Keiko Tagami

List of Publications by Year
in descending order

177 papers	4,408 citations	109321 35 h-index	144013 57 g-index
181 all docs	181 docs citations	181 times ranked	2604 citing authors

#	Article	IF	Citations
1	Soil-soil solution distribution coefficients of global fallout 239Pu and 237Np in Japanese paddy soils. Chemosphere, 2022, 291, 132775.	8.2	5
2	Extractability of global fallout Pu from agricultural soils and its potential indication of bioavailability. Catena, 2022, 210, 105884.	5.0	2
3	Considerations on Food Materials that Exceeded the Standard Limits of Radiocaesium with Time: Use of Food Monitoring Data. Radioisotopes, 2022, 71, 9-22.	0.2	0
4	Aggregated transfer factor of 137Cs in edible wild plants and its time dependence after the Fukushima Dai-ichi nuclear accident. Scientific Reports, 2022, 12, 5171.	3.3	2
5	A summary of environmental radioactivity research studies by members of the Japan Society of Nuclear and Radiochemical Sciences. Radiochimica Acta, 2022, .	1.2	0
6	Pre- and post-accident environmental transfer of radionuclides in Japan: lessons learned in the IAEA MODARIA II programme. Journal of Radiological Protection, 2022, 42, 020509.	1.1	3
7	Collation of Strontium Concentration Ratios from Water to Aquatic Biota Species in Freshwater and Marine Environments and Factors Affecting the Ratios. Environmental Science & Technology, 2021, 55, 1637-1649.	10.0	3
8	Inequality in the distribution of 137Cs contamination within freshwater fish bodies and its affecting factors. Scientific Reports, 2021, 11, 5769.	3.3	3
9	Aggregated transfer factor of 137Cs in wild edible mushrooms collected in 2016â€“2020 for long-term internal dose assessment use. Journal of Environmental Radioactivity, 2021, 237, 106664.	1.7	3
10	The Recent IAEA Environmental Transfer Parameter Handbooks and Contribution from Japan. Japanese Journal of Health Physics, 2021, 56, 123-132.	0.1	1
11	Mass Interception Fractions and Weathering Half-lives of Iodine-131 and Radiocesium in Leafy Vegetables Observed after the Fukushima Daiichi Nuclear Power Plant Accident. Journal of Radiation Protection and Research, 2021, 46, 178-183.	0.6	1
12	Activity Report of the Task Group on Parameters Used in Biospheric Dose Assessment Models for Radioactive Waste Disposal. Japanese Journal of Health Physics, 2021, 56, 288-305.	0.1	0
13	Soil-to-Crop Transfer Factor: Consideration on Excess Uranium from Phosphate Fertilizer. Radionuclides and Heavy Metals in Environment, 2020, , 163-180.	0.8	2
14	Comparisons of effective half-lives of radiocesium in Japanese tea plants after two nuclear accidents, Chernobyl and Fukushima. Journal of Environmental Radioactivity, 2020, 213, 106109.	1.7	10
15	Simple and sensitive determination of radium-226 in river water by single column-chromatographic separation coupled to SF-ICP-MS analysis in medium resolution mode. Journal of Environmental Radioactivity, 2020, 220-221, 106305.	1.7	7
16	Major Factors Affecting Weathering Half-lives of Iodine-131 and Radiocaesium in Leafy Vegetables Directly Contaminated by Fukushima Dai-ichi Nuclear Power Plant Accident Fallout (1) Calculating Weathering Half-lives of Leafy Vegetables Using Data Observed after the Fukushima Nuclear Accident. Radioisotopes, 2020, 69, 341-352.	0.2	2
17	Major Factors Affecting Weathering Half-lives of Iodine-131 and Radiocaesium in Leafy Vegetables Directly Contaminated by Fukushima Dai-ichi Nuclear Power Plant Accident Fallout (2) Comparison of the Weathering Half-Lives Observed for Herbaceous Plants After the Chernobyl and the Fukushima Nuclear Accidents. Radioisotopes, 2020, 69, 353-364.	0.2	1
18	Quantifying spatial distribution of 137Cs in reference site soil in Asia. Catena, 2019, 180, 341-345.	5.0	10

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19	The transfer of fallout plutonium from paddy soil to rice: A field study in Japan. Journal of Environmental Radioactivity, 2019, 196, 22-28.	1.7	14
20	Use of Environmental Transfer Data to Understand the Fates of Radionuclides in the Environments and the Future. Radioisotopes, 2019, 68, 805-814.	0.2	2
21	Establishing rapid analysis of Pu isotopes in seawater to study the impact of Fukushima nuclear accident in the Northwest Pacific. Scientific Reports, 2018, 8, 1892.	3.3	19
22	Comparisons of soil pretreatment methods for SF-ICP-MS determination of ultra-trace level plutonium in water soluble and exchangeable fractions. Journal of Radioanalytical and Nuclear Chemistry, 2018, 315, 643-651.	1.5	2
23	Rapid determination of ultra-trace plutonium isotopes (239Pu, 240Pu and 241Pu) in small-volume human urine bioassay using sector-field inductively coupled plasma mass spectrometry. Analytica Chimica Acta, 2018, 1000, 85-92.	5.4	9
24	Comparison of radiocesium concentration changes in leguminous and non-leguminous herbaceous plants observed after the Fukushima Dai-ichi Nuclear Power Plant accident. Journal of Environmental Radioactivity, 2018, 186, 3-8.	1.7	8
25	Changes in the Soil to Brown Rice Concentration Ratio of Radiocaesium before and after the Fukushima Daiichi Nuclear Power Plant Accident in 2011. Environmental Science & Technology, 2018, 52, 8339-8345.	10.0	17
26	Radiocaesium transfer and radiation exposure of frogs in Fukushima Prefecture. Scientific Reports, 2018, 8, 10662.	3.3	16
27	Effects of litter feeders on the transfer of 137Cs to plants. Scientific Reports, 2018, 8, 6691.	3.3	2
28	Measurement of the Transfer Factor of Rare Earth Elements from Paddy Soil to Brown Rice and Their Distribution in Rice Grain Using ICP-MS. Bunseki Kagaku, 2018, 67, 405-411.	0.2	5
29	Soil-to-Crop Transfer Factors (TFs) of Alkaline Earth Elements and Comparison of TFs of Stable Sr with Those of Global Fallout 90Sr. , 2018, , 75-92.		0
30	Effects of indoor and outdoor cultivation conditions on¹³⁷Cs concentrations in cultivated mushrooms produced after the Fukushima Daiichi Nuclear Power Plant accident. Journal of the Science of Food and Agriculture, 2017, 97, 600-605.	3.5	6
31	High-Performance Method for Determination of Pu Isotopes in Soil and Sediment Samples by Sector Field-Inductively Coupled Plasma Mass Spectrometry. Analytical Chemistry, 2017, 89, 2221-2226.	6.5	42
32	Comparison of coastal area sediment-seawater distribution coefficients (K d) of stable and radioactive Sr and Cs. Applied Geochemistry, 2017, 85, 148-153.	3.0	14
33	Vertical distributions of Pu and radiocesium isotopes in sediments from Lake Inba after the Fukushima Daiichi Nuclear Power Plant accident: Source identification and accumulation. Applied Geochemistry, 2017, 78, 287-294.	3.0	27
34	Extraction behaviors of interfering elements on TRU and DGA resins for 241Am determination by mass spectrometry. Journal of Radioanalytical and Nuclear Chemistry, 2017, 312, 151-160.	1.5	12
35	Changes of effective half-lives of 137 Cs in three herbaceous plants and bioavailable 137 Cs fraction in soil after the Fukushima nuclear accident. Applied Geochemistry, 2017, 85, 162-168.	3.0	12
36	Time trends in radiocaesium in the Japanese diet following nuclear weapons testing and Chernobyl: Implications for long term contamination post-Fukushima. Science of the Total Environment, 2017, 601-602, 1466-1475.	8.0	10

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37	Estimation of Wild Mushroom Species with Low Radiocaesium Concentrations under Natural Conditions. Radioisotopes, 2017, 66, 277-287.	0.2	6
38	Effective Half-Lives of Radiocesium in Terrestrial Plants Observed After Nuclear Power Plant Accidents. , 2017, , 125-138.		1
39	Distributions of Inorganic Elements in Brown Rice Determined by ICP-OES and ICP-MS, and Analysis of Their Concentration Changes by Washing. Bunseki Kagaku, 2016, 65, 511-517.	0.2	1
40	The Time-Dependent Transfer Factor of Radiocesium from Soil to Game Animals in Japan after the Fukushima Dai-ichi Nuclear Accident. Environmental Science & Technology, 2016, 50, 9424-9431.	10.0	31
41	Triple-Quadrupole Inductively Coupled Plasma-Mass Spectrometry with a High-Efficiency Sample Introduction System for Ultratrace Determination of ¹³⁵Cs and ¹³⁷Cs in Environmental Samples at Femtogram Levels. Analytical Chemistry, 2016, 88, 8772-8779.	6.5	34
42	Simultaneous determination of radiocesium (135Cs, 137Cs) and plutonium (239Pu, 240Pu) isotopes in river suspended particles by ICP-MS/MS and SF-ICP-MS. Talanta, 2016, 159, 55-63.	5.5	41
43	Method for Ultratrace Level ²⁴¹Am Determination in Large Soil Samples by Sector Field-Inductively Coupled Plasma Mass Spectrometry: With Emphasis on the Removal of Spectral Interferences and Matrix Effect. Analytical Chemistry, 2016, 88, 7387-7394.	6.5	29
44	Consideration on the Long Ecological Half-Life Component of ¹³⁷Cs in Demersal Fish Based on Field Observation Results Obtained after the Fukushima Accident. Environmental Science & Technology, 2016, 50, 1804-1811.	10.0	23
45	Biological measures to minimize the risk of radiotherapy-associated second cancer: A research perspective. International Journal of Radiation Biology, 2016, 92, 289-301.	1.8	13
46	A new approach to evaluate factors controlling elemental sedimentâ€“seawater distribution coefficients (Kd) in coastal regions, Japan. Science of the Total Environment, 2016, 543, 315-325.	8.0	14
47	Radiocesium and Potassium Decreases in Wild Edible Plants by Food Processing. , 2016, , 199-207.		0
48	Bromine and iodine in Japanese soils determined with polarizing energy dispersive X-ray fluorescence spectrometry. Soil Science and Plant Nutrition, 2015, 61, 751-760.	1.9	22
49	Radiological Dose Rates to Marine Fish from the Fukushima Daiichi Accident: The First Three Years Across the North Pacific. Environmental Science & Technology, 2015, 49, 1277-1285.	10.0	77
50	Model estimation of 137Cs concentration change with time in seawater and sediment around the Fukushima Daiichi Nuclear Power Plant site considering fast and slow reactions in the seawater-sediment systems. Journal of Radioanalytical and Nuclear Chemistry, 2015, 304, 867-881.	1.5	11
51	The 14C partitioning of [1,2-14C] sodium acetate in three phases (solid, liquid, and gas) in Japanese agricultural soils. Journal of Radioanalytical and Nuclear Chemistry, 2015, 303, 1389-1392.	1.5	1
52	Effective half-lives of 137Cs in giant butterbur and field horsetail, and the distribution differences of potassium and 137Cs in aboveground tissue parts. Journal of Environmental Radioactivity, 2015, 141, 138-145.	1.7	11
53	Plutonium concentration and isotopic ratio in soil samples from central-eastern Japan collected around the 1970s. Scientific Reports, 2015, 5, 9636.	3.3	31
54	Effect of Ashing Temperature on Accurate Determination of Plutonium in Soil Samples. Analytical Chemistry, 2015, 87, 5511-5515.	6.5	40

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55	Radionuclide biological half-life values for terrestrial and aquatic wildlife. Journal of Environmental Radioactivity, 2015, 150, 270-276.	1.7	24
56	Newly derived transfer factors for Th, Am, Pu, and Cl since publication of IAEA TRS No. 472: a review. Journal of Radioanalytical and Nuclear Chemistry, 2015, 306, 11-20.	1.5	7
57	Effective half-lives of 137Cs from persimmon tree tissue parts in Japan after Fukushima Dai-ichi Nuclear Power Plant accident. Journal of Environmental Radioactivity, 2015, 141, 8-13.	1.7	7
58	Temporal distribution of plutonium isotopes in marine sediments off Fukushima after the Fukushima Dai-ichi Nuclear Power Plant accident. Journal of Radioanalytical and Nuclear Chemistry, 2015, 303, 1151-1154.	1.5	13
59	Environmental Transfer of Carbon-14 in Japanese Paddy Fields. , 2015, , 303-309.		2
60	Ultra-trace plutonium determination in small volume seawater by sector field inductively coupled plasma mass spectrometry with application to Fukushima seawater samples. Journal of Chromatography A, 2014, 1337, 171-178.	3.7	37
61	Isotopic Composition and Distribution of Plutonium in Northern South China Sea Sediments Revealed Continuous Release and Transport of Pu from the Marshall Islands. Environmental Science & Technology, 2014, 48, 3136-3144.	10.0	64
62	Release of Pu Isotopes from the Fukushima Daiichi Nuclear Power Plant Accident to the Marine Environment Was Negligible. Environmental Science & Technology, 2014, 48, 9070-9078.	10.0	46
63	A Method of Measurement of ²³⁹Pu, ²⁴⁰Pu, ²⁴¹Pu in High U Content Marine Sediments by Sector Field ICPâ€“MS and Its Application to Fukushima Sediment Samples. Environmental Science & Technology, 2014, 48, 534-541.	10.0	68
64	¹³⁵Cs/¹³⁷Cs Isotopic Ratio as a New Tracer of Radiocesium Released from the Fukushima Nuclear Accident. Environmental Science & Technology, 2014, 48, 5433-5438.	10.0	105
65	Soil-to-crop transfer factors of tellurium. Chemosphere, 2014, 111, 554-559.	8.2	14
66	Distribution coefficients (Kd) of strontium and significance of oxides and organic matter in controlling its partitioning in coastal regions of Japan. Science of the Total Environment, 2014, 490, 979-986.	8.0	18
67	Determination of ¹³⁵Cs and ¹³⁵Cs/¹³⁷Cs Atomic Ratio in Environmental Samples by Combining Ammonium Molybdophosphate (AMP)-Selective Cs Adsorption and Ion-Exchange Chromatographic Separation to Triple-Quadrupole Inductively Coupled Plasmaâ€“Mass Spectrometry. Analytical Chemistry, 2014, 86, 7103-7110.	6.5	72
68	Concentration Change of Radiocaesium in Persimmon Leaves and Fruits^|^mdash;Observation Resutls in 2011 Spring - 2013 Summer^|^mdash;. Radioisotopes, 2014, 63, 87-92.	0.2	5
69	Comparison of food processing retention factors of 137Cs and 40K in vegetables. Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 1627-1634.	1.5	15
70	Effect of biological activity due to different temperatures on iodide partitioning in solid, liquid, and gas phases in Japanese agricultural soils. Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 1763-1768.	1.5	1
71	Release of Plutonium Isotopes into the Environment from the Fukushima Daiichi Nuclear Power Plant Accident: What Is Known and What Needs to Be Known. Environmental Science & Technology, 2013, 47, 9584-9595.	10.0	144
72	Estimation of Te-132 Distribution in Fukushima Prefecture at the Early Stage of the Fukushima Daiichi Nuclear Power Plant Reactor Failures. Environmental Science & Technology, 2013, 47, 5007-5012.	10.0	31

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73	The key role of atomic spectrometry in radiation protection. Journal of Analytical Atomic Spectrometry, 2013, 28, 1676.	3.0	42
74	Fate of radiocesium in sewage treatment process released by the nuclear accident at Fukushima. Chemosphere, 2013, 93, 689-694.	8.2	18
75	Marine and freshwater concentration ratios (CRwo-water): review of Japanese data. Journal of Environmental Radioactivity, 2013, 126, 420-426.	1.7	19
76	Rapid and sensitive determination of tellurium in soil and plant samples by sector-field inductively coupled plasma mass spectrometry. Talanta, 2013, 116, 181-187.	5.5	22
77	A sensitive and simple analytical method for the determination of stable Cs in estuarine and coastal waters. Analytical Methods, 2013, 5, 2558.	2.7	10
78	Distribution coefficients (K d) of stable iodine in estuarine and coastal regions, Japan, and their relationship to salinity and organic carbon in sediments. Environmental Monitoring and Assessment, 2013, 185, 3645-3658.	2.7	15
79	Ecological Half-Lives of Radiocesium in 16 Species in Marine Biota after the TEPCOâ€™s Fukushima Daiichi Nuclear Power Plant Accident. Environmental Science & Technology, 2013, 47, 7696-7703.	10.0	50
80	Sediment-seawater Distribution Coefficient for Radionuclides and Estimation of Radionuclide Desorption Ratio from Soil in Seawater. Bunseki Kagaku, 2013, 62, 527-533.	0.2	9
81	Deposition in Chiba Prefecture, Japan, of Fukushima Daiichi Nuclear Power Plant Fallout. Health Physics, 2013, 104, 189-194.	0.5	12
82	Vertical distributions of plutonium isotopes in marine sediment cores off the Fukushima coast after the Fukushima Dai-ichi Nuclear Power Plant accident. Biogeosciences, 2013, 10, 2497-2511.	3.3	35
83	Root Uptake of 137Cs from Sedimentation Sludge-Amended Soils by Komatsuna (Brassica rapa var.) Tj ETQq1 1 0.784314 rgBT /Over	0.2	1
84	Root Uptake of Radiocesium by a Mini Cabbage Growing on Various Potting Soils. Japanese Journal of Health Physics, 2013, 48, 150-155.	0.1	2
85	228Ra/226Ra activity ratio in groundwater around Mount Fuji, Japan. EPJ Web of Conferences, 2012, 24, 03003.	0.3	3
86	Isotopic evidence of plutonium release into the environment from the Fukushima DNPP accident. Scientific Reports, 2012, 2, 304.	3.3	250
87	Terrestrial Radioecology in Tropical Systems. Radioactivity in the Environment, 2012, , 155-230.	0.2	9
88	Translocation of radiocesium from stems and leaves of plants and the effect on radiocesium concentrations in newly emerged plant tissues. Journal of Environmental Radioactivity, 2012, 111, 65-69.	1.7	90
89	Influence of dissolved organic matter on particle-water interactions of Co, Cu and Cd under estuarine conditions. Estuarine, Coastal and Shelf Science, 2012, 111, 75-83.	2.1	8
90	Transfer of Radionuclides to the Higher Plants Through Direct Deposition and Root Uptake Pathways. Radioisotopes, 2012, 61, 267-279.	0.2	5

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91	Rapid analysis of U isotopes in vegetables using ICP-MS: application to the emergency U monitoring after the nuclear accident at TEPCOâ€™s Fukushima Dai-ichi power station. Journal of Radioanalytical and Nuclear Chemistry, 2012, 292, 171-175.	1.5	17
92	Extractability of radiocesium from processed green tea leaves with hot water: the first emergent tea leaves harvested after the TEPCOâ€™s Fukushima Daiichi Nuclear Power Plant accident. Journal of Radioanalytical and Nuclear Chemistry, 2012, 292, 243-247.	1.5	25
93	Rapid determination of total iodine in Japanese coastal seawater using SF-ICP-MS. Microchemical Journal, 2012, 100, 42-47.	4.5	37
94	Radiocaesium Food Processing Retention Factors for Rice with Decreasing Yield Rates due to Polishing and Washing, and the Radiocaesium Distribution in Rice Bran. Radioisotopes, 2012, 61, 223-229.	0.2	10
95	Distribution and Food Processing Effect of Radiocaesium in Fertile Shoots of Field Horsetail(Equisetum arvense):Comparison of Direct Deposition and Root Uptake Results after the Fukushima Daiichi Nuclear Power Plant Accident. Radioisotopes, 2012, 61, 511-516.	0.2	3
96	Responses of the bacterial community to chronic gamma radiation in a rice paddy ecosystem. International Journal of Radiation Biology, 2011, 87, 663-672.	1.8	6
97	Soil Solution Ni Concentrations over whichKdis Constant in Japanese Agricultural Soils. Journal of Nuclear Science and Technology, 2011, 48, 337-343.	1.3	1
98	Measurement of the fate of acetic acid form carbon in soil solution of flooded soils using high performance liquid chromatography coupled with isotope ratio mass spectrometry. Geoderma, 2011, 165, 25-30.	5.1	1
99	Determination of 232Th in seawater by ICP-MS after preconcentration and separation using a chelating resin. Talanta, 2011, 85, 1772-1777.	5.5	26
100	Specific activity and activity ratios of radionuclides in soil collected about 20km from the Fukushima Daiichi Nuclear Power Plant: Radionuclide release to the south and southwest. Science of the Total Environment, 2011, 409, 4885-4888.	8.0	97
101	Can we remove iodine-131 from tap water in Japan by boiling? â€“ Experimental testing in response to the Fukushima Daiichi Nuclear Power Plant accident. Chemosphere, 2011, 84, 1282-1284.	8.2	24
102	Determination of naturally occurring uranium concentrations in seawater, sediment, and marine organisms in Japanese estuarine areas. Journal of Radioanalytical and Nuclear Chemistry, 2011, 287, 795-799.	1.5	23
103	Relationships among 137Cs, 133Cs, and K in plant uptake observed in Japanese agricultural fields. Journal of Radioanalytical and Nuclear Chemistry, 2011, 290, 247-252.	1.5	9
104	Iodide sorption and partitioning in solid, liquid and gas phases in soil samples collected from Japanese paddy fields. Radiation Protection Dosimetry, 2011, 146, 155-158.	0.8	2
105	Characteristics of Radionuclide Behavior in the Soil Environment. Atomos, 2011, 53, 623-627.	0.0	1
106	Soil Solution Ni Concentrations over which Kd is Constant in Japanese Agricultural Soils. Journal of Nuclear Science and Technology, 2011, 48, 337-343.	1.3	0
107	Can elemental composition data of crop leaves be used to estimate radionuclide transfer to tree leaves?. Radiation and Environmental Biophysics, 2010, 49, 583-590.	1.4	18
108	Concentration ratios of stable elements for selected biota in Japanese estuarine areas. Radiation and Environmental Biophysics, 2010, 49, 591-601.	1.4	20

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109	Whole-body to tissue concentration ratios for use in biota dose assessments for animals. Radiation and Environmental Biophysics, 2010, 49, 549-565.	1.4	69
110	Processes controlling cobalt distribution in two temperate estuaries, Sagami Bay and Wakasa Bay, Japan. Estuarine, Coastal and Shelf Science, 2010, 89, 294-305.	2.1	20
111	Estimation of Plantâ€Unavailable Iodine Concentrations in Agricultural Fields. Soil Science Society of America Journal, 2010, 74, 1562-1567.	2.2	10
112	Natural radioactivities in iron and nickel ores imported into Japan and the dose assessment for workers handling them. Journal of Radiological Protection, 2010, 30, 613-620.	1.1	3
113	Sediment-Water Distribution Coefficients of Stable Elements in Four Estuarine Areas in Japan. Journal of Nuclear Science and Technology, 2010, 47, 111-122.	1.3	14
114	Sediment-Water Distribution Coefficients of Stable Elements in Four Estuarine Areas in Japan. Journal of Nuclear Science and Technology, 2010, 47, 111-122.	1.3	1
115	A Statistical Approach to Estimating Soil-to-Plant Transfer Factor of Strontium in Agricultural Fields. Transactions of the Atomic Energy Society of Japan, 2009, 8, 313-319.	0.3	1
116	Transfer of Radium-226 from Soil to Rice: A Comparison of Sampling Area Differences. Journal of Nuclear Science and Technology, 2009, 46, 49-54.	1.3	7
117	Uptake of radionuclides and stable elements from paddy soil to rice: a review. Journal of Environmental Radioactivity, 2009, 100, 739-745.	1.7	35
118	Measurement of natural radioactive nuclide concentrations in various metal ores used as industrial raw materials in Japan and estimation of dose received by workers handling them. Journal of Environmental Radioactivity, 2009, 100, 993-997.	1.7	8
119	New best estimates for radionuclide solidâ€“liquid distribution coefficients in soils. Part 3: miscellany of radionuclides (Cd, Co, Ni, Zn, I, Se, Sb, Pu, Am, and others). Journal of Environmental Radioactivity, 2009, 100, 704-715.	1.7	51
120	Estimation of soilâ€“soil solution distribution coefficient of radiostrontium using soil properties. Applied Radiation and Isotopes, 2009, 67, 319-323.	1.5	13
121	Radium-226 transfer factor from soils to crops and its simple estimation method using uranium and barium concentrations. Chemosphere, 2009, 77, 105-114.	8.2	20
122	Transfer of Radium-226 from Soil to Rice: A Comparison of Sampling Area Differences. Journal of Nuclear Science and Technology, 2009, 46, 49-54.	1.3	1
123	Determination of bioavailable rhenium fraction in agricultural soils. Journal of Environmental Radioactivity, 2008, 99, 973-980.	1.7	7
124	Distribution coefficients for 85Sr and 137Cs in Japanese agricultural soils and their correlations with soil properties. Journal of Radioanalytical and Nuclear Chemistry, 2008, 277, 433-439.	1.5	44
125	Sorption behavior of selenium on humic acid under increasing selenium concentration or increasing solid/liquid ratio. Journal of Environmental Radioactivity, 2008, 99, 993-1002.	1.7	32
126	Online stable carbon isotope ratio measurement in formic acid, acetic acid, methanol and ethanol in water by high performance liquid chromatographyâ€“isotope ratio mass spectrometry. Analytica Chimica Acta, 2008, 614, 165-172.	5.4	22

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127	The concentration and distribution of essential elements in brown rice associated with the polishing rate: Use of ICP-AES and Micro-PIXE. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 3625-3632.	1.4	18
128	Estimation of¹³⁷Cs Plant Root Uptake Using Naturally Existing¹³³Cs. Journal of Nuclear Science and Technology, 2008, 45, 146-151.	1.3	22
129	Rhenium Contents in Japanese River Waters Measured by Isotope Dilution ICP-MS and the Relationship of Re with Some Chemical Components. Journal of Nuclear Science and Technology, 2008, 45, 128-132.	1.3	6
130	Uptake and Distribution of Iodine in Rice Plants. Journal of Environmental Quality, 2008, 37, 2243-2247.	2.0	27
131	A Statistical Approach to Estimate Soil-soil Solution Distribution Coefficient of Radiostrontium. Radioisotopes, 2008, 57, 295-303.	0.2	3
132	Soil-to-Plant Transfer Factors of Stable Elements and Naturally Occurring Radionuclides (1) Upland Field Crops Collected in Japan. Journal of Nuclear Science and Technology, 2007, 44, 628-640.	1.3	89
133	Soil-to-Plant Transfer Factors of Stable Elements and Naturally Occurring Radionuclides: (2) Rice Collected in Japan. Journal of Nuclear Science and Technology, 2007, 44, 779-790.	1.3	67
134	Role of soil organic matter in the mobility of radiocesium in agricultural soils common in Japan. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 306, 111-117.	4.7	47
135	Rapid uranium preconcentration and separation method from fresh water samples for total U and 235U/238U isotope ratio measurements by ICP-MS. Analytica Chimica Acta, 2007, 592, 101-105.	5.4	22
136	Determination of rhenium in manganese nodules by inductively coupled plasma mass spectrometry. Journal of Radioanalytical and Nuclear Chemistry, 2007, 273, 147-150.	1.5	11
137	Soil-to-plant transfer factors of fallout 137Cs and native 133Cs in various crops collected in Japan. Journal of Radioanalytical and Nuclear Chemistry, 2007, 273, 205-210.	1.5	44
138	Soil-to-Plant Transfer Factors of Stable Elements and Naturally Occurring Radionuclides. Journal of Nuclear Science and Technology, 2007, 44, 628-640.	1.3	29
139	Soil-to-Plant Transfer Factors of Stable Elements and Naturally Occurring Radionuclides: (2) Rice Collected in Japan. Journal of Nuclear Science and Technology, 2007, 44, 779-790.	1.3	19
140	Effects of Clay Minerals on Radiocesium Sorption Behavior onto Paddy Field Soils. Radioisotopes, 2007, 56, 519-528.	0.2	19
141	Effect of phosphate addition on the sorptionâ€“desorption reaction of selenium in Japanese agricultural soils. Chemosphere, 2006, 63, 109-115.	8.2	36
142	Concentrations of chlorine, bromine and iodine in Japanese rivers. Chemosphere, 2006, 65, 2358-2365.	8.2	32
143	Antimony mobility in Japanese agricultural soils and the factors affecting antimony sorption behavior. Environmental Pollution, 2006, 141, 321-326.	7.5	82
144	Transfer of REEs from nutrient solution to radish through fine roots and their distribution in the plant. Journal of Alloys and Compounds, 2006, 408-412, 409-412.	5.5	17

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145	Removal of rare earth elements by algal flagellate Euglena gracilis. Journal of Alloys and Compounds, 2006, 408-412, 417-420.	5.5	14
146	Determination of chlorine, bromine and iodine in plant samples by inductively coupled plasma-mass spectrometry after leaching with tetramethyl ammonium hydroxide under a mild temperature condition. Analytica Chimica Acta, 2006, 570, 88-92.	5.4	82
147	Vertical distribution of rhenium in seawater samples collected at three locations off the coast of Aomori, Japan. Journal of Radioanalytical and Nuclear Chemistry, 2006, 267, 631-635.	1.5	6
148	Use of a Natural U/Th Concentration Ratio for Estimation of Anthropogenic Uranium Concentration in Japanese Agricultural Soils Due to Application of Phosphatic Fertilizers. Radioisotopes, 2006, 55, 71-78.	0.2	9
149	Soil-to-Plant Transfer Factors of Technetium-99 for Various Plants Collected in the Chernobyl Area. Journal of Nuclear and Radiochemical Sciences, 2005, 6, 261-264.	0.7	10
150	Comparison of alkaline fusion and acid digestion methods for the determination of rhenium in rock and soil samples by ICP-MS. Analytica Chimica Acta, 2005, 535, 317-323.	5.4	24
151	Distribution coefficient of selenium in Japanese agricultural soils. Chemosphere, 2005, 58, 1347-1354.	8.2	70
152	A comparison of concentration ratios for technetium and nutrient uptake by three plant species. Chemosphere, 2005, 60, 714-717.	8.2	16
153	Influence of microorganisms on the behavior of technetium and other elements in paddy soil surface water. Journal of Environmental Radioactivity, 2004, 77, 369-380.	1.7	13
154	Method for the detection of Tc in seaweed samples coupling the use of Re as a chemical tracer and isotope dilution inductively coupled plasma mass spectrometry. Analytica Chimica Acta, 2004, 509, 83-88.	5.4	37
155	Use of TEVA resin for the determination of U isotopes in water samples by Q-ICP-MS. Applied Radiation and Isotopes, 2004, 61, 255-259.	1.5	26
156	Comparison of transfer and distribution of technetium and rhenium in radish plants from nutrient solution. Applied Radiation and Isotopes, 2004, 61, 1203-1210.	1.5	25
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