

# Xiaolin Hou

## List of Publications by Year in descending order

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236  
papers

6,459  
citations

76326

40  
h-index

106344

65  
g-index

269  
all docs

269  
docs citations

269  
times ranked

3545  
citing authors

#	ARTICLE	IF	CITATIONS
1	Technetium-99 decontamination from radioactive wastewater by modified bentonite: batch, column experiment and mechanism investigation. <i>Chemical Engineering Journal</i> , 2022, 428, 131333.	12.7	26
2	Anthropogenic <sup>236</sup> U and <sup>233</sup> U in the Baltic Sea: Distributions, source terms, and budgets. <i>Water Research</i> , 2022, 210, 117987.	11.3	5
3	Rapid determination of plutonium isotopes in small samples using single anion exchange separation and ICP-MS/MS measurement in NH <sub>3</sub> â€“He mode for sediment dating. <i>Talanta</i> , 2022, 240, 123152.	5.5	13
4	Enhanced removal of radioactive iodine anions from wastewater using modified bentonite: Experimental and theoretical study. <i>Chemosphere</i> , 2022, 292, 133401.	8.2	18
5	Plutonium isotopes in the northwestern South China Sea: Level, distribution, source and deposition. <i>Environmental Pollution</i> , 2022, 298, 118846.	7.5	10
6	Stability of selenium and its speciation analysis in water using automatic system separation and HR-ICP-MS measurement. <i>Chinese Chemical Letters</i> , 2022, 33, 3444-3450.	9.0	10
7	Occurrence, evolution and degradation of heavy haze events in Beijing traced by iodine-127 and iodine-129 in aerosols. <i>Chinese Chemical Letters</i> , 2022, 33, 3507-3515.	9.0	3
8	Plutonium isotopes in the Qinghai-Tibet Plateau: Sources, distribution, and their environmental behaviors. <i>Environmental Pollution</i> , 2022, 306, 119401.	7.5	8
9	Ultra-Sensitive Determination of Particulate, Gaseous Inorganic and Organic Iodine-129 and Iodine-127 in Ambient Air. <i>Analytical Chemistry</i> , 2022, 94, 9835-9843.	6.5	4
10	Determination of <sup>241</sup> Am in Environmental Samples: A Review. <i>Molecules</i> , 2022, 27, 4536.	3.8	5
11	Rapid determination of <sup>99</sup> Tc in water samples using Ti(OH) <sub>3</sub> -TcO <sub>2</sub> co-precipitation and TK200 resin by liquid scintillation counting. <i>Journal of Environmental Radioactivity</i> , 2022, 251-252, 106954.	1.7	0
12	Determination of <sup>135</sup> Cs concentration and <sup>135</sup> Cs/ <sup>137</sup> Cs ratio in waste samples from nuclear decommissioning by chemical separation and ICP-MS/MS. <i>Talanta</i> , 2021, 221, 121637.	5.5	11
13	Indication of new climatic proxy by loess iodine variation. <i>Quaternary Science Reviews</i> , 2021, 251, 106720.	3.0	4
14	Determination of ultra-low <sup>236</sup> U in environment samples using ICP-MS/MS measurement and chemical separation. <i>Talanta</i> , 2021, 224, 121882.	5.5	9
15	Determination of iodine-129 in twenty soil and sediment reference materials. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 1544-1553.	3.0	4
16	Investigation on the efficient separation and recovery of Se(IV) and Se(VI) from wastewater using Feâ€“OOHâ€“bent. <i>Radiochimica Acta</i> , 2021, 109, 377-387.	1.2	3
17	An unknown source of reactor radionuclides in the Baltic Sea revealed by multi-isotope fingerprints. <i>Nature Communications</i> , 2021, 12, 823.	12.8	26
18	On the Quality Control for the Determination of Ultratrace-Level <sup>236</sup> U and <sup>233</sup> U in Environmental Samples by Accelerator Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 3362-3369.	6.5	11

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19	Rapid analysis of <sup>129</sup> I in natural water samples using accelerator mass spectrometry. <i>Atomic Spectroscopy</i> , 2021, 42, .	1.2	5
20	Pre-nuclear values for <sup>129</sup> I/ <sup>127</sup> I in Chinese sediments and their geochronological implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 568, 110312.	2.3	4
21	Determination of ultra-low level <sup>241</sup> Am in soil and sediment using chemical separation and triple quadrupole inductively coupled plasma mass spectrometry measurement with He-NH <sub>3</sub> as collision-reaction gas. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2021, 178, 106113.	2.9	12
22	Determination of low-level <sup>135</sup> Cs and <sup>135</sup> Cs/ <sup>137</sup> Cs atomic ratios in large volume of seawater by chemical separation coupled with triple-quadrupole inductively coupled plasma mass spectrometry measurement for its oceanographic applications. <i>Talanta</i> , 2021, 226, 122121.	5.5	9
23	Time series of atmospheric <sup>14</sup> C recorded in tree rings from Northwest China (1957–2015). <i>Chemosphere</i> , 2021, 272, 129921.	8.2	2
24	70-Year Anthropogenic Uranium Imprints of Nuclear Activities in Baltic Sea Sediments. <i>Environmental Science &amp; Technology</i> , 2021, 55, 8918-8927.	10.0	22
25	Analyzing alpha emitting isotopes of Pu, Am and Cm from NPP water samples: an intercomparison of Nordic radiochemical laboratories. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 329, 1447-1458.	1.5	3
26	Records of iodine isotopes ( <sup>129</sup> I, <sup>127</sup> I) in the Barkol peat bog from northwest China and their sources, transport and preservation. <i>Chemosphere</i> , 2021, 279, 130531.	8.2	8
27	Determination of ultra-trace level plutonium isotopes in soil samples by triple-quadrupole inductively coupled plasma-mass spectrometry with mass-shift mode combined with UTEVA chromatographic separation. <i>Talanta</i> , 2021, 234, 122652.	5.5	17
28	Level, distribution and sources of plutonium in the northeast and north China. <i>Environmental Pollution</i> , 2021, 289, 117967.	7.5	11
29	Hexadecylpyridinium (HDPy) modified bentonite for efficient and selective removal of <sup>99</sup> Tc from wastewater. <i>Chemical Engineering Journal</i> , 2020, 382, 122894.	12.7	35
30	Determination of <sup>129</sup> I in vegetation using alkaline ashing separation combined with AMS measurement and variation of vegetation iodine isotopes in Qinling Mountains. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 326, 1457-1466.	1.5	2
31	Circulation of Circumpolar Deep Water and marine environment traced by <sup>127</sup> I and <sup>129</sup> I speciation in the Amundsen Sea Polynya, Antarctica. <i>Journal of Environmental Radioactivity</i> , 2020, 225, 106424.	1.7	3
32	Determination of Ultralow Level <sup>135</sup> Cs and <sup>135</sup> Cs/ <sup>137</sup> Cs Ratio in Environmental Samples by Chemical Separation and Triple Quadrupole ICP-MS. <i>Analytical Chemistry</i> , 2020, 92, 7884-7892.	6.5	19
33	Relationship between precipitation and <sup>10</sup> Be and impacts on soil dynamics. <i>Catena</i> , 2020, 195, 104748.	5.0	6
34	Determination of Ultra-Low Level Plutonium Isotopes in Large Volume Environmental Water Samples. <i>Chinese Journal of Analytical Chemistry</i> , 2020, 48, 765-773.	1.7	8
35	<sup>129</sup> I in a sediment core offshore Fukushima: Distribution, source and its implication. <i>Chemosphere</i> , 2020, 252, 126524.	8.2	7
36	Plutonium isotopes in Northern Xinjiang, China: Level, distribution, sources and their contributions. <i>Environmental Pollution</i> , 2020, 265, 114929.	7.5	16

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37	Distribution of uranium isotopes in groundwater of the UAE: environmental radioactivity assessment. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 325, 57-66.	1.5	3
38	Temporal variation in $^{129}\text{I}$ and $^{127}\text{I}$ in aerosols from Xi'an, China: influence of East Asian monsoon and heavy haze events. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 2623-2635.	4.9	11
39	$^{233}\text{U}/^{236}\text{U}$ signature allows to distinguish environmental emissions of civil nuclear industry from weapons fallout. <i>Nature Communications</i> , 2020, 11, 1275.	12.8	43
40	Influence of $\beta$ -irradiation and oxygen conditions on the diffusion of I-125 in crushed Beishan granite. <i>Applied Radiation and Isotopes</i> , 2020, 163, 109224.	1.5	1
41	Environmental liquid scintillation analysis. , 2020, , 41-136.		8
42	Determination of Ultratrace Level $^{135}\text{Cs}$ and $^{135}\text{Cs}/^{137}\text{Cs}$ Ratio in Small Volume Seawater by Chemical Separation and Thermal Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 6709-6718.	6.5	11
43	A preliminary study of $^{99}\text{Tc}$ measurement using matrix-assisted low energy AMS. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2019, 455, 181-189.	1.4	7
44	Determination of Femtogram-Level Plutonium Isotopes in Environmental and Forensic Samples with High-Level Uranium Using Chemical Separation and ICP-MS/MS Measurement. <i>Analytical Chemistry</i> , 2019, 91, 11553-11561.	6.5	35
45	Atmospheric Iodine ( $^{127}\text{I}$ and $^{129}\text{I}$ ) Record in Spruce Tree Rings in the Northeast Qinghai-Tibet Plateau. <i>Environmental Science &amp; Technology</i> , 2019, 53, 8706-8714.	10.0	24
46	Analysis of $^{129}\text{I}$ and $^{127}\text{I}$ in soils of the Chernobyl Exclusion Zone, 29 years after the deposition of $^{129}\text{I}$ . <i>Science of the Total Environment</i> , 2019, 692, 966-974.	8.0	9
47	Preparation of $^{93}\text{Mo}$ solution using proton irradiated Nb. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 322, 1833-1839.	1.5	3
48	Radioanalysis of ultra-low level radionuclides for environmental tracer studies and decommissioning of nuclear facilities. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 322, 1217-1245.	1.5	21
49	Iodine-129 in ore and surface soil in a uranium deposit. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 322, 1819-1823.	1.5	0
50	Level, distribution and sources of plutonium in the coastal areas of China. <i>Chemosphere</i> , 2019, 230, 587-595.	8.2	28
51	Late Holocene pathway of Asian Summer Monsoons imprinted in soils and societal implications. <i>Quaternary Science Reviews</i> , 2019, 215, 35-44.	3.0	8
52	Evaluation of soil erosion and ecological rehabilitation in Loess Plateau region in Northwest China using plutonium isotopes. <i>Soil and Tillage Research</i> , 2019, 191, 162-170.	5.6	37
53	Anthropogenic $^{129}\text{I}$ in the sediment cores in the East China sea: Sources and transport pathways. <i>Environmental Pollution</i> , 2019, 245, 443-452.	7.5	19
54	Spatial and vertical distribution of $^{129}\text{I}$ and $^{127}\text{I}$ in the East China Sea: Inventory, source and transportation. <i>Science of the Total Environment</i> , 2019, 652, 177-188.	8.0	7

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55	Pre-nuclear level of <sup>129</sup> I in Chinese loess-paleosol sections: A search for the natural <sup>129</sup> I level for dating in terrestrial environments. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 231, 64-72.	3.9	12
56	Impact of North Korean nuclear weapons test on 3 September, 2017 on inland China traced by <sup>14</sup> C and <sup>129</sup> I. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 316, 383-388.	1.5	3
57	Spatial and vertical distribution of radiocesium in seawater of the East China Sea. <i>Marine Pollution Bulletin</i> , 2018, 128, 361-368.	5.0	15
58	Determination of <sup>129</sup> I in environmental solid samples using pyrolysis separation and accelerator mass spectrometry measurement. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 317, 487-499.	1.5	9
59	A 60-year record of <sup>129</sup> I in Taal Lake sediments (Philippines): Influence of human nuclear activities at low latitude regions. <i>Chemosphere</i> , 2018, 193, 1149-1156.	8.2	21
60	Calibration of HPGe coincidence spectrometer through performing standardisation of <sup>125</sup> I activity by X-ray-gamma coincidence spectrometry using two HPGe detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 880, 194-200.	1.6	2
61	Liquid scintillation counting for determination of radionuclides in environmental and nuclear application. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 318, 1597-1628.	1.5	48
62	Origin and evolution of oilfield waters in the Tazhong oilfield, Tarim Basin, China, and their relationship to multiple hydrocarbon charging events. <i>Marine and Petroleum Geology</i> , 2018, 98, 554-568.	3.3	17
63	Rapid determination of <sup>129</sup> I in large-volume water samples using rotary evaporation preconcentration and accelerator mass spectrometry measurement. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 318, 2355-2361.	1.5	2
64	Determination of ultra-low level plutonium isotopes ( <sup>239</sup> Pu, <sup>240</sup> Pu) in environmental samples with high uranium. <i>Talanta</i> , 2018, 187, 357-364.	5.5	57
65	Sedimentary record of plutonium in the North Yellow Sea and the response to catchment environmental changes of inflow rivers. <i>Chemosphere</i> , 2018, 207, 130-138.	8.2	28
66	Evaluation of gross- $\alpha$ and gross- $\beta$ activities in groundwater of the Haihe River Plain, China. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 317, 193-201.	1.5	5
67	Insight Into Radioisotope <sup>129</sup> I Deposition in Fresh Snow at a Remote Glacier Basin of Northeast Tibetan Plateau, China. <i>Geophysical Research Letters</i> , 2018, 45, 6726-6733.	4.0	14
68	Determination of <sup>129</sup> I in aerosols using pyrolysis and AgI-AgCl coprecipitation separation and accelerator mass spectrometry measurements. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 1729-1736.	3.0	6
69	Source, Age, and Evolution of Coal Measures Water in Central-South Qinshui Basin, China. <i>Energy &amp; Fuels</i> , 2018, 32, 7358-7373.	5.1	6
70	Long-lived radionuclides as chronometers and tracers of environmental processes at the Xi'an Accelerator Mass Spectrometry Center. <i>Chemical Geology</i> , 2018, 493, 258-265.	3.3	0
71	Iodine isotopes ( <sup>129</sup> I and <sup>127</sup> I) in the hydrosphere of Qinghai-Tibet region and South China Sea. <i>Journal of Environmental Radioactivity</i> , 2018, 192, 86-94.	1.7	5
72	Tritium and <sup>14</sup> C in the Environment and Nuclear Facilities: Sources and Analytical Methods. <i>Journal of Nuclear Fuel Cycle and Waste Technology</i> , 2018, 16, 11-39.	0.3	32

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73	Anthropogenic <sup>236</sup> U in Danish Seawater: Global Fallout versus Reprocessing Discharge. <i>Environmental Science &amp; Technology</i> , 2017, 51, 6867-6876.	10.0	24
74	Historical changes in <sup>239</sup> Pu and <sup>240</sup> Pu sources in sedimentary records in the East China Sea: Implications for provenance and transportation. <i>Earth and Planetary Science Letters</i> , 2017, 466, 32-42.	4.4	50
75	Speciation analysis of <sup>129</sup> I in seawater using coprecipitation and accelerator mass spectrometry and its applications. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 833-841.	1.5	10
76	Water Circulation and Marine Environment in the Antarctic Traced by Speciation of <sup>129</sup> I and <sup>127</sup> I. <i>Scientific Reports</i> , 2017, 7, 7726.	3.3	11
77	Determination of radionuclidic impurities in <sup>99m</sup> Tc eluate from <sup>99</sup> Mo/ <sup>99m</sup> Tc generator for quality control. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 659-668.	1.5	7
78	Local variance of atmospheric <sup>14</sup> C concentrations around Fukushima Dai-ichi Nuclear Power Plant from 2010 to 2012. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 1001-1007.	1.5	9
79	Session Keynote: Sixty Years of Environmental Radioactivity Research at RisÅ, Denmark and Future Guidelines. , 2017, , .		0
80	Preliminary Investigation on the Rapid and Direct AMS Measurement of <sup>129</sup> I in Environmental Samples without Chemical Separation. <i>Radiocarbon</i> , 2016, 58, 147-156.	1.8	4
81	Determination of ultra-low level <sup>129</sup> I in vegetation using pyrolysis for iodine separation and accelerator mass spectrometry measurements. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 1298-1310.	3.0	16
82	<sup>14</sup> C levels in the vicinity of the Fukushima Dai-ichi Nuclear Power Plant prior to the 2011 accident. <i>Journal of Environmental Radioactivity</i> , 2016, 157, 90-96.	1.7	19
83	Iodine isotopes in precipitation: Four-year time series variations before and after 2011 Fukushima nuclear accident. <i>Journal of Environmental Radioactivity</i> , 2016, 155-156, 38-45.	1.7	12
84	<sup>129</sup> I and its species in the East China Sea: level, distribution, sources and tracing water masses exchange and movement. <i>Scientific Reports</i> , 2016, 6, 36611.	3.3	17
85	Analysis of Technetium Species and Fractions in Natural Seaweed Using Biochemical Separation and ICP-MS Measurement. <i>Analytical Chemistry</i> , 2016, 88, 11931-11937.	6.5	9
86	Radiocarbon Releases from the 2011 Fukushima Nuclear Accident. <i>Scientific Reports</i> , 2016, 6, 36947.	3.3	21
87	Speciation of <sup>127</sup> I and <sup>129</sup> I in atmospheric aerosols at RisÅ, Denmark: insight into sources of iodine isotopes and their species transformations. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 1971-1985.	4.9	24
88	Carbon, cesium and iodine isotopes in Japanese cedar leaves from Iwaki, Fukushima. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 310, 927-934.	1.5	11
89	<sup>129</sup> I record of nuclear activities in marine sediment core from Jiaozhou Bay in China. <i>Journal of Environmental Radioactivity</i> , 2016, 154, 15-24.	1.7	34
90	Distribution and source of <sup>129</sup> I, <sup>239</sup> , <sup>240</sup> Pu, <sup>137</sup> Cs in the environment of Lithuania. <i>Journal of Environmental Radioactivity</i> , 2016, 151, 166-173.	1.7	8

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91	Present status and perspective of radiochemical analysis of radionuclides in Nordic countries. Journal of Radioanalytical and Nuclear Chemistry, 2016, 309, 1283-1319.	1.5	10
92	Iodine-129 chronological study of brines from an Ordovician paleokarst reservoir in the Lunnan oilfield, Tarim Basin. Applied Geochemistry, 2016, 65, 14-21.	3.0	11
93	Tracing variability in the iodine isotopes and species along surface water transect from the North Sea to the Canary Islands. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 1407-1412.	1.5	2
94	<sup>129</sup> I and <sup>137</sup> Cs in groundwater in the vicinity of Fukushima Dai-ichi nuclear power plant. Geochemical Journal, 2016, 50, 287-291.	1.0	4
95	Distribution and sources of <sup>226</sup> Ra in groundwater of arid region. Journal of Radioanalytical and Nuclear Chemistry, 2015, 309, 667.	1.5	2
96	Speciation Analysis of <sup>129</sup> I and <sup>127</sup> I in Aerosols Using Sequential Extraction and Mass Spectrometry Detection. Analytical Chemistry, 2015, 87, 6937-6944.	6.5	19
97	Speciation of Radiocesium and Radioiodine in Aerosols from Tsukuba after the Fukushima Nuclear Accident. Environmental Science & Technology, 2015, 49, 1017-1024.	10.0	59
98	Plutonium as a tracer for soil erosion assessment in northeast China. Science of the Total Environment, 2015, 511, 176-185.	8.0	53
99	Radiocarbon concentration in modern tree rings from Fukushima, Japan. Journal of Environmental Radioactivity, 2015, 146, 67-72.	1.7	25
100	Iodine-129 in Snow and Seawater in the Antarctic: Level and Source. Environmental Science & Technology, 2015, 49, 6691-6700.	10.0	24
101	Accelerator Mass Spectrometry Analysis of Ultra-Low-Level <sup>129</sup> I in Carrier-Free AgI-AgCl Sputter Targets. Journal of the American Society for Mass Spectrometry, 2015, 26, 725-733.	2.8	19
102	Method for <sup>236</sup> U Determination in Seawater Using Flow Injection Extraction Chromatography and Accelerator Mass Spectrometry. Analytical Chemistry, 2015, 87, 7411-7417.	6.5	30
103	Combination of fasudil and celecoxib promotes the recovery of injured spinal cord in rats better than celecoxib or fasudil alone. Neural Regeneration Research, 2015, 10, 1836.	3.0	13
104	Radioactive <sup>129</sup> I in surface water of the Celtic Sea. Journal of Radioanalytical and Nuclear Chemistry, 2014, 299, 249-253.	1.5	11
105	Analysis of low-level <sup>129</sup> I in brine using accelerator mass spectrometry. Journal of Radioanalytical and Nuclear Chemistry, 2014, 299, 1965-1971.	1.5	6
106	Radioactivity in groundwater along the borders of Oman and UAE. Journal of Radioanalytical and Nuclear Chemistry, 2014, 299, 1653-1660.	1.5	11
107	<sup>129</sup> I assessment reveals the impact of Fukushima incident on Dapeng Peninsula, Shenzhen, China. Journal of Radioanalytical and Nuclear Chemistry, 2014, 301, 57-63.	1.5	4
108	Determination of plutonium isotopes ( <sup>238</sup> Pu, <sup>239</sup> Pu, <sup>240</sup> Pu, <sup>241</sup> Pu) in environmental samples using radiochemical separation combined with radiometric and mass spectrometric measurements. Talanta, 2014, 119, 590-595.	5.5	49



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109	Rapid Multisample Analysis for Simultaneous Determination of Anthropogenic Radionuclides in Marine Environment. <i>Environmental Science &amp; Technology</i> , 2014, 48, 3935-3942.	10.0	26
110	Natural radioactivity in groundwater from the south-eastern Arabian Peninsula and environmental implications. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 6157-6167.	2.7	13
111	Temporal Variation of Iodine Isotopes in the North Sea. <i>Environmental Science &amp; Technology</i> , 2014, 48, 1419-1425.	10.0	13
112	Comparison of sample preparation methods for reliable plutonium and neptunium urinalysis using automatic extraction chromatography. <i>Talanta</i> , 2014, 128, 75-82.	5.5	8
113	Uranium isotopes in carbonate aquifers of arid region setting. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 298, 1899-1905.	1.5	10
114	Seasonal variation of <sup>129</sup> I species in the Baltic Proper. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 295, 1797-1801.	1.5	0
115	Sequential Injection Approach for Simultaneous Determination of Ultratrace Plutonium and Neptunium in Urine with Accelerator Mass Spectrometry. <i>Analytical Chemistry</i> , 2013, 85, 8826-8833.	6.5	23
116	<sup>129</sup> I in the Baltic Proper and Bothnian Sea: application for estimation of water exchange and environmental impact. <i>Journal of Environmental Radioactivity</i> , 2013, 120, 64-72.	1.7	9
117	Speciation and migration of <sup>129</sup> I in soil profiles. <i>Journal of Environmental Radioactivity</i> , 2013, 118, 30-39.	1.7	23
118	Release of iodine from organic matter in natural water by $K_2S_2O_8$ oxidation for <sup>129</sup> I determination. <i>Analytical Methods</i> , 2013, 5, 449-456.	2.7	15
119	Plutonium in Soils from Northeast China and Its Potential Application for Evaluation of Soil Erosion. <i>Scientific Reports</i> , 2013, 3, 3506.	3.3	58
120	Depth profiles of <sup>129</sup> I species in the Bothnian Sea. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 295, 1459-1463.	1.5	1
121	Circulation of water masses in the Baltic Proper revealed through iodine isotopes. <i>Applied Geochemistry</i> , 2013, 36, 118-124.	3.0	2
122	Model simulation of inflow water to the Baltic Sea based on <sup>129</sup> I. <i>Applied Radiation and Isotopes</i> , 2013, 82, 223-231.	1.5	1
123	Progress on <sup>129</sup> I analysis and its application in environmental and geological researches. <i>Desalination</i> , 2013, 321, 32-46.	8.2	28
124	Seasonal variation of technetium-99 in <i>Fucus vesiculosus</i> and its application as an oceanographic tracer. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 127, 24-28.	2.1	9
125	Iodine-129 in Seawater Offshore Fukushima: Distribution, Inorganic Speciation, Sources, and Budget. <i>Environmental Science &amp; Technology</i> , 2013, 47, 3091-3098.	10.0	193
126	Performance of Accelerator Mass Spectrometry for <sup>129</sup> I using AgI/AgCl carrier-free coprecipitation. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2013, 294, 276-280.	1.4	7



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127	Analysis and environmental application of <sup>129</sup> I at the Xi'an Accelerator Mass Spectrometry Center. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 147-151.	1.4	8
128	A summary of global <sup>129</sup> I in marine waters. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 537-541.	1.4	35
129	Method for Determination of Neptunium in Large-Sized Urine Samples Using Manganese Dioxide Coprecipitation and <sup>242</sup> Pu as Yield Tracer. Analytical Chemistry, 2013, 85, 1889-1895.	6.5	12
130	Bead Injection Extraction Chromatography Using High-Capacity Lab-on-Valve as a Front End to Inductively Coupled Plasma Mass Spectrometry for Urine Radioassay. Analytical Chemistry, 2013, 85, 2853-2859.	6.5	27
131	Sequential Injection Method for Rapid and Simultaneous Determination of <sup>236</sup> U, <sup>237</sup> Np, and Pu Isotopes in Seawater. Analytical Chemistry, 2013, 85, 11026-11033.	6.5	36
132	Speciation Analysis of <sup>129</sup> I in Seawater by Carrier-Free AgI/AgCl Coprecipitation and Accelerator Mass Spectrometric Measurement. Analytical Chemistry, 2013, 85, 3715-3722.	6.5	15
133	Iodine Isotopes in Precipitation: Temporal Responses to <sup>129</sup> I Emissions from the Fukushima Nuclear Accident. Environmental Science & Technology, 2013, 47, 10851-10859.	10.0	106
134	Speciation analysis of <sup>129</sup> I and its applications in environmental research. Radiochimica Acta, 2013, 101, 525-540.	1.2	20
135	Iodine isotopes species fingerprinting environmental conditions in surface water along the northeastern Atlantic Ocean. Scientific Reports, 2013, 3, 2685.	3.3	31
136	Cesium, iodine and tritium in NW Pacific waters – a comparison of the Fukushima impact with global fallout. Biogeosciences, 2013, 10, 5481-5496.	3.3	116
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