

Peter Steier

List of Publications by Year in descending order

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Version: 2024-02-01

187
papers

6,249
citations

87723

38
h-index

88477

70
g-index

190
all docs

190
docs citations

190
times ranked

5675
citing authors

#	ARTICLE	IF	CITATIONS
1	5 YEARS OF ION-LASER INTERACTION MASS SPECTROMETRY'S STATUS AND PROSPECTS OF ISOBAR SUPPRESSION IN AMS BY LASERS. <i>Radiocarbon</i> , 2022, 64, 555-568.	0.8	9
2	Deciphering anthropogenic uranium sources in the equatorial northwest Pacific margin. <i>Science of the Total Environment</i> , 2022, 806, 150482.	3.9	10
3	Anthropogenic ²³⁶ U and ²³³ U in the Baltic Sea: Distributions, source terms, and budgets. <i>Water Research</i> , 2022, 210, 117987.	5.3	5
4	Developing Accelerator Mass Spectrometry Capabilities for Anthropogenic Radionuclide Analysis to Extend the Set of Oceanographic Tracers. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	9
5	Late Pleistocene glacial advances, equilibrium-line altitude changes and paleoclimate in the Jakupica Mts (North Macedonia). <i>Catena</i> , 2022, 216, 106383.	2.2	2
6	Concurrent determination of U, Np, Pu, Am, and Cm in clay systems at ultra-trace levels with accelerator mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2022, 37, 1696-1705.	1.6	1
7	Novel ⁹⁰ Sr analysis of environmental samples by Ion-Laser InterAction Mass Spectrometry. <i>Analytical Methods</i> , 2022, 14, 2732-2738.	1.3	3
8	Estimation of Atlantic Water transit times in East Greenland fjords using a ²³³ U- ²³⁶ U tracer approach. <i>Chemical Geology</i> , 2022, 607, 121007.	1.4	3
9	Retrospective determination of U and Pu isotopes and atom ratios in lung samples from Vienna, Austria. <i>Journal of Environmental Radioactivity</i> , 2022, 251-252, 106965.	0.9	0
10	Deciphering sources of U contamination using isotope ratio signatures in the Loire River sediments: Exploring the relevance of ²³³ U/ ²³⁶ U and stable Pb isotope ratios. <i>Chemosphere</i> , 2022, 307, 135658.	4.2	3
11	An unknown source of reactor radionuclides in the Baltic Sea revealed by multi-isotope fingerprints. <i>Nature Communications</i> , 2021, 12, 823.	5.8	26
12	On the Quality Control for the Determination of Ultratrace-Level ²³⁶ U and ²³³ U in Environmental Samples by Accelerator Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 3362-3369.	3.2	11
13	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> , 2021, 4, 1.	0.7	15
14	Prehistoric salt mining in Hallstatt, Austria. New chronologies out of small wooden fragments. <i>Dendrochronologia</i> , 2021, 66, 125814.	1.0	13
15	70-Year Anthropogenic Uranium Imprints of Nuclear Activities in Baltic Sea Sediments. <i>Environmental Science & Technology</i> , 2021, 55, 8918-8927.	4.6	22
16	Highly sensitive ²⁶ Al measurements by Ion-Laser-InterAction Mass Spectrometry. <i>International Journal of Mass Spectrometry</i> , 2021, 465, 116576.	0.7	14
17	Comparison and performance of two cosmogenic nuclide sample preparation procedures of in situ produced ¹⁰ Be and ²⁶ Al. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 329, 1523-1536.	0.7	13
18	Revisiting the Middle and Upper Palaeolithic archaeology of Gruta do Caldeirão (Tomar, Portugal). <i>PLoS ONE</i> , 2021, 16, e0259089.	1.1	11

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19	A record of ^{241}Am , ^{236}U , ^{238}U , ^{239}Pu , ^{240}Pu , ^{134}Cs and ^{137}Cs in surface seawater and ^{241}Am in aerosols shortly after the FDNPP incident occurred. <i>Geochemical Journal</i> , 2021, 55, 33-38.	0.5	2
20	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> , 2020, 232, 02002.	0.1	1
21	First dataset of ^{236}U and ^{233}U around the Greenland coast: A 5-year snapshot (2012–2016). <i>Chemosphere</i> , 2020, 257, 127185.	4.2	18
22	The quest for AMS of ^{182}Hf – why poor gas gives pure beams. <i>EPJ Web of Conferences</i> , 2020, 232, 02003.	0.1	9
23	Pushing Limits of ICP-MS/MS for the Determination of Ultralow $^{236}\text{U}/^{238}\text{U}$ Isotope Ratios. <i>Analytical Chemistry</i> , 2020, 92, 7869-7876.	3.2	16
24	Nature Does the Averaging – In-Situ Produced ^{10}Be , ^{21}Ne , and ^{26}Al in a Very Young River Terrace. <i>Geosciences (Switzerland)</i> , 2020, 10, 237.	1.0	5
25	$^{233}\text{U}/^{236}\text{U}$ signature allows to distinguish environmental emissions of civil nuclear industry from weapons fallout. <i>Nature Communications</i> , 2020, 11, 1275.	5.8	43
26	Determining the age and possibility for an extraterrestrial impact formation mechanism of the Ilumetsa structures (Estonia). <i>Meteoritics and Planetary Science</i> , 2020, 55, 274-293.	0.7	9
27	Radiocarbon analysis of carbonaceous aerosols in Bratislava, Slovakia. <i>Journal of Environmental Radioactivity</i> , 2020, 218, 106221.	0.9	9
28	New fluoride target matrix preparation procedure for determination of ^{236}U with accelerator mass spectrometry. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2020, 472, 64-71.	0.6	6
29	Search for beta-delayed proton emission from ^{11}Be . <i>European Physical Journal A</i> , 2020, 56, 1.	1.0	14
30	Update on the Absolute Chronology of the Migration period in Central Europe (375–568 AD): new data from Maria Pöschel, Lower Austria. <i>Radiocarbon</i> , 2019, 61, 1653-1662.	0.8	3
31	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> , 2019, 689, 451-456.	3.9	46
32	Comparison of methods for the detection of ^{10}Be with AMS and a new approach based on a silicon nitride foil stack. <i>International Journal of Mass Spectrometry</i> , 2019, 444, 116175.	0.7	16
33	^{14}C Bomb Peak Analysis of African Elephant Tusks and its Relation to CITES. <i>Radiocarbon</i> , 2019, 61, 1619-1624.	0.8	8
34	^{36}Cl in a new light: AMS measurements assisted by ion-laser interaction. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2019, 456, 163-168.	0.6	12
35	The actinide beamline at VERA. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2019, 458, 82-89.	0.6	23
36	^{129}I concentration in a high-mountain environment. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2019, 456, 193-202.	0.6	0

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37	The ILIAMS project – An RFQ ion beam cooler for selective laser photodetachment at VERA. Nuclear Instruments & Methods in Physics Research B, 2019, 456, 213-217.	0.6	19
38	2500 years of anthropogenic and climatic landscape transformation in the Stymphalia polje, Greece. Quaternary Science Reviews, 2019, 213, 133-154.	1.4	22
39	14C-Dating of the Late Bronze Age City of Hala Sultan Tekke, Cyprus: Status Report. Radiocarbon, 2019, 61, 1253-1264.	0.8	2
40	Stellar and thermal neutron capture cross section of ${}^9\text{Be}$. Physical Review C, 2019, 99, .		7
41	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. Science of the Total Environment, 2018, 628-629, 840-847.	3.9	18
42	Radiocarbon re-dating of contact-era Iroquoian history in northeastern North America. Science Advances, 2018, 4, eaav0280.	4.7	35
43	Limits on Superheavy-Associated ${}^{60}\text{Fe}$ in Meteorites. Physical Review Letters, 2018, 120, 081101.		2
44	Selective laser photodetachment of intense atomic and molecular negative ion beams with the ILIAS RFQ ion beam cooler. International Journal of Mass Spectrometry, 2017, 415, 9-17.	0.7	15
45	Plutonium Isotopes (${}^{239}\text{Pu}$) Dissolved in Pacific Ocean Waters Detected by Accelerator Mass Spectrometry: No Effects of the Fukushima Accident Observed. Environmental Science & Technology, 2017, 51, 2031-2037.	4.6	21
46	Vertical distribution of ${}^{236}\text{U}$ in the North Pacific Ocean. Journal of Environmental Radioactivity, 2017, 169-170, 70-78.	0.9	25
47	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. Marine Chemistry, 2017, 190, 28-34.	0.9	13
48	Anthropogenic ${}^{236}\text{U}$ in Danish Seawater: Global Fallout versus Reprocessing Discharge. Environmental Science & Technology, 2017, 51, 6867-6876.	4.6	24
49	The Tyrolean Iceman and His Glacial Environment During the Holocene. Radiocarbon, 2017, 59, 395-405.	0.8	12
50	D-REAMS: A New Compact AMS System for Radiocarbon Measurements at the Weizmann Institute of Science, Rehovot, Israel. Radiocarbon, 2017, 59, 775-784.	0.8	30
51	Radiocarbon concentration in tree-ring samples collected in the south-west Slovakia (1974-2013). Applied Radiation and Isotopes, 2017, 126, 58-60.	0.7	12
52	Precise measurement of the thermal and stellar ${}^{54}\text{Fe}$ cross sections via accelerated ${}^{54}\text{Fe}$ ions. Physical Review C, 2017, 95, 044607.	0.1	15
53	Precise dating of the Middle-to-Upper Paleolithic transition in Murcia (Spain) supports late Neandertal persistence in Iberia. Heliyon, 2017, 3, e00435.	1.4	117
54	Preparation Methods of ${}^{14}\text{C}$ Carbon Samples for ${}^{14}\text{C}$ Measurements. Radiocarbon, 2017, 59, 803-814.	0.8	14

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55	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> , 2017, 89, 7182-7189.	3.2	9
56	Sorption of uranium on freshly prepared hydrous titanium oxide and its utilization in determination of ²³⁶ U using accelerator mass spectrometry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 447-453.	0.7	5
57	Dating a small impact crater: An age of Kaali crater (Estonia) based on charcoal emplaced within proximal ejecta. <i>Meteoritics and Planetary Science</i> , 2016, 51, 681-695.	0.7	18
58	Recent near-Earth supernovae probed by global deposition of interstellar radioactive ⁶⁰ Fe. <i>Nature</i> , 2016, 532, 69-72.	13.7	205
59	First study on ²³⁶ U in the Northeast Pacific Ocean using a new target preparation procedure for AMS measurements. <i>Journal of Environmental Radioactivity</i> , 2016, 162-163, 244-250.	0.9	26
60	Temporal and vertical distributions of anthropogenic ²³⁶ U in the Sapan Sea using a coral core and seawater samples. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 4-13.	1.0	30
61	Sphagnum-dominated bog systems are highly effective yet variable sources of bio-available iron to marine waters. <i>Science of the Total Environment</i> , 2016, 556, 53-62.	3.9	32
62	European roe deer antlers as an environmental archive for fallout ²³⁶ U and ²³⁹ Pu. <i>Journal of Environmental Radioactivity</i> , 2016, 151, 587-592.	0.9	11
63	The ILIAS project for selective isobar suppression by laser photodetachment. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 361, 217-221.	0.6	14
64	He stripping for AMS of ²³⁶ U and other actinides using a 3 MV tandem accelerator. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 361, 458-464.	0.6	25
65	Uranium from German Nuclear Power Projects of the 1940s – A Nuclear Forensic Investigation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13452-13456.	7.2	41
66	Predicting soil organic matter stability in agricultural fields through carbon and nitrogen stable isotopes. <i>Soil Biology and Biochemistry</i> , 2015, 88, 29-38.	4.2	54
67	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> , 2015, 87, 5766-5773.	3.2	31
68	On the effect of organic carbon on rehydroxylation (RHx) dating. <i>Journal of Archaeological Science</i> , 2015, 57, 92-97.	1.2	10
69	Abundance of live ²⁴⁴ Pu in deep-sea reservoirs on Earth points to rarity of actinide nucleosynthesis. <i>Nature Communications</i> , 2015, 6, 5956.	5.8	139
70	Method for ²³⁶ U Determination in Seawater Using Flow Injection Extraction Chromatography and Accelerator Mass Spectrometry. <i>Analytical Chemistry</i> , 2015, 87, 7411-7417.	3.2	30
71	A new IBA-AMS laboratory at the Comenius University in Bratislava (Slovakia). <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 342, 321-326.	0.6	20
72	Evidence for Early Human Presence at High Altitudes in the Tzental Alps (Austria/Italy). <i>Radiocarbon</i> , 2014, 56, 923-947.	0.8	23

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73	Method to Study Neutron Capture of ^{235}U and ^{238}U Isotopes in Black Substances Collected from Roadside in Fukushima Prefecture: Fallout from the Fukushima Dai-ichi Nuclear Power Plant Accident. Environmental Science & Technology, 2014, 48, 3808-3814.	2.9	35
74	Airborne Plutonium and Non-Natural Uranium from the Fukushima DNPP Found at 120 km Distance a Few Days after Reactor Hydrogen Explosions. Environmental Science & Technology, 2014, 48, 3808-3814.	4.6	81
75	Isotopic Compositions of ^{236}U and Pu Isotopes in Black Substances Collected from Roadside in Fukushima Prefecture: Fallout from the Fukushima Dai-ichi Nuclear Power Plant Accident. Environmental Science & Technology, 2014, 48, 3691-3697.	4.6	74
76	Preparation of pure TiO_2 sorption material. Journal of Radioanalytical and Nuclear Chemistry, 2014, 300, 1151-1158.	0.7	3
77	High-precision dendro- ^{14}C dating of two cedar wood sequences from First Intermediate Period and Middle Kingdom Egypt and a small regional climate-related ^{14}C divergence. Journal of Archaeological Science, 2014, 46, 401-416.	1.2	24
78	Second Radiocarbon Intercomparison Program for the Chauvetpont d'Arc Cave, Ardèche, France. Radiocarbon, 2014, 56, 833-850.	0.8	1
79	Tectonic implications of fluvial incision and pediment deformation at the northern margin of the Central Anatolian Plateau based on multiple cosmogenic nuclides. Tectonics, 2013, 32, 1107-1120.	1.3	30
80	A review on ^{129}I analysis in air. Journal of Environmental Radioactivity, 2013, 126, 45-54.	0.9	33
81	Determination of ^{239}Pu , ^{240}Pu , ^{241}Pu and ^{242}Pu at femtogram and attogram levels – evidence for the migration of fallout plutonium in an ombrotrophic peat bog profile. Environmental Sciences: Processes and Impacts, 2013, 15, 839.	1.7	30
82	Measurements of ^{236}U in Ancient and Modern Peat Samples and Implications for Postdepositional Migration of Fallout Radionuclides. Environmental Science & Technology, 2013, 47, 5243-5250.	4.6	36
83	Investigation of the isotopic ratio $^{129}\text{I}/\text{I}$ in petrified wood. Journal of Environmental Radioactivity, 2013, 120, 33-38.	0.9	6
84	Iodine-129 in Seawater Offshore Fukushima: Distribution, Inorganic Speciation, Sources, and Budget. Environmental Science & Technology, 2013, 47, 3091-3098.	4.6	193
85	$^{236}\text{U}/^{238}\text{U}$ and $^{240}\text{Pu}/^{239}\text{Pu}$ isotopic ratios in small (2 L) sea and river water samples. Journal of Environmental Radioactivity, 2013, 116, 54-58.	0.9	53
86	AMS of ^{36}Cl with the VERA 3MV tandem accelerator. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 115-120.	0.6	17
87	Stable platinum isotope measurements in presolar nanodiamonds by TEAMS. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 496-502.	0.6	3
88	Carbon background and ionization yield of an AMS system during ^{14}C measurements of microgram-size graphite samples. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 335-339.	0.6	9
89	AMS of the Minor Plutonium Isotopes. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 160-164.	0.6	25
90	Sequential Injection Method for Rapid and Simultaneous Determination of ^{236}U , ^{237}Np , and Pu Isotopes in Seawater. Analytical Chemistry, 2013, 85, 11026-11033.	3.2	36

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91	Study on Anthropogenic Uranium Isotope U-236 in the Environment – Application for Oceanic Circulation Tracer –. <i>Bunseki Kagaku</i> , 2013, 62, 1001-1012.	0.1	1
92	A New UV Oxidation Setup for Small Radiocarbon Samples in Solution. <i>Radiocarbon</i> , 2013, 55, 373-382.	0.8	7
93	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> , 2013, 118, 3319-3327.	1.2	26
94	¹⁴ C Dating of Humic Acids from Bronze and Iron Age Plant Remains from the Eastern Mediterranean. <i>Radiocarbon</i> , 2013, 55, 599-607.	0.8	29
95	Cesium, iodine and tritium in NW Pacific waters – a comparison of the Fukushima impact with global fallout. <i>Biogeosciences</i> , 2013, 10, 5481-5496.	1.3	116
96	A New UV Oxidation Setup for Small Radiocarbon Samples in Solution. <i>Radiocarbon</i> , 2013, 55, .	0.8	2
97	¹⁴ C Dating of Humic Acids from Bronze and Iron Age Plant Remains from the Eastern Mediterranean. <i>Radiocarbon</i> , 2013, 55, .	0.8	3
98	AMS Applications in Nuclear Astrophysics: New Results for ¹³ C(<i>n, i</i> → ¹³ <i>i</i>) ¹⁴ C and ¹⁴ N(<i>n, p</i>) ¹⁴ C. <i>Publications of the Astronomical Society of Australia</i> , 2012, 29, 115-120.	1.3	12
99	Isotopic determination of U, Pu and Cs in environmental waters following the Fukushima Daiichi Nuclear Power Plant accident. <i>Geochemical Journal</i> , 2012, 46, 355-360.	0.5	92
100	Biogeochemically diverse organic matter in Alpine glaciers and its downstream fate. <i>Nature Geoscience</i> , 2012, 5, 710-714.	5.4	254
101	Iodine Isotopes (¹²⁷ I and ¹²⁹ I) in Aerosols at High Altitude Alp Stations. <i>Environmental Science & Technology</i> , 2012, 46, 8637-8644.	4.6	12
102	Retrospective measurements of airborne ¹²⁹ Iodine in Austria. <i>Journal of Environmental Radioactivity</i> , 2012, 112, 90-95.	0.9	7
103	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> , 2012, 333-334, 165-170.	1.8	77
104	Bomb fall-out ²³⁶ U as a global oceanic tracer using an annually resolved coral core. <i>Earth and Planetary Science Letters</i> , 2012, 359-360, 124-130.	1.8	67
105	The Chronology of Tell El-Daba: A Crucial Meeting Point of ¹⁴ C Dating, Archaeology, and Egyptology in the 2nd Millennium BC. <i>Radiocarbon</i> , 2012, 54, 407-422.	0.8	55
106	Assessment of the radiological impact of a decommissioned nuclear power plant in Italy. <i>Radioprotection</i> , 2012, 47, 285-297.	0.5	16
107	The Age of Olfactory Bulb Neurons in Humans. <i>Neuron</i> , 2012, 74, 634-639.	3.8	333
108	Light induced suppression of sulfur in a cesium sputter ion source. <i>International Journal of Mass Spectrometry</i> , 2012, 315, 55-59.	0.7	5

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109	Iodine-129 in animal thyroids from Argentina. <i>Science of the Total Environment</i> , 2012, 430, 231-236.	3.9	5
110	Investigation of the ²³⁶ U/ ²³⁸ U isotope abundance ratio in uranium ores and yellow cake samples. <i>Radiochimica Acta</i> , 2011, 99, 335-339.	0.5	25
111	Dynamics of human adipose lipid turnover in health and metabolic disease. <i>Nature</i> , 2011, 478, 110-113.	13.7	319
112	Recent advances in AMS of ³⁶ Cl with a 3-MV-tandem. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2011, 269, 3188-3191.	0.6	11
113	Reassessment of ¹⁸² Hf AMS measurements at VERA. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2011, 269, 3180-3182.	0.6	14
114	AMS analysis of iodine-129 in aerosols from Austria. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2011, 269, 3183-3187.	0.6	17
115	Ultra-trace analysis of ³⁶ Cl by accelerator mass spectrometry: an interlaboratory study. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 3125-3132.	1.9	56
116	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> , 2011, 102, 331-335.	0.9	27
117	Depth profile of ²³⁶ U/ ²³⁸ U in soil samples in La Palma, Canary Islands. <i>Journal of Environmental Radioactivity</i> , 2011, 102, 614-619.	0.9	39
118	EXOTIC ARCHAEOLOGY: SEARCHING FOR SUPERHEAVY ELEMENTS IN NATURE AND DATING HUMAN DNA WITH THE ¹⁴ C BOMB PEAK. , 2011, , .		0
119	Robust Bayesian Analysis, an Attempt to Improve Bayesian Sequencing. <i>Radiocarbon</i> , 2010, 52, 962-983.	0.8	7
120	Fluorides or hydrides? ⁴¹ Ca performance at VERA's 3-MV AMS facility. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010, 268, 799-803.	0.6	12
121	The new injection beamline at VERA. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010, 268, 824-826.	0.6	9
122	Analysis and application of heavy isotopes in the environment. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010, 268, 1045-1049.	0.6	68
123	Feasibility of using ²³⁶ U to reconstruct close-in fallout deposition from the Hiroshima atomic bomb. <i>Science of the Total Environment</i> , 2010, 408, 5392-5398.	3.9	39
124	³⁶ Cl exposure dating with a 3-MV tandem. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010, 268, 744-747.	0.6	12
125	Comparison of detector systems for the separation of ³⁶ Cl and ³⁶ S with a 3-MV tandem. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010, 268, 847-850.	0.6	5
126	Determination of the isotopic ratio ²³⁶ U/ ²³⁸ U in Austrian water samples. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010, 268, 1146-1149.	0.6	25

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127	Studies on the Preparation of Small ¹⁴ C Samples with an RGA and ¹³ C-Enriched Material. Radiocarbon, 2010, 52, 1394-1404.	0.8	18
128	Pego do Diabo (Loures, Portugal): Dating the Emergence of Anatomical Modernity in Westernmost Eurasia. PLoS ONE, 2010, 5, e8880.	1.1	73
129	¹⁴ C Dating of the Upper Paleolithic Site at Krems-Wachtberg, Austria. Radiocarbon, 2009, 51, 847-855.	0.8	32
130	Calorimetric low temperature detectors for low-energetic heavy ions and their application in accelerator mass spectrometry. Review of Scientific Instruments, 2009, 80, 103304.	0.6	10
131	First results on ²³⁶ U levels in global fallout. Science of the Total Environment, 2009, 407, 4238-4242.	3.9	134
132	The first use of ²³⁶ U in the general environment and near a shutdown nuclear power plant. Applied Radiation and Isotopes, 2009, 67, 1775-1780.	0.7	46
133	Characterization and improvement of thin natural diamond detectors for spectrometry of heavy ions below 1MeV/amu. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 590, 221-226.	0.7	2
134	Natural and anthropogenic ²³⁶ U in environmental samples. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 2246-2250.	0.6	166
135	Isobar suppression in AMS using laser photodetachment. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 4565-4568.	0.6	19
136	A combined method for the determination of the isotopic vector of plutonium isotopes in environmental samples. Journal of Radioanalytical and Nuclear Chemistry, 2008, 276, 789-793.	0.7	25
137	Applications of a compact ionization chamber in AMS at energies below 1MeV/amu. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 2213-2216.	0.6	21
138	The 410,000 year terrestrial age of eucrite R ^o Cuarto 001. Meteoritics and Planetary Science, 2008, 43, 805-813.	0.7	2
139	Vertical distribution of ²³⁸ Pu, ²³⁹ (40)Pu, ²⁴¹ Am, ⁹⁰ Sr and ¹³⁷ Cs in Austrian soil profiles. Radiochimica Acta, 2008, 96, .	0.5	18
140	Measurement of the stellar cross sections for the reactions ⁹ Be(n, ¹³) ¹⁰ Be and ¹³ C(n, ¹³) ¹⁴ C via AMS. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 014018.	1.4	22
141	On the AMS and EPR Studies of Chinese Cultural Objects. Journal of the Chinese Chemical Society, 2008, 55, 572-577.	0.8	1
142	¹⁴ C Dating of the Upper Paleolithic Site at Krems-Hundssteig in Lower Austria. Radiocarbon, 2008, 50, 1-10.	0.8	51
143	A device for automated phase space measurement of ion beams. Nuclear Instruments & Methods in Physics Research B, 2007, 259, 140-143.	0.6	0
144	AMS of natural ²³⁶ U and ²³⁹ Pu produced in uranium ores. Nuclear Instruments & Methods in Physics Research B, 2007, 259, 727-732.	0.6	30

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145	Ion source refinement at VERA. Nuclear Instruments & Methods in Physics Research B, 2007, 259, 94-99.	0.6	9
146	Developments toward the measurement of I-129 in lignite. Nuclear Instruments & Methods in Physics Research B, 2007, 259, 714-720.	0.6	13
147	Radiocarbon Determination of Particulate Organic Carbon in Non-Tempered, Alpine Glacier Ice. Radiocarbon, 2006, 48, 69-82.	0.8	22
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