Filippo Terrasi

List of Publications by Year in descending order

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254 papers	6,483 citations	61984 43 h-index	91884 69 g-index
261 all docs	261 docs citations	261 times ranked	3738 citing authors

#	Article	IF	Citations
1	Direct measurements of the ¹²C(¹²C,p)²³Na and ¹²C(¹²C,Î±)²⁰Ne reactions at low energies for Nuclear Astrophysics. EPJ Web of Conferences, 2022, 260, 01006.	0.3	0
2	Integrated multi-analytical screening approach for reliable radiocarbon dating of ancient mortars. Scientific Reports, 2022, 12, 3339.	3.3	8
3	Direct measurements of the ^{12}C+^{12}C reactions cross-sections towards astrophysical energies. European Physical Journal A, 2022, 58, 1.	2.5	3
4	Characterization of the analytical performance of Î´¹⁵N and Î´¹⁸O measurements by the silver nitrate method in the framework of nitrate source apportioning. Rapid Communications in Mass Spectrometry, 2021, 35, e9009.	1.5	1
5	A genetic history of the pre-contact Caribbean. Nature, 2021, 590, 103-110.	27.8	67
6	THE BEGINNING OF THE IRON AGE AT ARSLANTEPE: A¹⁴C PERSPECTIVE. Radiocarbon, 2021, 63, 885-903.	1.8	6
7	Characterization of the LUNA neutron detector array for the measurement of the 13C(<mml:math) Tj ETQq1 1 0.784314 rgBT /Overlock Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021,	1.6	21
8	The wooden sculptures from Mephitisâ€™ sanctuary (Southern Italy). A dendrotypological approach for the analysis of woodworking technologies. Journal of Archaeological Science: Reports, 2021, 38, 103043.	0.5	0
9	measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">C</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>13</mml:mn></mml:mrow></mml:mmultiscripts><mml:mo stretchy="false">(</mml:mo><mml:mi>Î±</mml:mi><mml:mo>,</mml:mo><mml:mi>n</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgBT	7.8	40
10	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
11	CAN THE 14C PRODUCTION IN 1055 CE BE AFFECTED BY SN1054?. Radiocarbon, 2020, 62, 1403-1418.	1.8	14
12	Stable Oxygen and Carbon Isotope Composition of Holocene Mytilidae from the Camarones Coast (Chubut, Argentina): Palaeoceanographic Implications. Water (Switzerland), 2020, 12, 3464.	2.7	2
13	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
14	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
15	A new approach to monitor $$^{13}hbox {C}$$-targets degradation in situ for $$^{13}hbox {C}(alpha) Tj ETQq1 1 0.784314 rgBT /O 56, 1.	2.5	20
16	Space-time Bayesian analysis of the environmental impact of a dismissing nuclear power plant. Journal of Environmental Radioactivity, 2020, 218, 106241.	1.7	2
17	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
18	Accelerator Mass Spectrometry Analysis of 237NP in Environmental Samples. Radiocarbon, 2019, 61, 1423-1430.	1.8	1

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19	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
20	Selecting the Most Reliable ¹⁴C Dating Material Inside Mortars: the Origin of the Padua Cathedral. Radiocarbon, 2019, 61, 375-393.	1.8	31
21	Changes in the Near Eastern chronology between the 5th and the 3rd millennium BC: New AMS 14C dates from Arslantepe (Turkey). Nuclear Instruments & Methods in Physics Research B, 2019, 456, 276-282.	1.4	8
22	Radiocarbon Dating of Mortars with a Pozzolana Aggregate Using the Cryo2SoniC Protocol to Isolate the Binder. Radiocarbon, 2018, 60, 617-637.	1.8	9
23	Î´¹³C values in archaeological ¹⁴Câ€AMS dated charcoals: Assessing midâ€Holocene climate fluctuations and human response from a highâ€resolution isotope record (Arslantepe, Turkey). Rapid Communications in Mass Spectrometry, 2018, 32, 1149-1162.	1.5	12
24	Elemental analysis using ED-XRF and ¹⁴C dating of Cuman wall paintings samples. Journal of Instrumentation, 2018, 13, C04027-C04027.	1.2	1
25	Mid-Holocene relative sea-level changes along Atlantic Patagonia: New data from Camarones, Chubut, Argentina. Holocene, 2018, 28, 56-64.	1.7	11
26	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
27	AMS assessment of U-contamination of structural materials of the Garigliano NPP under decommissioning. Journal of Environmental Radioactivity, 2018, 187, 144-150.	1.7	4
28	Measurement of 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 /><mml:mn>12</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mmultiscripts><mml:mi) Tj ETQq0 0 0 rgBT /Overlock 10	2.9	40
29	Test measurement of 7Be(p, $gamma$ Î³)8B with the recoil mass separator ERNA. European Physical Journal A, 2018, 54, 1.	2.5	13
30	Reduction of deuterium content in carbon targets for 12C + 12C reaction studies of astrophysical interest. European Physical Journal A, 2018, 54, 1.	2.5	13
31	Measurements of Î´ 11 B in water by use of a mass spectrometer with accelerator. Nuclear Instruments & Methods in Physics Research B, 2017, 412, 109-114.	1.4	1
32	Î´ 13 C and Î´ 15 N from 14 C-AMS dated cereal grains reveal agricultural practices during 4300â€“2000 BC at Arslantepe (Turkey). Review of Palaeobotany and Palynology, 2017, 247, 164-174.	1.5	19
33	Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">N</mml:mi><mml:mprescripts /><mml:none /><mml:mn>15</mml:mn></mml:mmultiscripts><mml:mo>(</mml:mo><mml:mi>Î±</mml:mi><mml:mo>,</mml:mo><mml:mmultiscripts><mml:mi mathvariant="normal">F</mml:mi><mml:mprescripts /><mml:none /><mml:mn>19</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> with the recoil separator ERNA	2.9	22
34	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
35	Preparation and Dating of Mortar Samplesâ€”Mortar Dating Inter-Comparison Study (MODIS). Radiocarbon, 2017, 59, 1845-1858.	1.8	44
36	The AMS measurement of 236U at CIRCE. Nuclear Science and Techniques/Hewuli, 2017, 28, 1.	3.4	12

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37	Mortar Dating Methodology: Assessing Recurrent Issues and Needs for Further Research. Radiocarbon, 2017, 59, 1859-1871.	1.8	39
38	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
39	A method to stabilise the performance of negatively fed KM3NeT photomultipliers. Journal of Instrumentation, 2016, 11, P12014-P12014.	1.2	8
40	Magma transfer at Campi Flegrei caldera (Italy) before the 1538 AD eruption. Scientific Reports, 2016, 6, 32245.	3.3	116
41	Shell and explosive hydrogen burning. European Physical Journal A, 2016, 52, 1.	2.5	25
42	Mass and abundance 236U sensitivities at CIRCE. Nuclear Instruments & Methods in Physics Research B, 2015, 361, 483-487.	1.4	20
43	Convento di San Francesco a Folloni: the function of a Medieval Franciscan Friary seen through the burials. Heritage Science, 2015, 3, .	2.3	18
44	Study of236U/238U ratio at CIRCE using a 16-strip silicon detector with a TOF system. EPJ Web of Conferences, 2015, 91, 00003.	0.3	0
45	Background reduction in 236U/238U measurements. Nuclear Instruments & Methods in Physics Research B, 2015, 361, 454-457.	1.4	11
46	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
47	Uranium beam characterization at CIRCE for background and contamination determinations. Applied Radiation and Isotopes, 2015, 103, 166-172.	1.5	16
48	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
49	AMS 14C dating at CIRCE: The Major Temple in Cumae (NA â€“ Italy). Nuclear Instruments & Methods in Physics Research B, 2015, 361, 654-658.	1.4	1
50	Characterisation of a new protocol for mortar dating: 14C evidences. Open Journal of Archaeometry, 2014, 2, .	0.2	5
51	Underground study of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>O</mml:mi><mml:mprescripts /><mml:none /><mml:mn>17</mml:mn></mml:mmultiscripts><mml:mrow><mml:mo>(</mml:mo><mml:mi>p</mml:mi><mml:mo>,</mml:mo><mml:mi /><mml:none /><mml:mn>18</mml:mn></mml:mmultiscripts></mml:math>reaction relevant for explosive hydrogen burning. Physical Review C, 2014, 89, .	2.9	53
52	A pair spectrometer for nuclear astrophysics experiments. European Physical Journal A, 2014, 50, 1.	2.5	1
53	Middle- to late-Holocene relative sea-level changes at Puerto Deseado (Patagonia, Argentina). Holocene, 2014, 24, 307-317.	1.7	21
54	Lateâ€pleistocene wedge structures along the patagonian coast (argentina): chronological constraints and palaeoâ€environmental implications. Geografiska Annaler, Series A: Physical Geography, 2014, 96, 161-176.	1.5	8

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55	IMPACT OF A REVISED²⁵Mg(p, Î³)²⁶Al REACTION RATE ON THE OPERATION OF THE Mg-Al CYCLE. Astrophysical Journal, 2013, 763, 100.	4.5	52
56	A windowless hydrogen gas target for the measurement of 7Be(p, $ gamma$)8B with the recoil separator ERNA. European Physical Journal A, 2013, 49, 1.	2.5	13
57	Is 222Rn a suitable tracer of streamâ€“groundwater interactions? A case study in central Italy. Applied Geochemistry, 2013, 32, 108-117.	3.0	21
58	Holocene palaeofires in Neotropics high mountains: The contribution of soil charcoal analysis. Quaternary International, 2013, 289, 71-77.	1.5	3
59	Actinides AMS at CIRCE and 236U and Pu measurements of structural and environmental samples from in and around a mothballed nuclear power plant. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 152-159.	1.4	33
60	Evidences for the view of the importance of Hepu seaport in ancient China. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 688-691.	1.4	1
61	Accelerator mass spectrometry 14C dating of lime mortars: Methodological aspects and field study applications at CIRCE (Italy). Nuclear Instruments & Methods in Physics Research B, 2013, 294, 246-251.	1.4	28
62	¹⁴C Mortar Dating: The Case of the Medieval Shayzar Citadel, Syria. Radiocarbon, 2013, 55, 514-525.	1.8	20
63	Biomass Growth Rate of Trees from Cameroon Based on ¹⁴C Analysis and Growth Models. Radiocarbon, 2013, 55, 885-893.	1.8	2
64	Radiocarbon Dating of Ancient Canoes from Guangxi, China. Radiocarbon, 2013, 55, 1366-1370.	1.8	0
65	Widespread Fossil CO₂ in the Ansanto Valley (Italy): Dendrochronological, ¹⁴C, and ¹³C Analyses on Tree Rings. Radiocarbon, 2013, 55, 1114-1122.	1.8	6
66	Biomass Growth Rate of Trees from Cameroon Based on 14C Analysis and Growth Models. Radiocarbon, 2013, 55, .	1.8	0
67	Widespread Fossil CO2 in the Ansanto Valley (Italy): Dendrochronological, 14C, and 13C Analyses on Tree Rings. Radiocarbon, 2013, 55, .	1.8	0
68	14C Mortar Dating: The Case of the Medieval Shayzar Citadel, Syria. Radiocarbon, 2013, 55, .	1.8	1
69	High-Resolution Archaeoenvironmental Study of a Cultic Episode at a Statue-Menhir Copper Age Site (Ossimo AnvÃ²ia, Italian Alps). Radiocarbon, 2013, 55, 49-58.	1.8	2
70	Radiocarbon Dating of Ancient Canoes from Guangxi, China. Radiocarbon, 2013, 55, .	1.8	0
71	Beeswax as Dental Filling on a Neolithic Human Tooth. PLoS ONE, 2012, 7, e44904.	2.5	69
72	First Direct Measurement of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="bold">O</mml:mi><mml:mprescripts /><mml:none /><mml:mn>17</mml:mn></mml:mmultiscripts><mml:mo stretchy="false">(</mml:mo><mml:mi>p</mml:mi><mml:mo>,</mml:mo><mml:mi>Î³</mml:mi><mml:mo) Tj ETQq1 0 0 rgBT /Overlock mathvariant="bold">F</mml:mi><mml:mprescripts /><mml:none /><mml:mn>18</mml:mn></mml:mmultis		

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73	New insights on the Holocene marine transgression in the BahÃa Camarones (Chubut, Argentina). Italian Journal of Geosciences, 2012, , 19-31.	0.8	2
74	14,15N 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
75	Preparation and characterisation of isotopically enriched Ta2O5 targets for nuclear astrophysics studies. European Physical Journal A, 2012, 48, 1.	2.5	43
76	Characterization of Different Chemical Procedures for 14C Dating of Buried, Cremated, and Modern Bone Samples at Circe. Radiocarbon, 2012, 54, 867-877.	1.8	9
77	Preliminary Radiocarbon Analyses of Contemporaneous and Archaeological Wood from the Ansanto Valley (Southern Italy). Radiocarbon, 2012, 54, 701-714.	1.8	7
78	Assessment of the radiological impact of a decommissioned nuclear power plant in Italy. Radioprotection, 2012, 47, 285-297.	1.0	16
79	The 25Mg(p,â€‰Î³)26Al reaction at low astrophysical energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 60-65.	4.1	64
80	Mortar Radiocarbon Dating: Preliminary Accuracy Evaluation of a Novel Methodology. Analytical Chemistry, 2011, 83, 2038-2045.	6.5	45
81	Revision of the¹⁵N(p,Î³)¹⁶O reaction rate and oxygen abundance in H-burning zones. Astronomy and Astrophysics, 2011, 533, A66.	5.1	38
82	Forensic applications of 14C at CIRCE. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 3171-3171.	1.4	4
83	Study of the 6.05 MeV cascade transition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mmultiscripts><mml:mi mathvariant="normal">C</mml:mi><mml:mprescripts /><mml:none /><mml:mn>12</mml:mn></mml:mmultiscripts><mml:mo		

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91	Age of submarine debris avalanches and tephrostratigraphy offshore Ischia Island, Tyrrhenian Sea, Italy. Marine Geology, 2010, 278, 1-18.	2.1	56
92	The Sommaâ€“Vesuvius complex and the Phlaegrean Fields caldera: New chronological data of several eruptions of the Copperâ€“Middle Bronze Age period. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 1008-1012.	1.4	15
93	Comparison of different soil organic matter fractionation methodologies: Evidences from ultrasensitive 14C measurements. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 1062-1066.	1.4	19
94	The Artemidorus Papyrus: Solving An Ancient Puzzle with Radiocarbon and Ion Beam Analysis Measurements. Radiocarbon, 2010, 52, 356-363.	1.8	12
95	Optimization of 236U AMS at CIRCE. Radiocarbon, 2010, 52, 286-294.	1.8	20
96	236 U AMS measurement at CIRCE. Chinese Physics C, 2010, 34, 1729-1732.	3.7	20
97	Contribution of Radiocarbon Dating to the Chronology of Eneolithic in Campania (Italy). Geochronometria, 2010, 35, 25-33.	0.8	14
98	Constraining the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>S</mml:mi></mml:mrow></mml:math>factor of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">N</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>15</mml:mn></mml:mrow></mml:mmultiscripts><mml:mo		

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109	7Be radioactive beam production at CIRCE and its utilization in basic and applied physics. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 2117-2121.	1.4	19
110	The S-factor at solar energies: The prompt Î³ experiment at LUNA. Nuclear Physics A, 2008, 814, 144-158.	1.5	71
111	Volcanic soil formation in Calabria (southern Italy): The Cecita Lake geosol in the late Quaternary geomorphological evolution of the Sila uplands. Journal of Volcanology and Geothermal Research, 2008, 177, 101-117.	2.1	41
112	Ground state capture in ¹⁴N(p,Î³)¹⁵O studied above the 259 keV resonance at LUNA. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014019.	3.6	2
113	Measurement of25Mg(p, Î³)26Al resonance strengths via gamma spectrometry. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014013.	3.6	7
114	Comparison of the LUNA³He(Î±, Î³)⁷Be activation results with earlier measurements and model calculations. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014002.	3.6	2
115	Nuclear Astrophysics At LUNA: Status And Perspectives. AIP Conference Proceedings, 2008, , .	0.4	3
116	Precision study of ground state capture in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mi /><mml:mrow><mml:mn>14</mml:mn></mml:mrow></mml:msup><mml:mi mathvariant="normal">N</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>p</mml:mi><mml:mo>,</mml:mo><mml:mi>Î³</mml:mi><mml:mo) Tj ETQq0 0 0 rgBT /Overlock	2.9	78
117	/><mml:mrow><mml:mn>15</mml:mn></mml:mrow><Zinc Reduction as an Alternative Method for AMS Radiocarbon Dating: Process Optimization at Circe. Radiocarbon, 2008, 50, 139-149.	1.8	76
118	AstrophysicalSfactor of theHe3(Î±,Î³)Be7reaction measured at low energy via detection of prompt and delayed Î³ rays. Physical Review C, 2007, 75, .	2.9	117
119	He3(Î±,Î³)Be7cross section at low energies. Physical Review C, 2007, 75, .	2.9	86
120	Publisher's Note: AstrophysicalSfactor of theHe3(Î±,Î³)Be7reaction measured at low energy via detection of prompt and delayed Î³ rays [Phys. Rev. C75, 065803 (2007)]. Physical Review C, 2007, 75, .	2.9	5
121	Radiocarbon Sample Preparation at the Circe AMS Laboratory in Caserta, Italy. Radiocarbon, 2007, 49, 225-232.	1.8	49
122	A new AMS facility in Caserta/Italy. Nuclear Instruments & Methods in Physics Research B, 2007, 259, 14-17.	1.4	53
123	An isotopic method for testing the influence of leaf litter quality on carbon fluxes during decomposition. Oecologia, 2007, 154, 155-166.	2.0	23
124	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
125	Î³-ray detection possibilities in the European Recoil Separator for Nuclear Astrophysics. AIP Conference Proceedings, 2006, , .	0.4	0
126	Underground measurement of 14N(p, Î³)15O astrophysical factor at low energy. Journal of Physics: Conference Series, 2006, 39, 263-265.	0.4	0

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127	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
128			

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145	RECENT DEVELOPMENTS IN NUCLEAR ASTROPHYSICS IN ITALY. , 2005, , .		0
146	Recent results of the 14N(p,Î³)15O measurement at LUNA. Nuclear Physics A, 2005, 758, 383-386.	1.5	6
147	Decay of 7Be in metallic environment. Nuclear Physics A, 2005, 758, 697-700.	1.5	6
148	Measurement of the cross section of 12C(Î±, Î³)16O using the recoil mass separator ERNA. Nuclear Physics A, 2005, 758, 367-370.	1.5	10
149	Feasibility of low-energy radiative-capture experiments at the LUNA underground accelerator facility. European Physical Journal A, 2005, 24, 313-319.	2.5	64
150	S-factor of 14N(p,Î³)15O at astrophysical energiesâ‹†. European Physical Journal A, 2005, 25, 455-466.	2.5	203
151	First direct measurement of the total cross-section of 12C(Î±,Î³)16O. European Physical Journal A, 2005, 26, 301-305.	2.5	69
152	Optimized sample preparation for isotopic analyses of CO2 in air: systematic study of precision and accuracy dependence on driving variables during CO2 purification process. Journal of Mass Spectrometry, 2005, 40, 1104-1108.	1.6	17
153	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
154	Recent results from the LUNA facility at Gran Sasso. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, S1537-S1540.	3.6	3
155	Electron screening in d(d, p)t for deuterated metals: temperature effects. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, 1141-1149.	3.6	52
156	The bottleneck of CNO burning and the age of Globular Clusters. Astronomy and Astrophysics, 2004, 420, 625-629.	5.1	121
157	Accelerator mass spectrometry at the 4 MV Dynamitron Tandem in Bochum. Nuclear Instruments & Methods in Physics Research B, 2004, 222, 255-260.	1.4	6
158	Enhanced electron screening in d(d,p)t for deuterated metals. European Physical Journal A, 2004, 19, 283-287.	2.5	97
159	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
160	Astrophysical S-factor of 14N(p,Î³)15O. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 591, 61-68.	4.1	289
161	Recoil separator ERNA: charge state distribution, target density, beam heating, and longitudinal acceptance. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 531, 428-434.	1.6	8
162	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

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163	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
164	Charge state studies of low energy heavy ions passing through hydrogen and helium gas. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 496, 198-214.	1.6	30
165	Wear Measurements By Means Of Radioactive Ion Implantation. AIP Conference Proceedings, 2003, , .	0.4	2
166	The Problem of Recreational Sport in Patients with Mild to Moderate Heart Failure. , 2003, , 123-129.		0
167	New Determination of 12C(Î±,Î³)16O Reaction Rate And Impact on WD Models. , 2003, , 25-26.		0
168	Off-line production of a 7Be radioactive ion beam. Nuclear Instruments & Methods in Physics Research B, 2002, 197, 150-154.	1.4	21
169	Enhanced electron screening in d (d, p)t for deuterated Ta*. European Physical Journal A, 2002, 13, 377-382.	2.5	94
170	Dependence of radionuclide transfer factor on growth stage for a soil-lettuce plant system. Environmental Modelling and Software, 2002, 17, 545-551.	4.5	8
171	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
172	Electron screening in d(d,p)t for deuterated metals and the periodic table. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 547, 193-199.	4.1	80
173	First measurement of the d(p,Î³)3He cross section down to the solar Gamow peak. Nuclear Physics A, 2002, 706, 203-216.	1.5	148
174	Transfer of 137Cs and 60Co from irrigation water to a soilâ€“tomato plant system. Journal of Environmental Radioactivity, 2002, 61, 21-31.	1.7	8
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