

# Peter Steier

## List of Publications by Citations

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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	The age of olfactory bulb neurons in humans. <i>Neuron</i> , <b>2012</b> , 74, 634-9	13.9	281
180	Dynamics of human adipose lipid turnover in health and metabolic disease. <i>Nature</i> , <b>2011</b> , 478, 110-3	50.4	259
179	Biogeochemically diverse organic matter in Alpine glaciers and its downstream fate. <i>Nature Geoscience</i> , <b>2012</b> , 5, 710-714	18.3	200
178	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
177	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
176	Natural and anthropogenic <sup>236</sup> U in environmental samples. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2008</b> , 266, 2246-2250	1.2	131
175	Chronology for the Aegean Late Bronze Age 1700-1400 B.C. <i>Science</i> , <b>2006</b> , 312, 565-9	33.3	131
174	Direct dating of Early Upper Palaeolithic human remains from Mladec. <i>Nature</i> , <b>2005</b> , 435, 332-5	50.4	121
173	New half-life measurement of <sup>182</sup> Hf: improved chronometer for the early solar system. <i>Physical Review Letters</i> , <b>2004</b> , 93, 172501	7.4	113
172	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
171	First results on <sup>236</sup> U levels in global fallout. <i>Science of the Total Environment</i> , <b>2009</b> , 407, 4238-42	10.2	110
170	Accelerator mass spectrometry of heavy long-lived radionuclides. <i>International Journal of Mass Spectrometry</i> , <b>2003</b> , 223-224, 713-732	1.9	102
169	The Use of Bayesian Statistics for <sup>14</sup> C Dates of Chronologically Ordered Samples: A Critical Analysis. <i>Radiocarbon</i> , <b>2000</b> , 42, 183-198	4.6	95
168	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
167	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
166	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
165	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

164	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
163	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
162	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
161	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
160	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
159	Pushing the Precision Limit of 14C AMS. <i>Radiocarbon</i> , <b>2004</b> , 46, 5-16	4.6	49
158	14C Dating of the Upper Paleolithic Site at Krems-Hundssteig in Lower Austria. <i>Radiocarbon</i> , <b>2008</b> , 50, 1-10	4.6	48
157	VERA, an AMS facility for $\mu$ isotopes. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2004</b> , 223-224, 67-71	1.2	47
156	Determination of plutonium in environmental samples by AMS and alpha spectrometry. <i>Applied Radiation and Isotopes</i> , <b>2005</b> , 63, 633-8	1.7	47
155	Heavy ion AMS with a small accelerator. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2002</b> , 188, 283-287	1.2	46
154	Ultra-trace analysis of 36Cl by accelerator mass spectrometry: an interlaboratory study. <i>Analytical and Bioanalytical Chemistry</i> , <b>2011</b> , 400, 3125-32	4.4	44
153	Comparative biotransformation studies of MeIQx and PhIP in animal models and humans. <i>Cancer Letters</i> , <b>1999</b> , 143, 161-5	9.9	44
152	The first use of (236)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
151	236U/238U and 240Pu/239Pu 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
150	The Chronology of Tell El-Daba: A Crucial Meeting Point of 14C Dating, Archaeology, and Egyptology in the 2nd Millennium BC. <i>Radiocarbon</i> , <b>2012</b> , 54, 407-422	4.6	40
149	VERA: A new AMS facility in Vienna. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>1997</b> , 123, 47-50.2		39
148	Experimental and theoretical evidence for long-lived molecular hydrogen anions H <sub>2</sub> <sup>-</sup> and D <sub>2</sub> <sup>-</sup> . <i>Physical Review Letters</i> , <b>2005</b> , 94, 223003	7.4	38
147	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

146	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
145	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
144	Neolithic Massacres: Local Skirmishes or General Warfare in Europe?. <i>Radiocarbon</i> , <b>2004</b> , 46, 377-385	4.6	32
143	$^{182}\text{Hf}$ , a new isotope for AMS. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2004</b> , 223-224, 823-828	8.2	32
142	Novel method to study neutron capture of $^{235}\text{U}$ and $^{238}\text{U}$ simultaneously at keV energies. <i>Physical Review Letters</i> , <b>2014</b> , 112, 192501	7.4	30
141	Age Determination of Fossil Bones from the Vindija Neanderthal Site in Croatia. <i>Radiocarbon</i> , <b>2001</b> , 43, 1021-1028	4.6	30
140	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
139	$^{14}\text{C}$ Dating of the Upper Paleolithic Site at Krems-Wachtberg, Austria. <i>Radiocarbon</i> , <b>2009</b> , 51, 847-855	4.6	29
138	Measurements of $^{137}\text{Cs}$ 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
137	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
136	A review on $^{129}\text{I}$ analysis in air. <i>Journal of Environmental Radioactivity</i> , <b>2013</b> , 126, 45-54	2.4	27
135	Sequential injection method for rapid and simultaneous determination of $^{236}\text{U}$ , $^{237}\text{Np}$ , and Pu isotopes in seawater. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 11026-33	7.8	26
134	First $^{14}\text{C}$ Results from Archaeological and Forensic Studies at the Vienna Environmental Research Accelerator. <i>Radiocarbon</i> , <b>1997</b> , 40, 273-281	4.6	26
133	AMS of natural $^{236}\text{U}$ and $^{239}\text{Pu}$ produced in uranium ores. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2007</b> , 259, 727-732	1.2	26
132	Opportunities and limits of AMS with 3-MV tandem accelerators. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2005</b> , 240, 445-451	1.2	26
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	Determination of $(^{239}\text{Pu})$ , $(^{240}\text{Pu})$ , $(^{241}\text{Pu})$ and $(^{242}\text{Pu})$ 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
129	Search for live $^{182}\text{Hf}$ in deep-sea sediments. <i>New Astronomy Reviews</i> , <b>2004</b> , 48, 161-164	7.9	25

128	Radiocarbon re-dating of contact-era Iroquoian history in northeastern North America. <i>Science Advances</i> , <b>2018</b> , 4, eaav0280	14.3	25
127	A combined method for the determination of the isotopic vector of plutonium isotopes in environmental samples. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2008</b> , 276, 789-793	1.5	24
126	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
125	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
124	Determination of the isotopic ratio <sup>236</sup> U/ <sup>238</sup> U in Austrian water samples. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2010</b> , 268, 1146-1149	1.2	23
123	He stripping for AMS of <sup>236</sup> U 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
122	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
121	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
120	Radiocarbon Determination of Particulate Organic Carbon in Non-Tempered, Alpine Glacier Ice. <i>Radiocarbon</i> , <b>2006</b> , 48, 69-82	4.6	22
119	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
118	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
117	Temporal and vertical distributions of anthropogenic <sup>236</sup> 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
116	First performance tests of VERA. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>1997</b> , 123, 193-198	8.2	21
115	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
114	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
113	Method for ( <sup>236</sup> 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
112	<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
111	The $\pi$ OF detector for isobar separation at ion energies below 1MeV/amu. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2005</b> , 240, 490-494	1.2	20

110	New Methods and Critical Aspects in Bayesian Mathematics for 14C Calibration. <i>Radiocarbon</i> , <b>2001</b> , 43, 373-380	4.6	20
109	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
108	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
107	Evidence for Early Human Presence at High Altitudes in the Eizal Alps (Austria/Italy). <i>Radiocarbon</i> , <b>2014</b> , 56, 923-947	4.6	19
106	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
105	Measurement of the stellar cross sections for the reactions $^9\text{Be}(n, \alpha)^{10}\text{Be}$ and $^{13}\text{C}(n, \alpha)^{14}\text{C}$ via AMS. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2008</b> , 35, 014018	2.9	18
104	Applications of a compact ionization chamber in AMS at energies below 1 MeV/amu. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2008</b> , 266, 2213-2216	1.2	18
103	A 14C Calibration with AMS from 3500 to 3000 BC, Derived from A New High-Elevation Stone-Pine Tree-Ring Chronology. <i>Radiocarbon</i> , <b>2004</b> , 46, 969-978	4.6	18
102	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
101	Studies on the Preparation of Small 14C Samples with an RGA and 13C-Enriched Material. <i>Radiocarbon</i> , <b>2010</b> , 52, 1394-1404	4.6	17
100	Vertical distribution of $^{238}\text{Pu}$ , $^{239}\text{(40)Pu}$ , $^{241}\text{Am}$ , $^{90}\text{Sr}$ and $^{137}\text{Cs}$ in Austrian soil profiles. <i>Radiochimica Acta</i> , <b>2008</b> , 96,	1.9	17
99	AMS 14C Dating of Equipment from the Iceman and of Spruce Logs from the Prehistoric Salt Mines of Hallstatt. <i>Radiocarbon</i> , <b>1999</b> , 41, 183-197	4.6	17
98	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
97	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
96	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
95	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
94	AMS of $^{36}\text{Cl}$ 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
93	Systematic Investigations of 14C Measurements at the Vienna Environmental Research Accelerator. <i>Radiocarbon</i> , <b>1997</b> , 40, 255-263	4.6	15

92	Isobar suppression in AMS using laser photodetachment. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2008</b> , 266, 4565-4568	1.2	15
91	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
90	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
89	First application of calorimetric low-temperature detectors in accelerator mass spectrometry. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2004</b> , 520, 63-66	1.2	12
88	The Filling of Gaps in Geophysical Time Series by Artificial Neural Networks. <i>Radiocarbon</i> , <b>2001</b> , 43, 365-376	3.7	12
87	Automated evaluation of C AMS measurements. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2000</b> , 172, 274-280	1.2	12
86	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
85	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
84	The Tyrolean Iceman and His Glacial Environment During the Holocene. <i>Radiocarbon</i> , <b>2017</b> , 59, 395-405	4.6	11
83	Recent advances in AMS of $^{36}\text{Cl}$ with a 3-MV-tandem. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2011</b> , 269, 3188-3191	1.2	11
82	AMS Applications in Nuclear Astrophysics: New Results for $^{13}\text{C}(n,\alpha)^{14}\text{C}$ and $^{14}\text{N}(n,p)^{14}\text{C}$ . <i>Publications of the Astronomical Society of Australia</i> , <b>2012</b> , 29, 115-120	5.5	11
81	$^{36}\text{Cl}$ 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
80	Developments toward the measurement of I-129 in lignite. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2007</b> , 259, 714-720	1.2	11
79	Developing a detection method of environmental $^{244}\text{Pu}$ . <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2004</b> , 223-224, 817-822	1.2	11
78	Developments towards a fully automated AMS system. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2000</b> , 161-163, 250-254	1.2	11
77	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
76	Iodine isotopes ( $^{127}\text{I}$ and $^{129}\text{I}$ ) in aerosols at high altitude Alp stations. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 8637-44	10.3	10
75	New Chronological Frame for the Young Neolithic Baden Culture in Central Europe (4th Millennium BC). <i>Radiocarbon</i> , <b>2001</b> , 43, 1057-1064	4.6	10

74	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
73	Precise measurement of the thermal and stellar Fe54(n, $\gamma$ )Fe55 cross sections via accelerator mass spectrometry. <i>Physical Review C</i> , <b>2017</b> , 96,	2.7	9
72	Preparation Methods of $\mu$ Carbon Samples for 14C Measurements. <i>Radiocarbon</i> , <b>2017</b> , 59, 803-814	4.6	9
71	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
70	Reassessment of 182Hf AMS measurements at VERA. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2011</b> , 269, 3180-3182	1.2	9
69	Fluorides or hydrides? 41Ca 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
68	14C Measurements of Sub-Milligram Carbon Samples from Aerosols. <i>Radiocarbon</i> , <b>1997</b> , 40, 265-272	4.6	9
67	Ion source refinement at VERA. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2007</b> , 259, 94-99	1.2	9
66	182Hf FROM GEOPHYSICS TO ASTROPHYSICS. <i>Nuclear Physics A</i> , <b>2005</b> , 758, 340-343	1.3	9
65	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
64	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
63	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
62	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
61	European roe deer antlers as an environmental archive for fallout (236)U and (239)Pu. <i>Journal of Environmental Radioactivity</i> , <b>2016</b> , 151 Pt 3, 587-92	2.4	8
60	Carbon background and ionization yield of an AMS system during 14C 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
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	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
57	Accelerator Mass Spectrometry Analysis of Non-Soluble Carbon in Aerosol Particles from High Alpine Snow (Mt. Sonnblich, Austria). <i>Radiocarbon</i> , <b>2000</b> , 42, 285-294	4.6	8

56	The actinide beamline at VERA. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2019</b> , 458, 82-89	1.2	7
55	Comparison of methods for the detection of $^{10}\text{Be}$ with AMS and a new approach based on a silicon nitride foil stack. <i>International Journal of Mass Spectrometry</i> , <b>2019</b> , 444, 116175	1.9	7
54	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
53	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
52	Search for beta-delayed proton emission from $(^{11}\text{Be})$ . <i>European Physical Journal A</i> , <b>2020</b> , 56, 1	2.5	6
51	$^{14}\text{C}$ Bomb Peak Analysis of African Elephant Tusks and its Relation to Cites. <i>Radiocarbon</i> , <b>2019</b> , 61, 1619-1624	4.6	6
50	Uran aus deutschen Nuklearprojekten der 1940er Jahre [eine nuklearforensische Untersuchung. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 13654-13658	3.6	6
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41	Retrospective measurements of airborne $^{129}\text{I}$ in Austria. <i>Journal of Environmental Radioactivity</i> , <b>2012</b> , 112, 90-5	2.4	5
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