states in ^{13}B via the study of $^9\text{Li}-^4\text{He}$ elastic scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 832, 137256. | 4.1 | 3 |
| 94 | Study Of Reaction Mechanisms For $^{9,10,11}\text{Be}+^{64}\text{Zn}$ Systems Around The Coulomb Barrier. AIP Conference Proceedings, 2010, , . | 0.4 | 2 |
| 95 | STRUCTURE EFFECTS IN COLLISIONS INDUCED BY HALO AND WEAKLY BOUND NUCLEI AROUND THE COULOMB BARRIER. International Journal of Modern Physics E, 2010, 19, 1236-1240. | 1.0 | 2 |
| 96 | Structure effects in the reactions $^{9,10,11}\text{Be}+^{64}\text{Zn}$ at the Coulomb barrier. Journal of Physics: Conference Series, 2011, 267, 012012. | 0.4 | 2 |
| 97 | Does the breakup process affect the reaction dynamics for the systems $^{17}\text{O}, ^{17}\text{F} + ^{58}\text{Ni}$ at Coulomb barrier energies?. EPJ Web of Conferences, 2011, 17, 13005. | 0.3 | 2 |
| 98 | Elastic scattering and direct reactions of the $1n$ halo ^{11}Be nucleus on ^{64}Zn near the barrier. Journal of Physics: Conference Series, 2012, 381, 012050. | 0.4 | 2 |
| 99 | Elastic Scattering for the $^{11}\text{Be}+^{64}\text{Zn}$ System Close to the Coulomb Barrier. Acta Physica Polonica B, 2013, 44, 463. | 0.8 | 2 |
| 100 | Elastic scattering for the system $^6\text{Li}+p$ at near barrier energies with MAGNEX. , 2015, , . | | 2 |
| 101 | Recent Results on Reactions with Weakly-bound Nuclei. Acta Physica Polonica B, 2013, 44, 437. | 0.8 | 2 |
| 102 | Enhancement in the $^6\text{He}+^{64}\text{Zn}$ fusion cross section at energies around the barrier: static or dynamic effect?. EPJ Web of Conferences, 2011, 17, 16003. | 0.3 | 1 |
| 103 | Strong reaction channels for the system $^{17}\text{F} + ^{58}\text{Ni}$ at Coulomb barrier energies. Journal of Physics: Conference Series, 2011, 312, 082032. | 0.4 | 1 |
| 104 | Alpha structure of ^{12}B studied by elastic scattering of ^8Li EXCYT beam on ^4He thick target. Journal of Physics: Conference Series, 2011, 267, 012011. | 0.4 | 1 |
| 105 | Elastic Scattering and Fusion of ^6Li on ^{64}Zn at the Barrier. , 2011, , . | | 1 |
| 106 | Reactions induced by ^7Li beam and optimization of silicon detector telescope. , 2012, , . | | 1 |
| 107 | Scattering process for the system $^7\text{Be} + ^{58}\text{Ni}$ at 23.2 MeV beam energy. Journal of Physics: Conference Series, 2013, 420, 012077. | 0.4 | 1 |
| 108 | Dynamical Dipole Mode in the ^{192}Pb Mass Region. Acta Physica Polonica B, 2013, 44, 605. | 0.8 | 1 |

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|-----|--|-----|-----------|
| 109 | Elastic scattering measurement for the system $^{17}\text{O} + ^{58}\text{Ni}$ at Coulomb barrier energies with silicon strip detectors exploiting ASIC electronics. <i>Journal of Physics: Conference Series</i> , 2013, 420, 012071. | 0.4 | 1 |
| 110 | Measurement of $\text{Li} + \text{Sn}$ fusion excitation functions around the Coulomb barrier using an improved activation technique. <i>EPJ Web of Conferences</i> , 2014, 66, 03027. | 0.3 | 1 |
| 111 | Projectile structure effects in the collisions $^6\text{Li} + ^{64}\text{Zn}$ around the Coulomb barrier.. <i>EPJ Web of Conferences</i> , 2014, 66, 03022. | 0.3 | 1 |
| 112 | Fusion of the $^6\text{Li} + ^{120}\text{Sn}$ and $^7\text{Li} + ^{119}\text{Sn}$ and the role of neutron transfer and breakup processes. <i>Journal of Physics: Conference Series</i> , 2014, 515, 012006. | 0.4 | 1 |
| 113 | $^{8}\text{Li} + ^{12}\text{B}$ resonant elastic scattering: a tool to study cluster states in ^{12}B . <i>Journal of Physics: Conference Series</i> , 2014, 569, 012024. | 0.4 | 1 |
| 114 | Elastic scattering and transfer reactions for the system $^7\text{Be} + ^{58}\text{Ni}$ at Coulomb barrier energies. <i>Journal of Physics: Conference Series</i> , 2015, 639, 012002. | 0.4 | 1 |
| 115 | Fusion Hindrance and Quadrupole Collectivity in Collisions of $A \approx 50$ Nuclei: The Case of $^{48}\text{Ti} + ^{58}\text{Fe}$. <i>EPJ Web of Conferences</i> , 2015, 86, 00057. | 0.3 | 1 |
| 116 | Transfer couplings and hindrance far below the barrier for $^{40}\text{Ca} + ^{96}\text{Zr}$. <i>EPJ Web of Conferences</i> , 2015, 86, 00056. | 0.3 | 1 |
| 117 | $^2\text{-delayed } ^{16}\text{N}$ and the $^{12}\text{C}(^1\text{H}, ^3\text{H})^{16}\text{O}$ cross section at astrophysical energies: A new experimental approach. , 2015, , . | | 1 |
| 118 | Elastic scattering measurements for the system $^7\text{Be} + ^{28}\text{Si}$ at 17.2 MeV. , 2015, , . | | 1 |
| 119 | Effects of the interstrip gap on the efficiency and response of Double Sided Silicon Strip Detectors. <i>EPJ Web of Conferences</i> , 2016, 117, 10009. | 0.3 | 1 |
| 120 | Elastic scattering of $^{17}\text{O} + ^{208}\text{Pb}$ at energies near the Coulomb barrier. <i>EPJ Web of Conferences</i> , 2016, 117, 08027. | 0.3 | 1 |
| 121 | The NUMEN project @ LNS: Status and perspectives. <i>AIP Conference Proceedings</i> , 2017, , . | 0.4 | 1 |
| 122 | The nuclear matrix elements of $0^1_2 \rightarrow 2^1_2$ decay and the NUMEN project at INFN-LNS. <i>EPJ Web of Conferences</i> , 2018, 194, 02001. | 0.3 | 1 |
| 123 | A method to determine ^3H branching ratios using charged particle detectors for states in ^{18}O . <i>AIP Conference Proceedings</i> , 2018, , . | 0.4 | 1 |
| 124 | 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 |
| 125 | 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 |
| 126 | $^{8}\text{B} + ^{208}\text{Pb}$ Elastic Scattering at Coulomb Barrier Energies. <i>Journal of Physics: Conference Series</i> , 2018, 966, 012010. | 0.4 | 1 |

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|-----|---|-----|-----------|
| 127 | The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2019, , . | 0.4 | 1 |
| 128 | ^{19}F spectroscopy and implications for astrophysics. Journal of Physics: Conference Series, 2020, 1668, 012023. | 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 | Measurement of the structure of potential cluster bands and absolute branching ratios of high-energy states in $^{18}\text{O}^*$. Journal of Physics: Conference Series, 2020, 1643, 012155. | 0.4 | 1 |
| 132 | Structure of ^{24}Mg Excited States and Their Influence on Nucleosynthesis. Acta Physica Polonica B, 2017, 48, 319. | 0.8 | 1 |
| 133 | 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 |
| 134 | Reactions induced by ^{11}Be beam at Rex-Isolde. EPJ Web of Conferences, 2011, 17, 13001. | 0.3 | 0 |
| 135 | Structure effects and dynamics in fusion reactions of light weakly bound nuclei. Journal of Physics: Conference Series, 2011, 282, 012020. | 0.4 | 0 |
| 136 | Studying ^{12}B via ^8Li resonant scattering. , 2011, , . | | 0 |
| 137 | Elastic scattering of Beryllium isotopes near the Coulomb barrier. , 2011, , . | | 0 |
| 138 | Evidence of strong effects of the ^{11}Be halo structure on reaction processes at energies around the Coulomb barrier. Journal of Physics: Conference Series, 2011, 312, 082020. | 0.4 | 0 |
| 139 | Fusion Cross Section in the $^4\text{He}+^{64}\text{Zn}$ Collisions Around the Coulomb Barrier. , 2011, , . | | 0 |
| 140 | $^{13}\text{C}+^4\text{He}$ resonant elastic scattering on a thick gas target. , 2012, , . | | 0 |
| 141 | Studies on the response of double sided silicon strip detectors. , 2012, , . | | 0 |
| 142 | Study of ^{24}Mg resonances relevant for carbon burning nucleosynthesis. , 2012, , . | | 0 |
| 143 | Fusion reactions in collisions induced by Li isotopes on Sn targets. , 2012, , . | | 0 |
| 144 | Energy reconstruction from PileUp events. , 2012, , . | | 0 |

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|-----|---|-----|-----------|
| 145 | $^{13}\text{C} + ^4\text{He}$ resonant elastic scattering on a thick gas target. Journal of Physics: Conference Series, 2013, 436, 012020. | 0.4 | 0 |
| 146 | States in ^{10}Be populated in $^{6,7}\text{Li} + ^7\text{Li}, ^3,4\text{He} + ^{10}\text{Be}^*$ reactions at 30 and 52 MeV. Journal of Physics: Conference Series, 2013, 436, 012044. | 0.4 | 0 |
| 147 | Study of ^{24}Mg resonances relevant to carbon burning nucleosynthesis. Journal of Physics: Conference Series, 2013, 436, 012074. | 0.4 | 0 |
| 148 | Elastic scattering and heavy residue production in the collisions $^{6,7}\text{Li} + ^{64}\text{Zn}$ around the Coulomb barrier. EPJ Web of Conferences, 2013, 63, 02019. | 0.3 | 0 |
| 149 | Investigation of the Dynamical Dipole mode in the ^{192}Pb mass region. EPJ Web of Conferences, 2014, 66, 03069. | 0.3 | 0 |
| 150 | Transfer vs. Breakup in the interaction of the ^7Be Radioactive Ion Beam with a ^{58}Ni target at Coulomb barrier energies. EPJ Web of Conferences, 2014, 66, 03060. | 0.3 | 0 |
| 151 | Study of DSSSD detector response in the inter-strip region using a proton micro-beam. EPJ Web of Conferences, 2014, 66, 11015. | 0.3 | 0 |
| 152 | Direct and Compound Nucleus Reactions for the System $^7\text{Be} + ^{58}\text{Ni}$ at Near-barrier Energies. Acta Physica Polonica B, 2014, 45, 363. | 0.8 | 0 |
| 153 | Study of ^{24}Mg resonances relevant for carbon burning nucleosynthesis. , 2014, , . | | 0 |
| 154 | Elastic scattering of ^{17}O ions from ^{58}Ni at near-barrier energies. EPJ Web of Conferences, 2014, 66, 03087. | 0.3 | 0 |
| 155 | The sneaky interstrip gap of double sided silicon strip detector. AIP Conference Proceedings, 2015, , . | 0.4 | 0 |
| 156 | Measuring fusion excitation functions with RIBs: A thorough analysis of the stacked target technique and the related problems. AIP Conference Proceedings, 2015, , . | 0.4 | 0 |
| 157 | Reaction dynamics induced by the radioactive ion beam ^7Be on medium-mass and heavy targets. AIP Conference Proceedings, 2015, , . | 0.4 | 0 |
| 158 | Comparison of the effects of couplings to breakup channels in reactions induced by ^6Li and ^6He on the same ^{64}Zn target. AIP Conference Proceedings, 2015, , . | 0.4 | 0 |
| 159 | Study of interstrip gap effects and efficiency for full energy detection of Double Sided Silicon Strip Detectors. Journal of Physics: Conference Series, 2015, 590, 012029. | 0.4 | 0 |
| 160 | Dynamical Dipole mode in heavy-ion fusion reactions in the ^{192}Pb mass region. Journal of Physics: Conference Series, 2015, 590, 012052. | 0.4 | 0 |
| 161 | Role of neutron transfer processes on the $^6\text{Li} + ^{120}\text{Sn}$ and $^7\text{Li} + ^{119}\text{Sn}$ fusion reactions. EPJ Web of Conferences, 2015, 88, 01004. | 0.3 | 0 |
| 162 | Coupling to continuum effects in the $^{6,7}\text{Li} + ^{64}\text{Zn}$ reactions at energies around the Coulomb barrier.. Journal of Physics: Conference Series, 2015, 590, 012040. | 0.4 | 0 |

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|-----|---|-----|-----------|
| 163 | Reaction dynamics studies for the system $^7\text{Be}+^{58}\text{Ni}$. Journal of Physics: Conference Series, 2015, 590, 012057. | 0.4 | 0 |
| 164 | Clusters in neutron-rich light nuclei. EPJ Web of Conferences, 2016, 117, 07007. | 0.3 | 0 |
| 165 | Dynamical Dipole mode in the $^{40,48}\text{Ca} + ^{152,144}\text{Sm}$ fusion reactions at 11 MeV/nucleon. EPJ Web of Conferences, 2016, 117, 08016. | 0.3 | 0 |
| 166 | Reaction studies with low-energy weakly-bound beams at INFN-LNS. EPJ Web of Conferences, 2016, 117, 06003. | 0.3 | 0 |
| 167 | Effects of coupling to breakup channels in reactions induced by weakly bound and halo nuclei. EPJ Web of Conferences, 2016, 117, 06012. | 0.3 | 0 |
| 168 | $^{15}\text{O}^{\pm}$ resonant elastic scattering to study cluster states in ^{19}Ne . Journal of Physics: Conference Series, 2017, 863, 012026. | 0.4 | 0 |
| 169 | Dynamical Dipole mode in heavy-ion fusion reactions. Journal of Physics: Conference Series, 2017, 863, 012060. | 0.4 | 0 |
| 170 | $8\text{B} + ^{208}\text{Pb}$ Elastic Scattering at Coulomb Barrier Energies. EPJ Web of Conferences, 2017, 163, 00032. | 0.3 | 0 |
| 171 | A new analysis procedure to extract fusion excitation function with large beam energy dispersions: application to the $^6\text{Li}+^{120}\text{Sn}$ and $^7\text{Li}+^{119}\text{Sn}$. EPJ Web of Conferences, 2017, 163, 00014. | 0.3 | 0 |
| 172 | Oxygen- $^{15}\text{O}^{\pm}$ resonant elastic scattering to study cluster states in ^{19}Ne . Journal of Physics: Conference Series, 2017, 876, 012021. | 0.4 | 0 |
| 173 | Dynamical Dipole mode in heavy-ion fusion reactions. EPJ Web of Conferences, 2017, 163, 00043. | 0.3 | 0 |
| 174 | Pre-equilibrium GDR in a heavy composite system. Journal of Physics: Conference Series, 2018, 966, 012049. | 0.4 | 0 |
| 175 | Post-stripper study for the (^{20}Ne , ^{20}O) double charge exchange reaction at zero degrees with the MAGNEX spectrometer. Journal of Physics: Conference Series, 2018, 1056, 012052. | 0.4 | 0 |
| 176 | Experimental challenges for the measurement of the $^{116}\text{Cd}(\text{^{20}\text{Ne}, ^{20}\text{O})^{116}\text{Sn} double charge exchange reaction at 15 AMeV. Journal of Physics: Conference Series, 2018, 1023, 012006.$ | 0.4 | 0 |
| 177 | Data reduction for experimental measurements within the NUMEN project. Journal of Physics: Conference Series, 2018, 1056, 012010. | 0.4 | 0 |
| 178 | Reaction Dynamics for the Systems ^7Be , $8\text{B} + ^{208}\text{Pb}$ at Coulomb Barrier Energies. Journal of Physics: Conference Series, 2018, 1078, 012013. | 0.4 | 0 |
| 179 | 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 |
| 180 | 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 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 181 | 7Be and 8B reaction dynamics at Coulomb barrier energies. EPJ Web of Conferences, 2018, 184, 02015. | 0.3 | 0 |
| 182 | Recent results on Heavy-Ion induced reactions of interest for $0\hat{1}1/2\hat{1}2\hat{1}2$ decay. Journal of Physics: Conference Series, 2019, 1308, 012002. | 0.4 | 0 |
| 183 | New experimental campaign of NUMEN project. AIP Conference Proceedings, 2019, , . | 0.4 | 0 |
| 184 | The NUMEN project @ LNS: Status and perspectives. AIP Conference Proceedings, 2019, , . | 0.4 | 0 |
| 185 | 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 |
| 186 | Study of continuum excitation by light weakly bound projectiles on proton target. EPJ Web of Conferences, 2019, 223, 01058. | 0.3 | 0 |
| 187 | Interesting states in A = 10 mass region, populated in 10B + 10B nuclear reactions. EPJ Web of Conferences, 2019, 223, 01027. | 0.3 | 0 |
| 188 | Recent results on heavy-ion direct reactions of interest for $0\hat{1}1/2\hat{1}2\hat{1}2$ decay at INFN - LNS. Journal of Physics: Conference Series, 2020, 1610, 012004. | 0.4 | 0 |
| 189 | Recent results for the one-proton transfer reaction in the 18O+48Ti collision at 275 MeV. EPJ Web of Conferences, 2021, 252, 04002. | 0.3 | 0 |
| 190 | Recent experimental activity on heavy-ion induced reactions within the NUMEN project. EPJ Web of Conferences, 2021, 252, 04001. | 0.3 | 0 |
| 191 | Investigation of Cluster States in ^{13}B Using the $^9\text{Li}-\alpha$ Resonant Elastic Scattering. Acta Physica Polonica B, 2017, 48, 455. | 0.8 | 0 |
| 192 | Discrimination of Processes and Optical Model Analysis in the $^{17}\text{O}+^{58}\text{Ni}$ Collision Around the Coulomb Barrier. Acta Physica Polonica B, 2017, 48, 615. | 0.8 | 0 |
| 193 | The Cosmologically Relevant $^7\text{Be}(n, \alpha)^4\text{He}$ Reaction in View of the Recent THM Investigations. Springer Proceedings in Physics, 2019, , 53-56. | 0.2 | 0 |
| 194 | Structure of Light Nuclei Studied with $^7\text{Li}+^{6,7}\text{Li}$ Reactions. Springer Proceedings in Physics, 2019, , 215-216. | 0.2 | 0 |
| 195 | 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 |
| 196 | Direct processes for the systems 7Be,8B + 208Pb at Coulomb barrier energies. Journal of Physics: Conference Series, 2020, 1643, 012096. | 0.4 | 0 |
| 197 | Background estimate in heavy-ion two-body reactions measured by the MAGNEX spectrometer. Journal of Physics: Conference Series, 2020, 1643, 012019. | 0.4 | 0 |