

# Peter Steier

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

181  
papers

4,907  
citations

35  
h-index

62  
g-index

190  
ext. papers

5,701  
ext. citations

5.1  
avg, IF

5.24  
L-index

#	Paper	IF	Citations
181	Deciphering anthropogenic uranium sources in the equatorial northwest Pacific margin. <i>Science of the Total Environment</i> , <b>2022</b> , 806, 150482	10.2	0
180	Late Pleistocene glacial advances, equilibrium-line altitude changes and paleoclimate in the Jakupica Mts (North Macedonia). <i>Catena</i> , <b>2022</b> , 216, 106383	5.8	0
179	A record of <sup>241</sup> Am, <sup>236</sup> U, <sup>238</sup> U, <sup>239</sup> Pu, <sup>240</sup> Pu, <sup>134</sup> Cs and <sup>137</sup> Cs in surface seawater and <sup>241</sup> Am in aerosols shortly after the FDNPP incident occurred. <i>Geochemical Journal</i> , <b>2021</b> , 55, 33-38	0.9	0
178	Anthropogenic U and U in the Baltic Sea: Distributions, source terms, and budgets.. <i>Water Research</i> , <b>2021</b> , 210, 117987	12.5	0
177	Revisiting the Middle and Upper Palaeolithic archaeology of Gruta do Caldeirã (Tomar, Portugal). <i>PLoS ONE</i> , <b>2021</b> , 16, e0259089	3.7	3
176	Cova de les Malladetes (Valencia, Spain): New Insights About the Early Upper Palaeolithic in the Mediterranean Basin of the Iberian Peninsula. <i>Journal of Paleolithic Archaeology</i> , <b>2021</b> , 4, 1	2.4	6
175	Prehistoric salt mining in Hallstatt, Austria. New chronologies out of small wooden fragments. <i>Dendrochronologia</i> , <b>2021</b> , 66, 125814	2.8	6
174	70-Year Anthropogenic Uranium Imprints of Nuclear Activities in Baltic Sea Sediments. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 8918-8927	10.3	4
173	An unknown source of reactor radionuclides in the Baltic Sea revealed by multi-isotope fingerprints. <i>Nature Communications</i> , <b>2021</b> , 12, 823	17.4	9
172	On the Quality Control for the Determination of Ultratrace-Level U and U in Environmental Samples by Accelerator Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 3362-3369	7.8	3
171	Highly sensitive <sup>26</sup> Al measurements by Ion-Laser-InterAction Mass Spectrometry. <i>International Journal of Mass Spectrometry</i> , <b>2021</b> , 465, 116576	1.9	4
170	Comparison and performance of two cosmogenic nuclide sample preparation procedures of in situ produced <sup>10</sup> Be and <sup>26</sup> Al. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2021</b> , 329, 1523-1536	1.5	1
169	First dataset of U and U around the Greenland coast: A 5-year snapshot (2012-2016). <i>Chemosphere</i> , <b>2020</b> , 257, 127185	8.4	6
168	The quest for AMS of <sup>182</sup> Hf [why poor gas gives pure beams. <i>EPJ Web of Conferences</i> , <b>2020</b> , 232, 02003	0.3	3
167	Pushing Limits of ICP-MS/MS for the Determination of Ultralow U/U Isotope Ratios. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 7869-7876	7.8	8
166	Nature Does the Averaging [In-Situ Produced <sup>10</sup> Be, <sup>21</sup> Ne, and <sup>26</sup> Al in a Very Young River Terrace. <i>Geosciences (Switzerland)</i> , <b>2020</b> , 10, 237	2.7	4
165	U/U signature allows to distinguish environmental emissions of civil nuclear industry from weapons fallout. <i>Nature Communications</i> , <b>2020</b> , 11, 1275	17.4	19

164	Determining the age and possibility for an extraterrestrial impact formation mechanism of the Ilumetsa structures (Estonia). <i>Meteoritics and Planetary Science</i> , <b>2020</b> , 55, 274-293	2.8	2
163	Radiocarbon analysis of carbonaceous aerosols in Bratislava, Slovakia. <i>Journal of Environmental Radioactivity</i> , <b>2020</b> , 218, 106221	2.4	5
162	New fluoride target matrix preparation procedure for determination of <sup>236</sup> U with accelerator mass spectrometry. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2020</b> , 472, 64-71	1.2	5
161	Search for beta-delayed proton emission from ( <sup>11</sup> )Be. <i>European Physical Journal A</i> , <b>2020</b> , 56, 1	2.5	6
160	The movements of Alpine glaciers throughout the last 10,000 years as sensitive proxies of temperature and climate changes. <i>EPJ Web of Conferences</i> , <b>2020</b> , 232, 02002	0.3	1
159	<sup>36</sup> Cl in a new light: AMS measurements assisted by ion-laser interaction. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2019</b> , 456, 163-168	1.2	3
158	The actinide beamline at VERA. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2019</b> , 458, 82-89	1.2	7
157	<sup>129</sup> I concentration in a high-mountain environment. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2019</b> , 456, 193-202	1.2	
156	The ILIAMS project [An RFQ ion beam cooler for selective laser photodetachment at VERA. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2019</b> , 456, 213-217	1.2	6
155	2500 years of anthropogenic and climatic landscape transformation in the Stymphalia polje, Greece. <i>Quaternary Science Reviews</i> , <b>2019</b> , 213, 133-154	3.9	14
154	Update on the Absolute Chronology of the Migration period in Central Europe (375-68 AD): new data from Maria Pöschel, Lower Austria. <i>Radiocarbon</i> , <b>2019</b> , 61, 1653-1662	4.6	1
153	Radionuclides in surface waters around the damaged Fukushima Daiichi NPP one month after the accident: Evidence of significant tritium release into the environment. <i>Science of the Total Environment</i> , <b>2019</b> , 689, 451-456	10.2	19
152	Comparison of methods for the detection of <sup>10</sup> Be with AMS and a new approach based on a silicon nitride foil stack. <i>International Journal of Mass Spectrometry</i> , <b>2019</b> , 444, 116-175	1.9	7
151	<sup>14</sup> C Bomb Peak Analysis of African Elephant Tusks and its Relation to CITES. <i>Radiocarbon</i> , <b>2019</b> , 61, 1619-1624	4.6	6
150	<sup>14</sup> C-Dating of the Late Bronze Age City of Hala Sultan Tekke, Cyprus: Status Report. <i>Radiocarbon</i> , <b>2019</b> , 61, 1253-1264	4.6	1
149	Stellar and thermal neutron capture cross section of <sup>9</sup> Be. <i>Physical Review C</i> , <b>2019</b> , 99,	2.7	1
148	The increase of soil organic carbon as proposed by the "4/1000 initiative" is strongly limited by the status of soil development - A case study along a substrate age gradient in Central Europe. <i>Science of the Total Environment</i> , <b>2018</b> , 628-629, 840-847	10.2	15
147	Radiocarbon re-dating of contact-era Iroquoian history in northeastern North America. <i>Science Advances</i> , <b>2018</b> , 4, eaav0280	14.3	25

146	Limits on Supernova-Associated $^{60}\text{Fe}/^{26}\text{Al}$ Nucleosynthesis Ratios from Accelerator Mass Spectrometry Measurements of Deep-Sea Sediments. <i>Physical Review Letters</i> , <b>2018</b> , 121, 221103	7.4	12
145	Selective laser photodetachment of intense atomic and molecular negative ion beams with the ILIAS RFQ ion beam cooler. <i>International Journal of Mass Spectrometry</i> , <b>2017</b> , 415, 9-17	1.9	9
144	Plutonium Isotopes (Pu) Dissolved in Pacific Ocean Waters Detected by Accelerator Mass Spectrometry: No Effects of the Fukushima Accident Observed. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 2031-2037	10.3	15
143	Vertical distribution of U in the North Pacific Ocean. <i>Journal of Environmental Radioactivity</i> , <b>2017</b> , 169-170, 70-78	2.4	20
142	Reconstruction of the temporal distribution of $^{236}\text{U}/^{238}\text{U}$ in the Northwest Pacific Ocean using a coral core sample from the Kuroshio Current area. <i>Marine Chemistry</i> , <b>2017</b> , 190, 28-34	3.7	11
141	Anthropogenic U in Danish Seawater: Global Fallout versus Reprocessing Discharge. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 6867-6876	10.3	20
140	The Tyrolean Iceman and His Glacial Environment During the Holocene. <i>Radiocarbon</i> , <b>2017</b> , 59, 395-405	4.6	11
139	D-REAMS: A New Compact AMS System for Radiocarbon Measurements at the Weizmann Institute of Science, Rehovot, Israel. <i>Radiocarbon</i> , <b>2017</b> , 59, 775-784	4.6	21
138	Radiocarbon concentration in tree-ring samples collected in the south-west Slovakia (1974-2013). <i>Applied Radiation and Isotopes</i> , <b>2017</b> , 126, 58-60	1.7	8
137	Precise measurement of the thermal and stellar $\text{Fe}^{54}(\text{n},\text{n}')\text{Fe}^{55}$ cross sections via accelerator mass spectrometry. <i>Physical Review C</i> , <b>2017</b> , 96,	2.7	9
136	Precise dating of the Middle-to-Upper Paleolithic transition in Murcia (Spain) supports late Neandertal persistence in Iberia. <i>Heliyon</i> , <b>2017</b> , 3, e00435	3.6	83
135	Preparation Methods of $\delta^{13}\text{C}$ Carbon Samples for $^{14}\text{C}$ Measurements. <i>Radiocarbon</i> , <b>2017</b> , 59, 803-814	4.6	9
134	Multiactinide Analysis with Accelerator Mass Spectrometry for Ultratrace Determination in Small Samples: Application to an in Situ Radionuclide Tracer Test within the Colloid Formation and Migration Experiment at the Grimsel Test Site (Switzerland). <i>Analytical Chemistry</i> , <b>2017</b> , 89, 7182-7189	7.8	5
133	Sorption of uranium on freshly prepared hydrous titanium oxide and its utilization in determination of $^{236}\text{U}$ using accelerator mass spectrometry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2017</b> , 311, 447-453	1.5	4
132	Temporal and vertical distributions of anthropogenic $^{236}\text{U}$ in the Japan Sea using a coral core and seawater samples. <i>Journal of Geophysical Research: Oceans</i> , <b>2016</b> , 121, 4-13	3.3	21
131	Sphagnum-dominated bog systems are highly effective yet variable sources of bio-available iron to marine waters. <i>Science of the Total Environment</i> , <b>2016</b> , 556, 53-62	10.2	25
130	European roe deer antlers as an environmental archive for fallout ( $^{236}\text{U}$ and ( $^{239}\text{Pu}$ ). <i>Journal of Environmental Radioactivity</i> , <b>2016</b> , 151 Pt 3, 587-92	2.4	8
129	Dating a small impact crater: An age of Kaali crater (Estonia) based on charcoal emplaced within proximal ejecta. <i>Meteoritics and Planetary Science</i> , <b>2016</b> , 51, 681-695	2.8	9

128	Recent near-Earth supernovae probed by global deposition of interstellar radioactive (60)Fe. <i>Nature</i> , <b>2016</b> , 532, 69-72	50.4	152
127	First study on U in the Northeast Pacific Ocean using a new target preparation procedure for AMS measurements. <i>Journal of Environmental Radioactivity</i> , <b>2016</b> , 162-163, 244-250	2.4	18
126	Predicting soil organic matter stability in agricultural fields through carbon and nitrogen stable isotopes. <i>Soil Biology and Biochemistry</i> , <b>2015</b> , 88, 29-38	7.5	36
125	Accelerator Mass Spectrometry of Actinides in Ground- and Seawater: An Innovative Method Allowing for the Simultaneous Analysis of U, Np, Pu, Am, and Cm Isotopes below ppq Levels. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 5766-73	7.8	21
124	On the effect of organic carbon on rehydroxylation (RHX) dating. <i>Journal of Archaeological Science</i> , <b>2015</b> , 57, 92-97	2.9	10
123	Abundance of live <sup>238</sup> Pu in deep-sea reservoirs on Earth points to rarity of actinide nucleosynthesis. <i>Nature Communications</i> , <b>2015</b> , 6, 5956	17.4	111
122	Method for (236)U Determination in Seawater Using Flow Injection Extraction Chromatography and Accelerator Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 7411-7	7.8	20
121	A new IBA-AMS laboratory at the Comenius University in Bratislava (Slovakia). <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2015</b> , 342, 321-326	1.2	16
120	Uran aus deutschen Nuklearprojekten der 1940er Jahre – eine nuklearforensische Untersuchung. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 13654-13658	3.6	6
119	The ILIAS project for selective isobar suppression by laser photodetachment. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2015</b> , 361, 217-221	1.2	9
118	He stripping for AMS of 236U and other actinides using a 3 MV tandem accelerator. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2015</b> , 361, 458-464	1.2	22
117	Uranium from German Nuclear Power Projects of the 1940s--A Nuclear Forensic Investigation. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 13452-6	16.4	29
116	Novel method to study neutron capture of 235U and 238U simultaneously at keV energies. <i>Physical Review Letters</i> , <b>2014</b> , 112, 192501	7.4	30
115	Airborne Plutonium and non-natural Uranium from the Fukushima DNPP found at 120 km distance a few days after reactor hydrogen explosions. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 3808-14	10.3	71
114	Isotopic compositions of (236)U and Pu isotopes in "black substances" collected from roadsides in Fukushima prefecture: fallout from the Fukushima Dai-ichi nuclear power plant accident. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 3691-7	10.3	66
113	Preparation of pure TiO <sub>2</sub> sorption material. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2014</b> , 300, 1151-1158	1.5	2
112	High-precision dendro-14C dating of two cedar wood sequences from First Intermediate Period and Middle Kingdom Egypt and a small regional climate-related 14C divergence. <i>Journal of Archaeological Science</i> , <b>2014</b> , 46, 401-416	2.9	18
111	Evidence for Early Human Presence at High Altitudes in the Eitzal Alps (Austria/Italy). <i>Radiocarbon</i> , <b>2014</b> , 56, 923-947	4.6	19

110	Second Radiocarbon Intercomparison Program for the Chauvetpont d'Arc Cave, Ardèche, France. <i>Radiocarbon</i> , <b>2014</b> , 56, 833-850	4.6	
109	Tectonic implications of fluvial incision and pediment deformation at the northern margin of the Central Anatolian Plateau based on multiple cosmogenic nuclides. <i>Tectonics</i> , <b>2013</b> , 32, 1107-1120	4.3	27
108	A review on <sup>129</sup> I analysis in air. <i>Journal of Environmental Radioactivity</i> , <b>2013</b> , 126, 45-54	2.4	27
107	Determination of ( <sup>239</sup> Pu, ( <sup>240</sup> Pu, ( <sup>241</sup> Pu and ( <sup>242</sup> Pu at femtogram and attogram levels - evidence for the migration of fallout plutonium in an ombrotrophic peat bog profile. <i>Environmental Sciences: Processes and Impacts</i> , <b>2013</b> , 15, 839-47	4.3	25
106	Measurements of <sup>239</sup> Pu in ancient and modern peat samples and implications for postdepositional migration of fallout radionuclides. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 5243-50	10.3	28
105	Investigation of the isotopic ratio <sup>129</sup> I/ <sup>1</sup> I in petrified wood. <i>Journal of Environmental Radioactivity</i> , <b>2013</b> , 120, 33-8	2.4	4
104	Iodine-129 in seawater offshore Fukushima: distribution, inorganic speciation, sources, and budget. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 3091-8	10.3	149
103	<sup>236</sup> U/ <sup>238</sup> U and <sup>240</sup> Pu/ <sup>239</sup> Pu isotopic ratios in small (2 L) sea and river water samples. <i>Journal of Environmental Radioactivity</i> , <b>2013</b> , 116, 54-8	2.4	41
102	AMS of <sup>36</sup> Cl with the VERA 3 MV tandem accelerator. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2013</b> , 294, 115-120	1.2	15
101	Stable platinum isotope measurements in presolar nanodiamonds by TEAMS. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2013</b> , 294, 496-502	1.2	2
100	Carbon background and ionization yield of an AMS system during <sup>14</sup> C measurements of microgram-size graphite samples. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2013</b> , 294, 335-339	1.2	8
99	AMS of the Minor Plutonium Isotopes. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2013</b> , 294, 160-164	1.2	22
98	Sequential injection method for rapid and simultaneous determination of <sup>236</sup> U, <sup>237</sup> Np, and Pu isotopes in seawater. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 11026-33	7.8	26
97	Study on Anthropogenic Uranium Isotope U-236 in the Environment [Application for Oceanic Circulation Tracer] <i>Bunseki Kagaku</i> , <b>2013</b> , 62, 1001-1012	0.2	1
96	A New UV Oxidation Setup for Small Radiocarbon Samples in Solution. <i>Radiocarbon</i> , <b>2013</b> , 55, 373-382	4.6	5
95	Constraints on the major sources of dissolved organic carbon in Alpine ice cores from radiocarbon analysis over the bomb-peak period. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2013</b> , 118, 3319-3327	4.4	23
94	<sup>14</sup> C Dating of Humic Acids from Bronze and Iron Age Plant Remains from the Eastern Mediterranean. <i>Radiocarbon</i> , <b>2013</b> , 55, 599-607	4.6	20
93	Cesium, iodine and tritium in NW Pacific waters [a comparison of the Fukushima impact with global fallout. <i>Biogeosciences</i> , <b>2013</b> , 10, 5481-5496	4.6	94

92	A New UV Oxidation Setup for Small Radiocarbon Samples in Solution. <i>Radiocarbon</i> , <b>2013</b> , 55,	4.6	2
91	<sup>14</sup> C Dating of Humic Acids from Bronze and Iron Age Plant Remains from the Eastern Mediterranean. <i>Radiocarbon</i> , <b>2013</b> , 55,	4.6	3
90	Light induced suppression of sulfur in a cesium sputter ion source. <i>International Journal of Mass Spectrometry</i> , <b>2012</b> , 315, 55-59	1.9	3
89	Iodine-129 in animal thyroids from Argentina. <i>Science of the Total Environment</i> , <b>2012</b> , 430, 231-6	10.2	5
88	Isotopic determination of U, Pu and Cs in environmental waters following the Fukushima Daiichi Nuclear Power Plant accident. <i>Geochemical Journal</i> , <b>2012</b> , 46, 355-360	0.9	83
87	Biogeochemically diverse organic matter in Alpine glaciers and its downstream fate. <i>Nature Geoscience</i> , <b>2012</b> , 5, 710-714	18.3	200
86	Iodine isotopes ( <sup>127</sup> I and <sup>129</sup> I) in aerosols at high altitude Alp stations. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 8637-44	10.3	10
85	Retrospective measurements of airborne <sup>129</sup> Iodine in Austria. <i>Journal of Environmental Radioactivity</i> , <b>2012</b> , 112, 90-5	2.4	5
84	Uranium-236 as a new oceanic tracer: A first depth profile in the Japan Sea and comparison with caesium-137. <i>Earth and Planetary Science Letters</i> , <b>2012</b> , 333-334, 165-170	5.3	61
83	Bomb fall-out U as a global oceanic tracer using an annually resolved coral core. <i>Earth and Planetary Science Letters</i> , <b>2012</b> , 359-360, 124-130	5.3	56
82	The Chronology of Tell El-Daba: A Crucial Meeting Point of <sup>14</sup> C Dating, Archaeology, and Egyptology in the 2nd Millennium BC. <i>Radiocarbon</i> , <b>2012</b> , 54, 407-422	4.6	40
81	Assessment of the radiological impact of a decommissioned nuclear power plant in Italy. <i>Radioprotection</i> , <b>2012</b> , 47, 285-297	1.1	13
80	The age of olfactory bulb neurons in humans. <i>Neuron</i> , <b>2012</b> , 74, 634-9	13.9	281
79	AMS Applications in Nuclear Astrophysics: New Results for <sup>13</sup> C(n, $\bar{n}$ ) <sup>14</sup> C and <sup>14</sup> N(n,p) <sup>14</sup> C. <i>Publications of the Astronomical Society of Australia</i> , <b>2012</b> , 29, 115-120	5.5	11
78	Investigation of the <sup>236</sup> U/ <sup>238</sup> U isotope abundance ratio in uranium ores and yellow cake samples. <i>Radiochimica Acta</i> , <b>2011</b> , 99, 335-339	1.9	23
77	Dynamics of human adipose lipid turnover in health and metabolic disease. <i>Nature</i> , <b>2011</b> , 478, 110-3	50.4	259
76	Recent advances in AMS of <sup>36</sup> Cl with a 3-MV-tandem. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2011</b> , 269, 3188-3191	1.2	11
75	Reassessment of <sup>182</sup> Hf AMS measurements at VERA. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2011</b> , 269, 3180-3182	1.2	9

74	AMS analysis of iodine-129 in aerosols from Austria. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2011</b> , 269, 3183-3187	1.2	16
73	Ultra-trace analysis of $^{36}\text{Cl}$ by accelerator mass spectrometry: an interlaboratory study. <i>Analytical and Bioanalytical Chemistry</i> , <b>2011</b> , 400, 3125-32	4.4	44
72	Determination of U, Pu and Am isotopes in Irish Sea sediment by a combination of AMS and radiometric methods. <i>Journal of Environmental Radioactivity</i> , <b>2011</b> , 102, 331-5	2.4	22
71	Depth profile of $^{137}\text{Cs}/^{134}\text{Cs}$ in soil samples in La Palma, Canary Islands. <i>Journal of Environmental Radioactivity</i> , <b>2011</b> , 102, 614-9	2.4	33
70	Studies on the Preparation of Small $^{14}\text{C}$ Samples with an RGA and $^{13}\text{C}$ -Enriched Material. <i>Radiocarbon</i> , <b>2010</b> , 52, 1394-1404	4.6	17
69	Robust Bayesian Analysis, an Attempt to Improve Bayesian Sequencing. <i>Radiocarbon</i> , <b>2010</b> , 52, 962-983	4.6	5
68	Fluorides or hydrides? $^{41}\text{Ca}$ performance at VERA's 3-MV AMS facility. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2010</b> , 268, 799-803	1.2	9
67	The new injection beamline at VERA. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2010</b> , 268, 824-826	1.2	8
66	Analysis and application of heavy isotopes in the environment. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2010</b> , 268, 1045-1049	1.2	60
65	Feasibility of using $^{236}\text{U}$ to reconstruct close-in fallout deposition from the Hiroshima atomic bomb. <i>Science of the Total Environment</i> , <b>2010</b> , 408, 5392-8	10.2	32
64	$^{36}\text{Cl}$ exposure dating with a 3-MV tandem. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2010</b> , 268, 744-747	1.2	11
63	Comparison of detector systems for the separation of $^{36}\text{Cl}$ and $^{36}\text{S}$ with a 3-MV tandem. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2010</b> , 268, 847-850	1.2	5
62	Determination of the isotopic ratio $^{236}\text{U}/^{238}\text{U}$ in Austrian water samples. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2010</b> , 268, 1146-1149	1.2	23
61	Pego do Diabo (Loures, Portugal): dating the emergence of anatomical modernity in westernmost Eurasia. <i>PLoS ONE</i> , <b>2010</b> , 5, e8880	3.7	64
60	$^{14}\text{C}$ Dating of the Upper Paleolithic Site at Krems-Wachtberg, Austria. <i>Radiocarbon</i> , <b>2009</b> , 51, 847-855	4.6	29
59	Calorimetric low temperature detectors for low-energetic heavy ions and their application in accelerator mass spectrometry. <i>Review of Scientific Instruments</i> , <b>2009</b> , 80, 103304	1.7	8
58	First results on $^{236}\text{U}$ levels in global fallout. <i>Science of the Total Environment</i> , <b>2009</b> , 407, 4238-42	10.2	110
57	The first use of $^{236}\text{U}$ in the general environment and near a shutdown nuclear power plant. <i>Applied Radiation and Isotopes</i> , <b>2009</b> , 67, 1775-80	1.7	42



56	The 410,000 year terrestrial age of eucrite Rb Cuarto 001. <i>Meteoritics and Planetary Science</i> , <b>2008</b> , 43, 805-813	2.8	2
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51	Characterization and improvement of thin natural diamond detectors for spectrometry of heavy ions below 1MeV/amu. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2008</b> , 590, 221-226	1.2	2
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