

$^{233}\text{U}/^{236}\text{U}$ signature allows to distinguish environment industry from weapons fallout

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Citation Report

#	ARTICLE	IF	CITATIONS
1	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
2	Plutonium isotopes in Northern Xinjiang, China: Level, distribution, sources and their contributions. <i>Environmental Pollution</i> , 2020, 265, 114929.	3.7	16
3	Hydrochemical behaviour of dissolved uranium in selected groundwaters of the Kłodzko Valley (SW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.2	1
4	Background and fingerprint characteristics of anthropogenic ²³⁶ U and ¹³⁷ Cs in soil and road dust samples collected from Beijing and Zhangjiakou, China. <i>Chemosphere</i> , 2021, 263, 127909.	4.2	5
5	Microbial interaction with and tolerance of radionuclides: underlying mechanisms and biotechnological applications. <i>Microbial Biotechnology</i> , 2021, 14, 810-828.	2.0	28
6	Progress and Application on the Analysis of Anthropogenic Radionuclide ²³⁶ U. <i>Acta Chimica Sinica</i> , 2021, 79, 716.	0.5	5
7	Performance and optimisation of triple quadrupole ICP-MS for accurate measurement of uranium isotopic ratios. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 2164-2172.	1.6	11
8	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
9	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
10	70-Year Anthropogenic Uranium Imprints of Nuclear Activities in Baltic Sea Sediments. <i>Environmental Science & Technology</i> , 2021, 55, 8918-8927.	4.6	22
11	Deciphering anthropogenic uranium sources in the equatorial northwest Pacific margin. <i>Science of the Total Environment</i> , 2022, 806, 150482.	3.9	10
12	Prospects and scope of microbial bioremediation for the restoration of the contaminated sites. , 2022, , 3-31.		7
13	Spatially-variant isotope production burnup modeling in a CANDU-6 reactor for nuclear treaty monitoring. <i>Annals of Nuclear Energy</i> , 2022, 168, 108901.	0.9	0
14	Role of Ectomycorrhizal Symbiosis Behind the Host Plants Ameliorated Tolerance Against Heavy Metal Stress. <i>Frontiers in Microbiology</i> , 2022, 13, 855473.	1.5	16
15	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
16	The Potential of ²³³ U/ ²³⁶ U as a Water Mass Tracer in the Arctic Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	1.0	10
17	Immobilization of uranium during the deposition of carbonated hydroxyapatite. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2022, 134, 104331.	2.7	9
18	Understanding Source Terms of Anthropogenic Uranium in the Arctic Ocean – First ²³⁶ U and ²³³ U Dataset in Barents Sea Sediments. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

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19	Fungi: The indicators of pollution. , 2022, , 277-296.		1
20	Estimation of Atlantic Water transit times in East Greenland fjords using a ²³³ U- ²³⁶ U tracer approach. Chemical Geology, 2022, 607, 121007.	1.4	3
21	Retrospective determination of U and Pu isotopes and atom ratios in lung samples from Vienna, Austria. Journal of Environmental Radioactivity, 2022, 251-252, 106965.	0.9	0
22	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. Chemosphere, 2022, 307, 135658.	4.2	3
23	Understanding source terms of anthropogenic uranium in the Arctic Ocean – First ²³⁶ U and ²³³ U dataset in Barents Sea sediments. Science of the Total Environment, 2022, 847, 157503.	3.9	4
24	Tracing Atlantic water transit time in the subarctic and Arctic Atlantic using ⁹⁹ Tc- ²³³ U- ²³⁶ U. Science of the Total Environment, 2022, 851, 158276.	3.9	1
25	²³⁶ U accelerator mass spectrometry with a time-of-flight and energy detection system. Nuclear Engineering and Technology, 2022, 54, 4636-4643.	1.1	2
26	Metagenomic approaches for understanding microbial communities in contaminated environments: Bioinformatic tools, case studies and future outlook. , 2023, , 103-156.		1
27	Retrospective determination of fallout radionuclides and ²³⁶ U/ ²³⁸ U, ²³³ U/ ²³⁶ U and ²⁴⁰ Pu/ ²³⁹ Pu atom ratios on air filters from Vienna and Salzburg, Austria. Journal of Environmental Radioactivity, 2022, 255, 107030.	0.9	5
28	Performance of the 1 MV Accelerator Mass Spectrometry system at the Centro Nacional de Aceleradores for the analysis of ²³³ U at environmental levels. Nuclear Instruments & Methods in Physics Research B, 2022, 533, 81-89.	0.6	2
29	²³⁶ U analyses with the ETH Zurich MILEA prototype system. Nuclear Instruments & Methods in Physics Research B, 2023, 534, 61-71.	0.6	1
30	The urban sediments of Karlsplatz, Vienna (Austria) as a reference section for the Anthropocene series. Infrastructure Asset Management, 2023, 10, 316-329.	1.2	2
31	Guest molecular guided syntheses of 2-dimensional uranyl complexes with rigid benzenedicarboxylate ligands. Journal of Coordination Chemistry, 2023, 76, 292-306.	0.8	1
32	Reconstructing the chronology of the natural and anthropogenic uranium isotopic signals in a marine sediment core from Beppu Bay, Japan. Heliyon, 2023, 9, e14153.	1.4	1
33	Linear Regression and Machine Learning for Nuclear Forensics of Spent Fuel from Six Types of Nuclear Reactors. Physical Review Applied, 2023, 19, .	1.5	4