

Filippo Terrasi

List of Publications by Year in descending order

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254
papers

6,483
citations

61984

43
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91884

69
g-index

261
all docs

261
docs citations

261
times ranked

3738
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Astrophysical S-factor of $^{14}\text{N}(p,^3\text{He})^{15}\text{O}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 591, 61-68. | 4.1 | 289 |
| 2 | S-factor of $^{14}\text{N}(p,^3\text{He})^{15}\text{O}$ at astrophysical energies. European Physical Journal A, 2005, 25, 455-466. | 2.5 | 203 |
| 3 | First Measurement of the $^3\text{He}(^3\text{He},2p)^4\text{He}$ Cross Section down to the Lower Edge of the Solar Gamow Peak. Physical Review Letters, 1999, 82, 5205-5208. | 7.8 | 176 |
| 4 | The LUNA II accelerator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 507, 609-616. | 1.6 | 159 |
| 5 | First measurement of the $d(p,^3\text{He})^3\text{He}$ cross section down to the solar Gamow peak. Nuclear Physics A, 2002, 706, 203-216. | 1.5 | 148 |
| 6 | Carbon input belowground is the major C flux contributing to leaf litter mass loss: Evidences from a ^{13}C labelled-leaf litter experiment. Soil Biology and Biochemistry, 2010, 42, 1009-1016. | 8.8 | 142 |
| 7 | Activation Measurement of the $^3\text{He}(^3\text{He},^3\text{He})^7\text{Be}$ Cross Section at Low Energy. Physical Review Letters, 2006, 97, 122502. | 7.8 | 136 |
| 8 | The bottleneck of CNO burning and the age of Globular Clusters. Astronomy and Astrophysics, 2004, 420, 625-629. | 5.1 | 121 |
| 9 | Astrophysical Sfactor of the $^3\text{He}(^3\text{He},^3\text{He})^7\text{Be}$ reaction measured at low energy via detection of prompt and delayed ^3He rays. Physical Review C, 2007, 75, . | 2.9 | 117 |
| 10 | Magma transfer at Campi Flegrei caldera (Italy) before the 1538 AD eruption. Scientific Reports, 2016, 6, 32245. | 3.3 | 116 |
| 11 | Stellar and Primordial Nucleosynthesis of ^7Be . Measurement of ^7He . | 7.8 | 114 |
| 12 | | | |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | High precision ^{14}C AMS at CIRCE. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 2221-2224. Precision study of ground state capture in the | 1.4 | 78 |
| 20 | Zinc Reduction as an Alternative Method for AMS Radiocarbon Dating: Process Optimization at Circe. Radiocarbon, 2008, 50, 139-149. | 2.9 | 78 |
| 21 | The S-factor at solar energies: The prompt \hat{I}^3 experiment at LUNA. Nuclear Physics A, 2008, 814, 144-158. | 1.8 | 76 |
| 22 | First direct measurement of the total cross-section of $^{12}\text{C}(\hat{I}^{\pm}, \hat{I}^3)^{16}\text{O}$. European Physical Journal A, 2005, 26, 301-305. | 1.5 | 71 |
| 23 | Beeswax as Dental Filling on a Neolithic Human Tooth. PLoS ONE, 2012, 7, e44904. | 2.5 | 69 |
| 24 | Analysis and application of heavy isotopes in the environment. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 1045-1049. | 1.4 | 68 |
| 25 | A genetic history of the pre-contact Caribbean. Nature, 2021, 590, 103-110. | 27.8 | 67 |
| 26 | Absolute cross section of $^7\text{Be}(p, \hat{I}^3)^8\text{B}$. Nuclear Physics A, 2001, 696, 219-230. | 1.5 | 65 |
| 27 | Feasibility of low-energy radiative-capture experiments at the LUNA underground accelerator facility. European Physical Journal A, 2005, 24, 313-319. | 2.5 | 64 |
| 28 | Low energy measurement of the $^{14}\text{N}(p, \hat{I}^3)^{15}\text{O}$ total cross section at the LUNA underground facility. Nuclear Physics A, 2006, 779, 297-317. | 1.5 | 64 |
| 29 | The $^{25}\text{Mg}(p, \hat{I}^3)^{26}\text{Al}$ reaction at low astrophysical energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 60-65. | 4.1 | 64 |
| 30 | Ultra-sensitive in-beam γ -ray spectroscopy for nuclear astrophysics at LUNA. European Physical Journal A, 2009, 39, 179-186. | 2.5 | 59 |
| 31 | A new setup for the underground study of capture reactions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 489, 160-169. | 1.6 | 57 |
| 32 | Age of submarine debris avalanches and tephrostratigraphy offshore Ischia Island, Tyrrhenian Sea, Italy. Marine Geology, 2010, 278, 1-18. | 2.1 | 56 |
| 33 | A new AMS facility in Caserta/Italy. Nuclear Instruments & Methods in Physics Research B, 2007, 259, 14-17. | 1.4 | 53 |
| 34 | Underground study of the | 2.9 | 53 |
| 35 | explosive hydrogen burning. Physical Review C, 2014, 89, . | 3.6 | 52 |
| 36 | Electron screening in $d(d, p)t$ for deuterated metals: temperature effects. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, 1141-1149. | | |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | IMPACT OF A REVISED $^{25}\text{Mg}(p, \hat{1}^3)^{26}\text{Al}$ REACTION RATE ON THE OPERATION OF THE Mg-Al CYCLE. <i>Astrophysical Journal</i> , 2013, 763, 100. | 4.5 | 52 |
| 38 | ^{14}C geochronological constraints for the volcanic history of the island of Ischia (Italy) over the last 5000 years. <i>Journal of Volcanology and Geothermal Research</i> , 1996, 71, 249-257. | 2.1 | 51 |
| 39 | Radiocarbon Sample Preparation at the Circe AMS Laboratory in Caserta, Italy. <i>Radiocarbon</i> , 2007, 49, 225-232. | 1.8 | 49 |
| 40 | First Direct Measurement of the $^{17}\text{O}(p, \hat{1}^3)^{18}\text{F}$ Reaction. <i>Physical Review Letters</i> , 2010, 105, 172501. | 2.9 | 48 |
| 41 | New experimental study of low-energy $^{17}\text{O}(p, \hat{1}^3)^{18}\text{F}$ reaction. <i>Physical Review Letters</i> , 2010, 105, 172501. | 2.9 | 48 |
| 42 | Enhanced $d(d,p)t$ fusion reaction in metals. <i>European Physical Journal A</i> , 2006, 27, 79-82. | 2.5 | 46 |
| 43 | The first use of ^{236}U in the general environment and near a shutdown nuclear power plant. <i>Applied Radiation and Isotopes</i> , 2009, 67, 1775-1780. | 1.5 | 46 |
| 44 | Mortar Radiocarbon Dating: Preliminary Accuracy Evaluation of a Novel Methodology. <i>Analytical Chemistry</i> , 2011, 83, 2038-2045. | 6.5 | 45 |
| 45 | Preparation and Dating of Mortar Samples – Mortar Dating Inter-Comparison Study (MODIS). <i>Radiocarbon</i> , 2017, 59, 1845-1858. | 1.8 | 44 |
| 46 | Preparation and characterisation of isotopically enriched Ta_2O_5 targets for nuclear astrophysics studies. <i>European Physical Journal A</i> , 2012, 48, 1. | 2.5 | 43 |
| 47 | First hints on a change of the ^{22}Na $\hat{1}^2$ decay half-life in the metal Pd. <i>European Physical Journal A</i> , 2006, 28, 251-252. | 2.5 | 42 |
| 48 | Study of the 6.05 MeV cascade transition in ^{12}C . <i>Physical Review Letters</i> , 2010, 105, 172501. | 2.9 | 48 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | <p>Measurement of the $\langle \sigma \rangle$ for the $^{12}\text{C} + ^{16}\text{O}$ reaction at $E_{\text{cm}} = 1.784314$ MeV. <i>Physical Review Letters</i>, 1988, 61, 1707-1710.</p> <p>Direct Measurement of the $\langle \sigma \rangle$ for the $^{12}\text{C} + ^{16}\text{O}$ reaction at $E_{\text{cm}} = 1.784314$ MeV. <i>Physical Review Letters</i>, 1988, 61, 1707-1710.</p> | 2.9 | 40 |
| 56 | <p>Unexpected large deformations in ^{60}Ni nuclei produced in the reaction $^{12}\text{C} + ^{30}\text{Si}$. <i>Physical Review C</i>, 1988, 37, 1920-1925.</p> | 7.8 | 40 |
| 57 | <p>Unexpected large deformations in ^{60}Ni nuclei produced in the reaction $^{12}\text{C} + ^{30}\text{Si}$. <i>Physical Review C</i>, 1988, 37, 1920-1925.</p> | 2.9 | 39 |
| 58 | <p>Stopping power, electron screening and the astrophysical $S(E)$ factor of $d(3\text{He},p)^4\text{He}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i>, 2000, 482, 43-49.</p> | 4.1 | 39 |
| 59 | <p>Mortar Dating Methodology: Assessing Recurrent Issues and Needs for Further Research. <i>Radiocarbon</i>, 2017, 59, 1859-1871.</p> | 1.8 | 39 |
| 60 | <p>Revision of the $^{15}\text{N}(p, \alpha)^{12}\text{C}$ and ^{16}O reaction rate and oxygen abundance in H-burning zones. <i>Astronomy and Astrophysics</i>, 2011, 533, A66.</p> <p>Constraining the $^{15}\text{N}(p, \alpha)^{12}\text{C}$ reaction rate and oxygen abundance in H-burning zones. <i>Astronomy and Astrophysics</i>, 2011, 533, A66.</p> | 5.1 | 38 |
| 61 | <p>Constraining the $^{15}\text{N}(p, \alpha)^{12}\text{C}$ reaction rate and oxygen abundance in H-burning zones. <i>Astronomy and Astrophysics</i>, 2011, 533, A66.</p> | | |

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|----|--|------|-----------|
| 73 | Recoil separator ERNA: ion beam specifications. European Physical Journal A, 1999, 6, 471-477. | 2.5 | 25 |
| 74 | Recoil separator ERNA: acceptances in angle and energy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 513, 573-578. | 1.6 | 25 |
| 75 | Shell and explosive hydrogen burning. European Physical Journal A, 2016, 52, 1. | 2.5 | 25 |
| 76 | Applied radiation physics techniques for diagnostic evaluation of the plasma wind and thermal protection system critical parameters in aerospace re-entry. Progress in Aerospace Sciences, 2020, 112, 100550. | 12.1 | 25 |
| 77 | Loss of 8Li recoil nuclei in 7Li(d,p)8Li and implications on the 7Be(p,13)8B cross section. European Physical Journal A, 1998, 3, 1-3. | 2.5 | 24 |
| 78 | Study of the excitation function fluctuations of the dissipative 28Si+48Ti binary collision in the incident energy interval from 206.9 MeV to 213.8 MeV. Zeitschrift für Physik A, 1994, 349, 169-175. | 0.9 | 23 |
| 79 | Study of beam heating effect in a gas target through Rutherford scattering. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 569, 727-731. | 1.6 | 23 |
| 80 | An isotopic method for testing the influence of leaf litter quality on carbon fluxes during decomposition. Oecologia, 2007, 154, 155-166. | 2.0 | 23 |
| 81 | Isotopic evidences for microbiologically mediated and direct C input to soil compounds from three different leaf litters during their decomposition. Environmental Chemistry Letters, 2009, 7, 85-95. | 16.2 | 22 |
| 82 | Measurement of 1323 and 1487 keV resonances in ^{13}N with the recoil separator ERNA. ^{13}N resonances in ^{13}N with the recoil separator ERNA. ^{13}N resonances in ^{13}N with the recoil separator ERNA. | 2.9 | 22 |
| 83 | Intrinsic limits on resolutions in muon- and electron-neutrino charged-current events in the KM3NeT/ORCA detector. Journal of High Energy Physics, 2017, 2017, 1. | 4.7 | 22 |
| 84 | Distribution and sources of plutonium along the coast of Guangxi, China. Nuclear Instruments & Methods in Physics Research B, 2018, 437, 61-65. | 1.4 | 22 |
| 85 | Off-line production of a 7Be radioactive ion beam. Nuclear Instruments & Methods in Physics Research B, 2002, 197, 150-154. | 1.4 | 21 |
| 86 | Recoil separator ERNA: gas target and beam suppression. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 522, 432-438. | 1.6 | 21 |
| 87 | Recoil separator ERNA: Measurement of 3He7Be. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 595, 381-390. | 1.6 | 21 |
| 88 | Is 222Rn a suitable tracer of stream-groundwater interactions? A case study in central Italy. Applied Geochemistry, 2013, 32, 108-117. | 3.0 | 21 |
| 89 | Middle- to late-Holocene relative sea-level changes at Puerto Deseado (Patagonia, Argentina). Holocene, 2014, 24, 307-317. | 1.7 | 21 |
| 90 | Characterization of the LUNA neutron detector array for the measurement of the 13C Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 1.6 | 21 |
| 90 | Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 9 | | |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 91 | Optimization of ²³⁶ U AMS at CIRCE. Radiocarbon, 2010, 52, 286-294. | 1.8 | 20 |
| 92 | ²³⁶ U AMS measurement at CIRCE. Chinese Physics C, 2010, 34, 1729-1732. | 3.7 | 20 |
| 93 | ¹⁴ C Mortar Dating: The Case of the Medieval Shayzar Citadel, Syria. Radiocarbon, 2013, 55, 514-525. | 1.8 | 20 |
| 94 | Mass and abundance ²³⁶ U sensitivities at CIRCE. Nuclear Instruments & Methods in Physics Research B, 2015, 361, 483-487. | 1.4 | 20 |
| 95 | A new approach to monitor ¹³ C-targets degradation in situ for ¹³ C(alpha) Tj ETQq1 1 0.784314 rgBT /Ov 56, 1. | 2.5 | 20 |
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| 109 | Uranium beam characterization at CIRCE for background and contamination determinations. Applied Radiation and Isotopes, 2015, 103, 166-172. | 1.5 | 16 |
| 110 | Stopping power of low-energy deuterons in 3He gas. European Physical Journal A, 2001, 10, 487-491. | 2.5 | 15 |
| 111 | New measurement of 7Be half-life in different metallic environments. European Physical Journal A, 2006, 27, 193-196. | 2.5 | 15 |
| 112 | The Somma-Vesuvius complex and the Phlaegrean Fields caldera: New chronological data of several eruptions of the Copper-Middle Bronze Age period. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 1008-1012. | 1.4 | 15 |
| 113 | New analytical methods for the assessment of natural (238U, 232Th, 226Ra, 40K) and anthropogenic (137Cs) radionuclides as actinides (239Pu, 240Pu): The case study of the Garigliano NPP releases along the Domitia sandy beaches (Southern Italy). Catena, 2020, 193, 104612. | 5.0 | 15 |
| 114 | Proton resonant and direct capture on 28Si. Nuclear Physics A, 1979, 324, 1-11. | 1.5 | 14 |
| 115 | Fusion excitation functions near and below the Coulomb barrier for symmetric and asymmetric medium-mass systems. Nuclear Physics A, 1984, 427, 151-172. | 1.5 | 14 |
| 116 | In-beam study of the doubly-odd nucleus 61 140 Pm79 above the 8 ⁺ \hat{I}^2 +-decaying isomer. Zeitschrift für Physik A, 1993, 347, 93-98. | 0.9 | 14 |
| 117 | Reconstruction of Past Co2 Concentration at a Natural Co2 Vent Site Using Radiocarbon Dating of Tree Rings. Radiocarbon, 2005, 47, 257-263. | 1.8 | 14 |
| 118 | Contribution of Radiocarbon Dating to the Chronology of Eneolithic in Campania (Italy). Geochronometria, 2010, 35, 25-33. | 0.8 | 14 |
| 119 | CAN THE 14C PRODUCTION IN 1055 CE BE AFFECTED BY SN1054?. Radiocarbon, 2020, 62, 1403-1418. | 1.8 | 14 |
| 120 | The Cannero Castle (Italy): Development of Radiocarbon Dating Methodologies in the Framework of the Layered Double Hydroxide Mortars. Radiocarbon, 2020, 62, 617-631. | 1.8 | 14 |
| 121 | Investigation of the reaction $^{35}\text{Cl}(n, \hat{I}^3)^{36}\text{Cl}$. Il Nuovo Cimento A, 1971, 2, 109-121. | 0.2 | 13 |
| 122 | Absolute residue cross sections for $^{46}\text{Ti} + ^{13}\text{C}$ reactions at 36, 46 and 56 MeV. Nuclear Physics A, 1982, 378, 111-129. | 1.5 | 13 |
| 123 | Production of an 8.0 MeV ^7Be ion beam at the naples TTT-3 accelerator. Zeitschrift für Physik A, 1996, 356, 107-109. | 0.9 | 13 |
| 124 | A windowless hydrogen gas target for the measurement of $^7\text{Be}(p, \gamma)^8\text{B}$ with the recoil separator ERNA. European Physical Journal A, 2013, 49, 1. | 2.5 | 13 |
| 125 | Test measurement of $^7\text{Be}(p, \hat{I}^3)^8\text{B}$ with the recoil mass separator ERNA. European Physical Journal A, 2018, 54, 1. | 2.5 | 13 |
| 126 | Reduction of deuterium content in carbon targets for $^{12}\text{C} + ^{12}\text{C}$ reaction studies of astrophysical interest. European Physical Journal A, 2018, 54, 1. | 2.5 | 13 |

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|-----|--|-----|-----------|
| 127 | Direct measurement of the absolute cross section of $p(7\text{Be}, \hat{1}^3)8\text{B}$. Nuclear Physics A, 2001, 688, 539-542. | 1.5 | 12 |
| 128 | The Artemidorus Papyrus: Solving An Ancient Puzzle with Radiocarbon and Ion Beam Analysis Measurements. Radiocarbon, 2010, 52, 356-363. | 1.8 | 12 |
| 129 | Anatomical and chemical analyses on wooden artifacts from a Samnite sanctuary in Hirpinia (Southern Italy). Journal of Archaeological Science, 2015, 57, 370-379. | 2.4 | 12 |
| 130 | AMS radiocarbon dating of mortar: The case study of the medieval UNESCO site of Modena. Nuclear Instruments & Methods in Physics Research B, 2015, 361, 614-619. | 1.4 | 12 |
| 131 | The AMS measurement of ^{236}U at CIRCE. Nuclear Science and Techniques/Hewuli, 2017, 28, 1. | 3.4 | 12 |
| 132 | Interplay between sea level rise and tectonics in the Holocene evolution of the St. Eufemia Plain (Calabria, Italy). Journal of Coastal Conservation, 2017, 21, 903-915. | 1.6 | 12 |
| 133 | $\hat{1}^{13}\text{C}$ values in archaeological ^{14}C -AMS dated charcoals: Assessing mid-Holocene climate fluctuations and human response from a high-resolution isotope record (Arslantepe, Turkey). Rapid Communications in Mass Spectrometry, 2018, 32, 1149-1162. | 1.5 | 12 |
| 134 | High-spin state spectroscopy in ^{143}Tb . Physical Review C, 1999, 60, . | 2.9 | 11 |
| 135 | Background reduction in $^{236}\text{U}/^{238}\text{U}$ measurements. Nuclear Instruments & Methods in Physics Research B, 2015, 361, 454-457. | 1.4 | 11 |
| 136 | Mid-Holocene relative sea-level changes along Atlantic Patagonia: New data from Camarones, Chubut, Argentina. Holocene, 2018, 28, 56-64. | 1.7 | 11 |
| 137 | Identification of the $^{79}\text{147}\text{Er}$ nucleus through $\hat{1}^3$ -recoil coincidences. Zeitschrift für Physik A, 1992, 343, 121-122. | 0.9 | 10 |
| 138 | Ingoing-wave boundary condition versus optical model transmission coefficients: A systematic comparison with particle emission data. Physical Review C, 1995, 51, 1873-1881. | 2.9 | 10 |
| 139 | Measurement of the cross section of $^{12}\text{C}(\hat{1}^{\pm}, \hat{1}^3)^{16}\text{O}$ using the recoil mass separator ERNA. Nuclear Physics A, 2005, 758, 367-370. | 1.5 | 10 |
| 140 | Paleodiet characterisation of an Etrurian population of Pontecagnano (Italy) by Isotope Ratio Mass Spectrometry (IRMS) and Atomic Absorption Spectrometry (AAS)#. Isotopes in Environmental and Health Studies, 2006, 42, 151-158. | 1.0 | 10 |
| 141 | Gamma-decay of the fragmented analogue of the ^{59}Fe ground state. Il Nuovo Cimento A, 1975, 30, 483-497. | 0.2 | 9 |
| 142 | Proton direct capture on ^{40}Ca . Nuclear Physics A, 1983, 394, 405-412. | 1.5 | 9 |
| 143 | ^{137}Cs , ^{60}Co and ^{40}K uptake by lettuce plants in two distributions of soil contamination. Journal of Environmental Radioactivity, 2009, 100, 607-612. | 1.7 | 9 |
| 144 | Characterization of Different Chemical Procedures for ^{14}C Dating of Buried, Cremated, and Modern Bone Samples at Circe. Radiocarbon, 2012, 54, 867-877. | 1.8 | 9 |

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|-----|---|-----|-----------|
| 145 | Radiocarbon Dating of Mortars with a Pozzolana Aggregate Using the Cryo2SoniC Protocol to Isolate the Binder. <i>Radiocarbon</i> , 2018, 60, 617-637. | 1.8 | 9 |
| 146 | Reply to "Comment on 'Unexpected large deformations in Ni-60 nuclei produced in the reaction 120 MeV $^{30}\text{Si} + ^{30}\text{Si} \rightarrow ^{60}\text{Ni} + \dots$ ". <i>Physical Review C</i> , 1989, 40, 2425-2427. | 2.9 | 8 |
| 147 | Pre-equilibrium \hat{I}^3 -ray emission in dissipative heavy-ion collisions. <i>Zeitschrift für Physik A</i> , 1995, 352, 421-425. | 0.9 | 8 |
| 148 | Dependence of radionuclide transfer factor on growth stage for a soil-lettuce plant system. <i>Environmental Modelling and Software</i> , 2002, 17, 545-551. | 4.5 | 8 |
| 149 | Transfer of ^{137}Cs and ^{60}Co from irrigation water to a soil-tomato plant system. <i>Journal of Environmental Radioactivity</i> , 2002, 61, 21-31. | 1.7 | 8 |
| 150 | Recoil separator ERNA: charge state distribution, target density, beam heating, and longitudinal acceptance. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 531, 428-434. | 1.6 | 8 |
| 151 | Late-pleistocene wedge structures along the patagonian coast (argentina): chronological constraints and palaeo-environmental implications. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2014, 96, 161-176. | 1.5 | 8 |
| 152 | A method to stabilise the performance of negatively fed KM3NeT photomultipliers. <i>Journal of Instrumentation</i> , 2016, 11, P12014-P12014. | 1.2 | 8 |
| 153 | Changes in the Near Eastern chronology between the 5th and the 3rd millennium BC: New AMS ^{14}C dates from Arslantepe (Turkey). <i>Nuclear Instruments & Methods in Physics Research B</i> , 2019, 456, 276-282. | 1.4 | 8 |
| 154 | Integrated multi-analytical screening approach for reliable radiocarbon dating of ancient mortars. <i>Scientific Reports</i> , 2022, 12, 3339. | 3.3 | 8 |
| 155 | Pre-equilibrium dipole strength excitation in dissipative heavy-ion collisions. <i>Nuclear Physics A</i> , 1995, 583, 119-121. | 1.5 | 7 |
| 156 | Measurement of $^{25}\text{Mg}(p, \hat{I}^3)^{26}\text{Al}$ resonance strengths via gamma spectrometry. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008, 35, 014013. | 3.6 | 7 |
| 157 | Preliminary Radiocarbon Analyses of Contemporaneous and Archaeological Wood from the Ansanto Valley (Southern Italy). <i>Radiocarbon</i> , 2012, 54, 701-714. | 1.8 | 7 |
| 158 | $^{175}\text{Lu}(n, \hat{I}^3)$ reaction and level structure of ^{176}Lu . <i>Il Nuovo Cimento A</i> , 1972, 8, 748-758. | 0.2 | 6 |
| 159 | AMS at the TTT-3 tandem accelerator in Naples. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1990, 52, 259-262. | 1.4 | 6 |
| 160 | The $\text{D}(^3\text{He}, p)^4\text{He}$ fusion reaction: electron screening effect and astrophysical $S(E)$ factor at low energies. <i>Nuclear Physics A</i> , 2001, 688, 514-517. | 1.5 | 6 |
| 161 | Accelerator mass spectrometry at the 4 MV Dynamitron Tandem in Bochum. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2004, 222, 255-260. | 1.4 | 6 |
| 162 | Recent results of the $^{14}\text{N}(p, \hat{I}^3)^{15}\text{O}$ measurement at LUNA. <i>Nuclear Physics A</i> , 2005, 758, 383-386. | 1.5 | 6 |

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|-----|--|-----|-----------|
| 163 | Decay of ^7Be in metallic environment. Nuclear Physics A, 2005, 758, 697-700. | 1.5 | 6 |
| 164 | Widespread Fossil CO_2 in the Ansanto Valley (Italy): Dendrochronological, ^{14}C , and ^{13}C Analyses on Tree Rings. Radiocarbon, 2013, 55, 1114-1122. | 1.8 | 6 |
| 165 | ColPuS, a new multi-isotope plutonium standard for Accelerator Mass Spectrometry. Nuclear Instruments & Methods in Physics Research B, 2019, 438, 189-192. | 1.4 | 6 |
| 166 | A new revised chronology and cultural sequence of the Swat valley, Khyber Pakhtunkhwa (Pakistan) in the light of current excavations at Barikot (Bir-kot-ghwandai). Nuclear Instruments & Methods in Physics Research B, 2019, 456, 148-156. | 1.4 | 6 |
| 167 | THE BEGINNING OF THE IRON AGE AT ARSLANTEPE: A ^{14}C PERSPECTIVE. Radiocarbon, 2021, 63, 885-903. | 1.8 | 6 |
| 168 | Preequilibrium emission and target-projectile-like correlations for ^{20}Ne at $E(20\text{Ne})=740$ MeV. Physical Review C, 1989, 39, 834-840. | 2.9 | 5 |
| 169 | Identification of high spin states in ^{146}Dy through ^3He -recoil coincidences. Zeitschrift für Physik A, 1992, 341, 371-372. | 0.9 | 5 |
| 170 | High-energy ^3He -rays measured in coincidence with ^3He -particles in the reaction at $E_{\text{lab}} = 121.7$ MeV. Nuclear Physics A, 1995, 583, 123-126. | 1.5 | 5 |
| 171 | Absolute cross section of $p(^7\text{Be}, ^3\text{He})^8\text{B}$ using a novel approach. European Physical Journal A, 2000, 7, 303-305. | 2.5 | 5 |
| 172 | Influence of the $^{12}\text{C}(^3\text{He}, ^3\text{He})^{16}\text{O}$ reaction rate on the evolution of a $15M_{\odot}$ star. Nuclear Physics A, 2001, 688, 249-253. | 1.5 | 5 |
| 173 | Publisher's Note: Astrophysical S factor of the $^3\text{He}(^3\text{He})^7\text{Be}$ reaction measured at low energy via detection of prompt and delayed ^3He rays [Phys. Rev. C75, 065803 (2007)]. Physical Review C, 2007, 75, . | 2.9 | 5 |
| 174 | ^{14}C , ^{15}N beam from cyanide compounds. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 689, 98-101. | 1.6 | 5 |
| 175 | Characterisation of a new protocol for mortar dating: ^{14}C evidences. Open Journal of Archaeometry, 2014, 2, . | 0.2 | 5 |
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