Xiaolin Hou

List of Publications by Year
in descending order

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236	6,459	76326	106344
papers	citations	40 h-index	65 g-index

269	269	269	3545
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Critical comparison of radiometric and mass spectrometric methods for the determination of radionuclides in environmental, biological and nuclear waste samples. Analytica Chimica Acta, 2008, 608, 105-139.	5.4	310
2	A review on speciation of iodine-129 in the environmental and biological samples. Analytica Chimica Acta, 2009, 632, 181-196.	5.4	308
3	Iodine-129 in Seawater Offshore Fukushima: Distribution, Inorganic Speciation, Sources, and Budget. Environmental Science & Technology, 2013, 47, 3091-3098.	10.0	193
4	Study on the concentration and seasonal variation of inorganic elements in 35 species of marine algae. Science of the Total Environment, 1998, 222, 141-156.	8.0	158
5	Iodine-129 and Caesium-137 in Chernobyl contaminated soil and their chemical fractionation. Science of the Total Environment, 2003, 308, 97-109.	8.0	122
6	Determination of plutonium isotopes in waters and environmental solids: A review. Analytica Chimica Acta, 2009, 652, 66-84.	5.4	116
7	Cesium, iodine and tritium in NW Pacific waters â€“ a comparison of the Fukushima impact with global fallout. Biogeosciences, 2013, 10, 5481-5496.	3.3	116
8	Determination of chemical species of iodine in some seaweeds (I). Science of the Total Environment, 1997, 204, 215-221.	8.0	111
9	Speciation of ¹²⁹I and ¹²⁷I in Seawater and Implications for Sources and Transport Pathways in the North Sea. Environmental Science & Technology, 2007, 41, 5993-5999.	10.0	107
10	Iodine Isotopes in Precipitation: Temporal Responses to ¹²⁹I Emissions from the Fukushima Nuclear Accident. Environmental Science & Technology, 2013, 47, 10851-10859.	10.0	106
11	Determination of technetium-99 in environmental samples: A review. Analytica Chimica Acta, 2012, 709, 1-20.	5.4	101
12	Anaerobic xylose fermentation by Spathaspora passalidarum. Applied Microbiology and Biotechnology, 2012, 94, 205-214.	3.6	97
13	Chemical speciation analysis of 129I in seawater and a preliminary investigation to use it as a tracer for geochemical cycle study of stable iodine. Marine Chemistry, 2001, 74, 145-155.	2.3	94
14	Time Series of¹²⁹I and¹²⁷I Speciation in Precipitation from Denmark. Environmental Science & Technology, 2009, 43, 6522-6528.	10.0	79
15	Rapid analysis of 14C and 3H in graphite and concrete for decommissioning of nuclear reactor. Applied Radiation and Isotopes, 2005, 62, 871-882.	1.5	75
16	Determination of Chemical Species of Iodine in Seawater by Radiochemical Neutron Activation Analysis Combined with Ion-Exchange Preseparation. Analytical Chemistry, 1999, 71, 2745-2750.	6.5	70
17	Determination of 63Ni and 55Fe in nuclear waste samples using radiochemical separation and liquid scintillation counting. Analytica Chimica Acta, 2005, 535, 297-307.	5.4	70
18	Iodine-129 Time Series in Danish, Norwegian and Northwest Greenland Coast and the Baltic Sea by Seaweed. Estuarine, Coastal and Shelf Science, 2000, 51, 571-584.	2.1	68

#	Article	IF	Citations
19	Radiochemical analysis of radionuclides difficult to measure for waste characterization in decommissioning of nuclear facilities. Journal of Radioanalytical and Nuclear Chemistry, 2007, 273, 43-48.	1.5	59
20	Determination of Ultralow Level ¹²⁹I/¹²⁷I in Natural Samples by Separation of Microgram Carrier Free Iodine and Accelerator Mass Spectrometry Detection. Analytical Chemistry, 2010, 82, 7713-7721.	6.5	59
21	Speciation of Radiocesium and Radioiodine in Aerosols from Tsukuba after the Fukushima Nuclear Accident. Environmental Science & Technology, 2015, 49, 1017-1024.	10.0	59
22	Determination of 129I in seawater and some environmental materials by neutron activation analysis. Analyst, The, 1999, 124, 1109-1114.	3.5	58
23	Level and origin of Iodine-129 in the Baltic Sea. Journal of Environmental Radioactivity, 2002, 61, 331-343.	1.7	58
24	Plutonium in Soils from Northeast China and Its Potential Application for Evaluation of Soil Erosion. Scientific Reports, 2013, 3, 3506.	3.3	58
25	Determination of ultra-low level plutonium isotopes (239Pu, 240Pu) in environmental samples with high uranium. Talanta, 2018, 187, 357-364.	5.5	57
26	Characterization of a non-fouling ultrafiltration membrane. Desalination, 2006, 192, 252-261.	8.2	56
27	Competitive Protein Adsorptionâ€"Multilayer Adsorption and Surface Induced Protein Aggregation. Langmuir, 2009, 25, 2081-2089.	3.5	56
28	Chemical Species of Iodine in Some Seaweeds II. Iodine-Bound Biological Macromolecules. Journal of Radioanalytical and Nuclear Chemistry, 2000, 245, 461-467.	1.5	55
29	Rapid Determination of Plutonium Isotopes in Environmental Samples Using Sequential Injection Extraction Chromatography and Detection by Inductively Coupled Plasma Mass Spectrometry. Analytical Chemistry, 2009, 81, 8185-8192.	6.5	55
30	Rapid and simultaneous determination of neptunium and plutonium isotopes in environmental samples by extraction chromatography using sequential injection analysis and ICP-MS. Journal of Analytical Atomic Spectrometry, 2010, 25, 1769.	3.0	54
31	Plutonium as a tracer for soil erosion assessment in northeast China. Science of the Total Environment, 2015, 511, 176-185.	8.0	53
32	Iodine (129I and 127I) in aerosols from northern Europe. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 1139-1141.	1.4	50
33	Historical changes in 239Pu and 240Pu sources in sedimentary records in the East China Sea: Implications for provenance and transportation. Earth and Planetary Science Letters, 2017, 466, 32-42.	4.4	50
34	Determination of plutonium isotopes (238Pu, 239Pu, 240Pu, 241Pu) in environmental samples using radiochemical separation combined with radiometric and mass spectrometric measurements. Talanta, 2014, 119, 590-595.	5.5	49
35	Liquid scintillation counting for determination of radionuclides in environmental and nuclear application. Journal of Radioanalytical and Nuclear Chemistry, 2018, 318, 1597-1628.	1.5	48
36	Partition of iodine (129I and 127I) isotopes in soils and marine sediments. Journal of Environmental Radioactivity, 2011, 102, 1096-1104.	1.7	46

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37	Iodide and iodate (129I and 127I) in surface water of the Baltic Sea, Kattegat and Skagerrak. Science of the Total Environment, 2011, 412-413, 296-303.	8.0	46
38	Surface Modification of PET Films Using Pulsed AC Plasma Polymerisation Aimed at Preventing Protein Adsorption. Plasma Processes and Polymers, 2005, 2, 53-63.	3.0	45
39	Speciation analysis of 129I, 137Cs, 232Th, 238U, 239Pu and 240Pu in environmental soil and sediment. Applied Radiation and Isotopes, 2012, 70, 1698-1708.	1.5	44
40	233U/236U signature allows to distinguish environmental emissions of civil nuclear industry from weapons fallout. Nature Communications, 2020, 11, 1275.	12.8	43
41	Separation of Sr from Ca, Ba and Ra by means of Ca(OH)2 and Ba(Ra)Cl2 or Ba(Ra)SO4 for the determination of radiostrontium. Analytica Chimica Acta, 2002, 466, 109-116.	5.4	42
42	Application of129I as an environmental tracer. Journal of Radioanalytical and Nuclear Chemistry, 2004, 262, 67-75.	1.5	42
43	High-Throughput Sequential Injection Method for Simultaneous Determination of Plutonium and Neptunium in Environmental Solids Using Macroporous Anion-Exchange Chromatography, Followed by Inductively Coupled Plasma Mass Spectrometric Detection. Analytical Chemistry, 2011, 83, 374-381.	6.5	42
44	Subcellular distribution of selenium and Se-containing proteins in human liver. Biochimica Et Biophysica Acta - General Subjects, 1999, 1427, 205-215.	2.4	41
45	Distribution of ¹²⁷I and ¹²⁹I in precipitation at high European latitudes. Geophysical Research Letters, 2009, 36, .	4.0	40
46	Level and source of 129I of environmental samples in Xi'an region, China. Science of the Total Environment, 2011, 409, 3780-3788.	8.0	40
47	Study of chemical speciation of trace elements by molecular activation analysis and other nuclear techniques. Journal of Analytical Atomic Spectrometry, 2004, 19, 26.	3.0	39
48	Iodine-129 in human thyroids and seaweed in China. Science of the Total Environment, 2000, 246, 285-291.	8.0	37
49	Evaluation of soil erosion and ecological rehabilitation in Loess Plateau region in Northwest China using plutonium isotopes. Soil and Tillage Research, 2019, 191, 162-170.	5.6	37
50	Sequential Injection Method for Rapid and Simultaneous Determination of ²³⁶U, ²³⁷Np, and Pu Isotopes in Seawater. Analytical Chemistry, 2013, 85, 11026-11033.	6.5	36
51	A summary of global 129I in marine waters. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 537-541.	1.4	35
52	Determination of Femtogram-Level Plutonium Isotopes in Environmental and Forensic Samples with High-Level Uranium Using Chemical Separation and ICP-MS/MS Measurement. Analytical Chemistry, 2019, 91, 11553-11561.	6.5	35
53	Hexadecylpyridinium (HDPy) modified bentonite for efficient and selective removal of 99Tc from wastewater. Chemical Engineering Journal, 2020, 382, 122894.	12.7	35
54	Iodine Isotopes (¹²⁹I and ¹²⁷I) in the Baltic Proper, Kattegat, and Skagerrak Basins. Environmental Science & Technology, 2011, 45, 903-909.	10.0	34

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55	129I record of nuclear activities in marine sediment core from Jiaozhou Bay in China. Journal of Environmental Radioactivity, 2016, 154, 15-24.	1.7	34
56	Determination of36Cl in Nuclear Waste from Reactor Decommissioning. Analytical Chemistry, 2007, 79, 3126-3134.	6.5	33
57	Separation of no-carrier-added 64Cu from a proton irradiated 64Ni enriched nickel target. Applied Radiation and Isotopes, 2002, 57, 773-777.	1.5	32
58	Determination of radiostrontium in environmental samples using sodium hydroxide for separation of strontium from calcium. Journal of Radioanalytical and Nuclear Chemistry, 2006, 269, 161-173.	1.5	32
59	Tritium and ¹⁴C in the Environment and Nuclear Facilities: Sources and Analytical Methods. Journal of Nuclear Fuel Cycle and Waste Technology, 2018, 16, 11-39.	0.3	32
60	Protein aggregation and degradation during iodine labeling and its consequences for protein adsorption to biomaterials. Analytical Biochemistry, 2007, 361, 120-125.	2.4	31
61	Iodine isotopes species fingerprinting environmental conditions in surface water along the northeastern Atlantic Ocean. Scientific Reports, 2013, 3, 2685.	3.3	31
62	Determination of bromine and iodine in biological and environmental materials using epithermal neutron activation analysis. Fresenius' Journal of Analytical Chemistry, 1997, 357, 1106-1110.	1.5	30
63	Effect of nitinol wire surface properties on albumin adsorption. Acta Biomaterialia, 2007, 3, 103-111.	8.3	30
64	129I Variability in precipitation over Europe. Nuclear Instruments & Methods in Physics Research B, 2007, 259, 508-512.	1.4	30
65	Speciation of iodine (127I and 129I) in lake sediments. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 1102-1105.	1.4	30
66	Stability of Technetium and Decontamination from Ruthenium and Molybdenum in Determination of ⁹⁹Tc in Environmental Solid Samples by ICPMS. Analytical Chemistry, 2012, 84, 2009-2016.	6.5	30
67	Method for ²³⁶U Determination in Seawater Using Flow Injection Extraction Chromatography and Accelerator Mass Spectrometry. Analytical Chemistry, 2015, 87, 7411-7417.	6.5	30
68	Rapid Determination of Technetium-99 in Large Volume Seawater Samples Using Sequential Injection Extraction Chromatographic Separation and ICP-MS Measurement. Analytical Chemistry, 2012, 84, 6783-6789.	6.5	29
69	Iodine-129 in thyroid and urine in Ukraine and Denmark. Science of the Total Environment, 2003, 302, 63-73.	8.0	28
70	Progress on 129I analysis and its application in environmental and geological researches. Desalination, 2013, 321, 32-46.	8.2	28
71	Sedimentary record of plutonium in the North Yellow Sea and the response to catchment environmental changes of inflow rivers. Chemosphere, 2018, 207, 130-138.	8.2	28
72	Level, distribution and sources of plutonium in the coastal areas of China. Chemosphere, 2019, 230, 587-595.	8.2	28

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73	Bead Injection Extraction Chromatography Using High-Capacity Lab-on-Valve as a Front End to Inductively Coupled Plasma Mass Spectrometry for Urine Radiobioassay. Analytical Chemistry, 2013, 85, 2853-2859.	6.5	27
74	Use of 99mTc from a commercial 99Mo/99mTc generator as yield tracer for the determination of 99Tc at low levels. Applied Radiation and Isotopes, 2007, 65, 610-618.	1.5	26
75	Competitive protein adsorption to polymer surfaces from human serum. Journal of Materials Science: Materials in Medicine, 2008, 19, 2179-2185.	3.6	26
76	Rapid Multisample Analysis for Simultaneous Determination of Anthropogenic Radionuclides in Marine Environment. Environmental Science & Technology, 2014, 48, 3935-3942.	10.0	26
77	An unknown source of reactor radionuclides in the Baltic Sea revealed by multi-isotope fingerprints. Nature Communications, 2021, 12, 823.	12.8	26
78	Technetium-99 decontamination from radioactive wastewater by modified bentonite: batch, column experiment and mechanism investigation. Chemical Engineering Journal, 2022, 428, 131333.	12.7	26
79	Reliable determination of 237Np in environmental solid samples using 242Pu as a potential tracer. Talanta, 2011, 84, 494-500.	5.5	25
80	Speciation of 129I in sea, lake and rain waters. Science of the Total Environment, 2012, 419, 60-67.	8.0	25
81	Radiocarbon concentration in modern tree rings from Fukushima, Japan. Journal of Environmental Radioactivity, 2015, 146, 67-72.	1.7	25
82	Radiochemical determination of 41Ca in nuclear reactor concrete. Radiochimica Acta, 2005, 93, 611-617.	1.2	24
83	Iodine-129 enrichment in sediment of the Baltic Sea. Applied Geochemistry, 2007, 22, 637-647.	3.0	24
84	Competitive Protein Adsorption of Albumin and Immunoglobulin G from Human Serum onto Polymer Surfaces. Langmuir, 2010, 26, 938-942.	3.5	24
85	Rapid isolation of plutonium in environmental solid samples using sequential injection anion exchange chromatography followed by detection with inductively coupled plasma mass spectrometry. Analytica Chimica Acta, 2011, 685, 111-119.	5.4	24
86	Iodine-129 in Snow and Seawater in the Antarctic: Level and Source. Environmental Science & Technology, 2015, 49, 6691-6700.	10.0	24
87	Speciation of ¹²⁷I and ¹²⁹I in atmospheric aerosols at RisÃ¸, Denmark: insight into sources of iodine isotopes and their species transformations. Atmospheric Chemistry and Physics, 2016, 16, 1971-1985.	4.9	24
88	Anthropogenic ²³⁶U in Danish Seawater: Global Fallout versus Reprocessing Discharge. Environmental Science & Technology, 2017, 51, 6867-6876.	10.0	24
89	Atmospheric Iodine (¹²⁷I and ¹²⁹I) Record in Spruce Tree Rings in the Northeast Qinghai-Tibet Plateau. Environmental Science & Technology, 2019, 53, 8706-8714.	10.0	24
90	Epithermal neutron activation analysis and its application in the Miniature Neutron Source Reactor. Journal of Radioanalytical and Nuclear Chemistry, 1996, 210, 137-148.	1.5	23

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91	The study of iodine in Chinese total diets. Science of the Total Environment, 1997, 193, 161-167.	8.0	23
92	Sequential Injection Approach for Simultaneous Determination of Ultratrace Plutonium and Neptunium in Urine with Accelerator Mass Spectrometry. Analytical Chemistry, 2013, 85, 8826-8833.	6.5	23
93	Speciation and migration of 129I in soil profiles. Journal of Environmental Radioactivity, 2013, 118, 30-39.	1.7	23
94	A new preconcentration method for platinum and gold based on a macropore anion resin HHY-10A. Talanta, 1997, 44, 1313-1317.	5.5	22
95	70-Year Anthropogenic Uranium Imprints of Nuclear Activities in Baltic Sea Sediments. Environmental Science & Technology, 2021, 55, 8918-8927.	10.0	22
96	The method of surface PEGylation influences leukocyte adhesion and activation. Journal of Materials Science: Materials in Medicine, 2006, 17, 203-211.	3.6	21
97	Radiocarbon Releases from the 2011 Fukushima Nuclear Accident. Scientific Reports, 2016, 6, 36947.	3.3	21
98	A 60-year record of 129I in Taal Lake sediments (Philippines): Influence of human nuclear activities at low latitude regions. Chemosphere, 2018, 193, 1149-1156.	8.2	21
99	Radioanalysis of ultra-low level radionuclides for environmental tracer studies and decommissioning of nuclear facilities. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 1217-1245.	1.5	21
100	Pre-Separation Neutron Activation Analysis of Sewater, Urine and Milk for Iodide and Iodate. Journal of Radioanalytical and Nuclear Chemistry, 2000, 244, 87-91.	1.5	20
101	The distribution patterns of trace elements in the brain and erythrocytes in a rat experimental model of iodine deficiency. Brain Research Bulletin, 2001, 55, 309-312.	3.0	20
102	Speciation analysis of ¹²⁹I and its applications in environmental research. Radiochimica Acta, 2013, 101, 525-540.	1.2	20
103	129I level in seawater near a nuclear power plant determined by accelerator mass spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 632, 152-156.	1.6	19
104	Speciation Analysis of ¹²⁹I and ¹²⁷I in Aerosols Using Sequential Extraction and Mass Spectrometry Detection. Analytical Chemistry, 2015, 87, 6937-6944.	6.5	19
105	Accelerator Mass Spectrometry Analysis of Ultra-Low-Level ¹²⁹I in Carrier-Free AgI-AgCl Sputter Targets. Journal of the American Society for Mass Spectrometry, 2015, 26, 725-733.	2.8	19
106	14C levels in the vicinity of the Fukushima Dai-ichi Nuclear Power Plant prior to the 2011 accident. Journal of Environmental Radioactivity, 2016, 157, 90-96.	1.7	19
107	Anthropogenic 129I in the sediment cores in the East China sea: Sources and transport pathways. Environmental Pollution, 2019, 245, 443-452.	7.5	19
108	Determination of Ultralow Level ¹³⁵Cs and ¹³⁵Cs/¹³⁷Cs Ratio in Environmental Samples by Chemical Separation and Triple Quadrupole ICP-MS. Analytical Chemistry, 2020, 92, 7884-7892.	6.5	19

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109	Analysis of ¹²⁹I and its Application as Environmental Tracer. Journal of Analytical Science and Technology, 2012, 3, 135-153.	2.1	18
110	Enhanced removal of radioactive iodine anions from wastewater using modified bentonite: Experimental and theoretical study. Chemosphere, 2022, 292, 133401.	8.2	18
111	129I and its species in the East China Sea: level, distribution, sources and tracing water masses exchange and movement. Scientific Reports, 2016, 6, 36611.	3.3	17
112	Origin and evolution of oilfield waters in the Tazhong oilfield, Tarim Basin, China, and their relationship to multiple hydrocarbon charging events. Marine and Petroleum Geology, 2018, 98, 554-568.	3.3	17
113	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. Talanta, 2021, 234, 122652.	5.5	17
114	Determination of bromine and iodine in normal tissues from Beijing healthy adults. Biological Trace Element Research, 1997, 56, 225-230.	3.5	16
115	Assessing deposition levels of 55Fe, 60Co and 63Ni in the Ignalina NPP environment. Journal of Environmental Radioactivity, 2010, 101, 464-467.	1.7	16
116	Extensive Evaluation of a Diffusion Denuder Technique for the Quantification of Atmospheric Stable and Radioactive Molecular Iodine. Environmental Science & Technology, 2010, 44, 5061-5066.	10.0	16
117	Determination of ultra-low level ¹²⁹I in vegetation using pyrolysis for iodine separation and accelerator mass spectrometry measurements. Journal of Analytical Atomic Spectrometry, 2016, 31, 1298-1310.	3.0	16
118	Plutonium isotopes in Northern Xinjiang, China: Level, distribution, sources and their contributions. Environmental Pollution, 2020, 265, 114929.	7.5	16
119	Determination of 19 elements in human eye lenses. Biological Trace Element Research, 1996, 55, 89-98.	3.5	15
120	A study of iodine loss during the preparation and analysis of samples using 131I tracer and neutron activation analysis. Analyst, The, 1998, 123, 2209-2213.	3.5	15
121	Release of iodine from organic matter in natural water by K₂S₂O₈oxidation for¹²⁹I determination. Analytical Methods, 2013, 5, 449-456.	2.7	15
122	Speciation Analysis of ¹²⁹I in Seawater by Carrier-Free Aglâ€“AgCl Coprecipitation and Accelerator Mass Spectrometric Measurement. Analytical Chemistry, 2013, 85, 3715-3722.	6.5	15
123	Spatial and vertical distribution of radiocesium in seawater of the East China Sea. Marine Pollution Bulletin, 2018, 128, 361-368.	5.0	15
124	Evaluation of the readsorption of plutonium and americium in dynamic fractionations of environmental solid samples. Journal of Environmental Radioactivity, 2008, 99, 1165-1174.	1.7	14
125	Fractionation of plutonium in environmental and bio-shielding concrete samples using dynamic sequential extraction. Journal of Environmental Radioactivity, 2010, 101, 244-249.	1.7	14
126	Insight Into Radioâ€Isotope ¹²⁹I Deposition in Fresh Snow at a Remote Glacier Basin of Northeast Tibetan Plateau, China. Geophysical Research Letters, 2018, 45, 6726-6733.	4.0	14

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127	Study on chemical species of iodine in human liver. Biological Trace Element Research, 1999, 69, 69-76.	3.5	13
128	Title is missing!. Journal of Radioanalytical and Nuclear Chemistry, 2000, 244, 259-262.	1.5	13
129	Fibrinogen adsorption on blocked surface of albumin. Colloids and Surfaces B: Biointerfaces, 2011, 84, 71-75.	5.0	13
130	¹²⁷I and ¹²⁹I Species and Transformation in the Baltic Proper, Kattegat, and Skagerrak Basins. Environmental Science & Technology, 2012, 46, 10948-10956.	10.0	13
131	Natural radioactivity in groundwater from the south-eastern Arabian Peninsula and environmental implications. Environmental Monitoring and Assessment, 2014, 186, 6157-6167.	2.7	13
132	Temporal Variation of Iodine Isotopes in the North Sea. Environmental Science & Technology, 2014, 48, 1419-1425.	10.0	13
133	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
134	Rapid determination of plutonium isotopes in small samples using single anion exchange separation and ICP-MS/MS measurement in NH3â€“He mode for sediment dating. Talanta, 2022, 240, 123152.	5.5	13
135	Subcellular distribution of Al, Cu, Mg, Mn and other elements in the human liver. Fresenius' Journal of Analytical Chemistry, 1999, 363, 512-516.	1.5	12
136	Iodine Speciation in Foodstuffs, Tissues, and Environmental Samples. , 2009, , 139-150.		12
137	Method for Determination of Neptunium in Large-Sized Urine Samples Using Manganese Dioxide Coprecipitation and ²⁴²Pu as Yield Tracer. Analytical Chemistry, 2013, 85, 1889-1895.	6.5	12
138	Iodine isotopes in precipitation: Four-year time series variations before and after 2011 Fukushima nuclear accident. Journal of Environmental Radioactivity, 2016, 155-156, 38-45.	1.7	12
139	Pre-nuclear level of 129I in Chinese loess-paleosol sections: A search for the natural 129I level for dating in terrestrial environments. Geochimica Et Cosmochimica Acta, 2018, 231, 64-72.	3.9	12
140	Determination of ultra-low level 241Am in soil and sediment using chemical separation and triple quadrupole inductively coupled plasma mass spectrometry measurement with He-NH3 as collision-reaction gas. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2021, 178, 106113.	2.9	12
141	Molecular activation analysis for chemical species studies. Fresenius' Journal of Analytical Chemistry, 1999, 363, 477-480.	1.5	11
142	Radioactive 129I in surface water of the Celtic Sea. Journal of Radioanalytical and Nuclear Chemistry, 2014, 299, 249-253.	1.5	11
143	Radioactivity in groundwater along the borders of Oman and UAE. Journal of Radioanalytical and Nuclear Chemistry, 2014, 299, 1653-1660.	1.5	11
144	Carbon, cesium and iodine isotopes in Japanese cedar leaves from Iwaki, Fukushima. Journal of Radioanalytical and Nuclear Chemistry, 2016, 310, 927-934.	1.5	11

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145	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
146	Water Circulation and Marine Environment in the Antarctic Traced by Speciation of 129I and 127I. Scientific Reports, 2017, 7, 7726.	3.3	11
147	Temporal variation in ¹²⁹I and ¹²⁷I in aerosols from Xi'an, China: influence of East Asian monsoon and heavy haze events. Atmospheric Chemistry and Physics, 2020, 20, 2623-2635.	4.9	11
148	Determination of Ultratrace Level ¹³⁵Cs and ¹³⁵Cs/¹³⁷Cs Ratio in Small Volume Seawater by Chemical Separation and Thermal Ionization Mass Spectrometry. Analytical Chemistry, 2020, 92, 6709-6718.	6.5	11
149	Determination of 135Cs concentration and 135Cs/137Cs ratio in waste samples from nuclear decommissioning by chemical separation and ICP-MS/MS. Talanta, 2021, 221, 121637.	5.5	11
150	On the Quality Control for the Determination of Ultratrace-Level ²³⁶U and ²³³U in Environmental Samples by Accelerator Mass Spectrometry. Analytical Chemistry, 2021, 93, 3362-3369.	6.5	11
151	Level, distribution and sources of plutonium in the northeast and north China. Environmental Pollution, 2021, 289, 117967.	7.5	11
152	Study on chemical species of inorganic elements in some marine algae by neutron activation analysis combined with chemical and biochemical separation techniques. Journal of Radioanalytical and Nuclear Chemistry, 1999, 242, 49-61.	1.5	10
153	Investigation of selenium distribution in subcellular fractions of human liver by neutron activation analysis. Biological Trace Element Research, 1999, 71-72, 131-138.	3.5	10
154	A Preliminary Study of Chromium Distribution in Chromium-Rich Brewer 's Yeast Cell by NAA. Biological Trace Element Research, 2002, 88, 193-199.	3.5	10
155	ANALYSIS OF URINE FOR PURE BETA EMITTERS: METHODS AND APPLICATION. Health Physics, 2011, 101, 159-169.	0.5	10
156	Uranium isotopes in carbonate aquifers of arid region setting. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 1899-1905.	1.5	10
157	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
158	Speciation analysis of 129I in seawater using coprecipitation and accelerator mass spectrometry and its applications. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 833-841.	1.5	10
159	Plutonium isotopes in the northwestern South China Sea: Level, distribution, source and deposition. Environmental Pollution, 2022, 298, 118846.	7.5	10
160	Stability of selenium and its speciation analysis in water using automatic system separation and HR-ICP-MS measurement. Chinese Chemical Letters, 2022, 33, 3444-3450.	9.0	10
161	Modeling Fallout of Anthropogenic ¹²⁹I. Environmental Science & Technology, 2008, 42, 9225-9230.	10.0	9
162	Determination of Low Level 129I in Soil Samples Using Coprecipitation Separation of Carrier Free Iodine and Accelerator Mass Spectrometry Measurement. Chinese Journal of Analytical Chemistry, 2011, 39, 193-197.	1.7	9

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163	129I in the Baltic Proper and Bothnian Sea: application for estimation of water exchange and environmental impact. Journal of Environmental Radioactivity, 2013, 120, 64-72.	1.7	9
164	Seasonal variation of technetium-99 in Fucus vesiculosus and its application as an oceanographic tracer. Estuarine, Coastal and Shelf Science, 2013, 127, 24-28.	2.1	9
165	Analysis of Technetium Species and Fractions in Natural Seaweed Using Biochemical Separation and ICP-MS Measurement. Analytical Chemistry, 2016, 88, 11931-11937.	6.5	9
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