

Assessment of individual radionuclide distributions from
covering central-east Japan

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Citation Report

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Fukushima maps identify radiation hot spots. Nature, 2011, , . | 13.7 | 1 |
| 2 | Improving the scientific foundations for estimating health risks from the Fukushima incident. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19447-19448. | 3.3 | 44 |
| 3 | Atmospheric Dispersion Modeling. Health Physics, 2012, 102, 493-508. | 0.3 | 34 |
| 4 | Depth profiles of radioactive cesium and iodine released from the Fukushima Daiichi nuclear power plant in different agricultural fields and forests. Geochemical Journal, 2012, 46, 287-295. | 0.5 | 77 |
| 5 | Investigation of cesium adsorption on soil and sediment samples from Fukushima Prefecture by sequential extraction and EXAFS technique. Geochemical Journal, 2012, 46, 297-302. | 0.5 | 125 |
| 6 | Radioactivity concentrations of ¹³¹ I, ¹³⁴ Cs and ¹³⁷ Cs in river water in the Greater Tokyo Metropolitan area after the Fukushima Daiichi Nuclear Power Plant Accident. Geochemical Journal, 2012, 46, 303-309. | 0.5 | 26 |
| 7 | Preface: Migration of radionuclides from the Fukushima Daiichi Nuclear Power Plant accident. Geochemical Journal, 2012, 46, 267-270. | 0.5 | 9 |
| 8 | Isotopic evidence of plutonium release into the environment from the Fukushima DNPP accident. Scientific Reports, 2012, 2, 304. | 1.6 | 250 |
| 9 | Sulfate Aerosol as a Potential Transport Medium of Radiocesium from the Fukushima Nuclear Accident. Environmental Science & Technology, 2012, 46, 5720-5726. | 4.6 | 208 |
| 10 | INDICATION OF CESIUM ADSORPTION INTO ANGSTROM-SCALE OPEN SPACES IN SAPONITE CLAY MINERAL. International Journal of Nanoscience, 2012, 11, 1240034. | 0.4 | 5 |
| 11 | The total amounts of radioactively contaminated materials in forests in Fukushima, Japan. Scientific Reports, 2012, 2, 416. | 1.6 | 188 |
| 12 | The biological impacts of the Fukushima nuclear accident on the pale grass blue butterfly. Scientific Reports, 2012, 2, 570. | 1.6 | 169 |
| 13 | Worldwide health effects of the Fukushima Daiichi nuclear accident. Energy and Environmental Science, 2012, 5, 8743. | 15.6 | 268 |
| 14 | Tracking the Fukushima Radionuclides. Science, 2012, 336, 1115-1116. | 6.0 | 273 |
| 15 | Land-Surface Contamination by Radionuclides from the Fukushima Daiichi Nuclear Power Plant Accident. Elements, 2012, 8, 201-206. | 0.5 | 137 |
| 16 | Spatially controlled carbon sponge for targeting internalized radioactive materials in human body. Biomaterials, 2012, 33, 5056-5066. | 5.7 | 31 |
| 17 | Radiocesium and radioiodine in soil particles agitated by agricultural practices: Field observation after the Fukushima nuclear accident. Science of the Total Environment, 2012, 425, 128-134. | 3.9 | 49 |
| 18 | Measurement of fallout with rain in Hiroshima and several sites in Japan from the Fukushima reactor accident. Journal of Radioanalytical and Nuclear Chemistry, 2013, 297, 469-475. | 0.7 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Local distribution of radioactivity in tree leaves contaminated by fallout of the radionuclides emitted from the Fukushima Daiichi Nuclear Power Plant. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 295, 2007-2014. | 0.7 | 51 |
| 20 | Release of Plutonium Isotopes into the Environment from the Fukushima Daiichi Nuclear Power Plant Accident: What Is Known and What Needs to Be Known. <i>Environmental Science & Technology</i> , 2013, 47, 9584-9595. | 4.6 | 144 |
| 21 | Fukushima Radioactivity Impact. , 2013, , 131-275. | | 14 |
| 22 | Estimation of Te-132 Distribution in Fukushima Prefecture at the Early Stage of the Fukushima Daiichi Nuclear Power Plant Reactor Failures. <i>Environmental Science & Technology</i> , 2013, 47, 5007-5012. | 4.6 | 31 |
| 23 | Fluvial discharges of radiocaesium from watersheds contaminated by the Fukushima Dai-ichi Nuclear Power Plant accident, Japan. <i>Journal of Environmental Radioactivity</i> , 2013, 118, 96-104. | 0.9 | 170 |
| 24 | Atmospheric dispersion and ground deposition induced by the Fukushima Nuclear Power Plant accident: A local-scale simulation and sensitivity study. <i>Atmospheric Environment</i> , 2013, 70, 267-279. | 1.9 | 96 |
| 25 | Assessment of Internal Exposure Doses in Fukushima by a Whole Body Counter Within One Month after the Nuclear Power Plant Accident. <i>Radiation Research</i> , 2013, 179, 663-668. | 0.7 | 77 |
| 26 | An overview of Fukushima radionuclides measured in the northern hemisphere. <i>Science of the Total Environment</i> , 2013, 458-460, 577-613. | 3.9 | 93 |
| 27 | Differences in effects of radiation on abundance of animals in Fukushima and Chernobyl. <i>Ecological Indicators</i> , 2013, 24, 75-81. | 2.6 | 96 |
| 28 | DFT study of caesium ion complexation by cucurbit[n]urils (n = 5-7). <i>Dalton Transactions</i> , 2013, 42, 6083-6091. | 1.6 | 18 |
| 29 | Radiation Survivors: Understanding and Exploiting the Phenotype following Fractionated Radiation Therapy. <i>Molecular Cancer Research</i> , 2013, 11, 5-12. | 1.5 | 29 |
| 30 | Tracking the early dispersion of contaminated sediment along rivers draining the Fukushima radioactive pollution plume. <i>Anthropocene</i> , 2013, 1, 23-34. | 1.6 | 90 |
| 31 | Initial activities of a radiation emergency medical assistance team to Fukushima from Nagasaki. <i>Radiation Measurements</i> , 2013, 55, 22-25. | 0.7 | 2 |
| 32 | Molecular Mechanism of Heavily Adhesive Cs: Why Radioactive Cs is not Decontaminated from Soil. <i>Journal of Physical Chemistry C</i> , 2013, 117, 14075-14080. | 1.5 | 56 |
| 33 | Heterogeneous distribution of radiocesium in aerosols, soil and particulate matters emitted by the Fukushima Daiichi Nuclear Power Plant accident: retention of micro-scale heterogeneity during the migration of radiocesium from the air into ground and river systems. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 295, 1927-1937. | 0.7 | 65 |
| 34 | Anthropogenic Radionuclides in Japanese Food: Environmental and Legal Implications. <i>Environmental Science & Technology</i> , 2013, 47, 1248-1256. | 4.6 | 86 |
| 35 | Prevented Mortality and Greenhouse Gas Emissions from Historical and Projected Nuclear Power. <i>Environmental Science & Technology</i> , 2013, 47, 4889-4895. | 4.6 | 212 |
| 36 | Global Transport and Deposition of ¹³⁷ Cs Following the Fukushima Nuclear Power Plant Accident in Japan: Emphasis on Europe and Asia Using High-Resolution Model Versions and Radiological Impact Assessment of the Human Population and the Environment Using Interactive Tools. <i>Environmental Science & Technology</i> , 2013, 47, 5803-5812. | 4.6 | 37 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Polymer-organic supramolecular nanohybrids for red, white, green, and blue applications. <i>Progress in Polymer Science</i> , 2013, 38, 1442-1486. | 11.8 | 105 |
| 38 | Determination of ultratrace ¹²⁹ I in soil samples by Triple Quadrupole ICP-MS and its application to Fukushima soil samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2013, 28, 1283. | 1.6 | 64 |
| 39 | Accident like the Fukushima unlikely in a country with effective nuclear regulation: Literature review and proposed guidelines. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 17, 126-146. | 8.2 | 56 |
| 40 | Spatiotemporal Characteristics of Internal Radiation Exposure In Evacuees and First Responders after the Radiological Accident in Fukushima. <i>Radiation Research</i> , 2013, 180, 299-306. | 0.7 | 20 |
| 41 | Air-Sea Transport, Dispersion, and Fate Modeling in the Vicinity of the Fukushima Nuclear Power Plant: A Special Conference Session Summary. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, 31-39. | 1.7 | 11 |
| 42 | Activity concentrations of radionuclides in lichens following the Fukushima nuclear accident. <i>Lichenologist</i> , 2013, 45, 685-689. | 0.5 | 11 |
| 43 | Effects of radioactive caesium on bull testes after the Fukushima nuclear plant accident. <i>Scientific Reports</i> , 2013, 3, 2850. | 1.6 | 65 |
| 44 | Low background high efficiency radiocesium detection system based on positron emission tomography technology. <i>Review of Scientific Instruments</i> , 2013, 84, 093507. | 0.6 | 1 |
| 45 | Adsorption behavior of radioactive cesium by non-mica minerals. <i>Journal of Nuclear Science and Technology</i> , 2013, 50, 369-375. | 0.7 | 64 |
| 46 | Plutonium release from Fukushima Daiichi fosters the need for more detailed investigations. <i>Scientific Reports</i> , 2013, 3, 2988. | 1.6 | 64 |
| 47 | Emission of spherical cesium-bearing particles from an early stage of the Fukushima nuclear accident. <i>Scientific Reports</i> , 2013, 3, 2554. | 1.6 | 280 |
| 48 | Determination of ¹²⁹ I in Fukushima Soil Samples by ICP-MS with an Octopole Reaction System. <i>Analytical Sciences</i> , 2013, 29, 271-274. | 0.8 | 24 |
| 49 | Worldwide isotope ratios of the Fukushima release and early-phase external dose reconstruction. <i>Scientific Reports</i> , 2013, 3, 2520. | 1.6 | 19 |
| 50 | Deposition in Chiba Prefecture, Japan, of Fukushima Daiichi Nuclear Power Plant Fallout. <i>Health Physics</i> , 2013, 104, 189-194. | 0.3 | 12 |
| 51 | Enhanced Analysis Methods to Derive the Spatial Distribution of ¹³¹ I Deposition on the Ground by Airborne Surveys at an Early Stage after the Fukushima Daiichi Nuclear Power Plant Accident. <i>Health Physics</i> , 2013, 105, 192-200. | 0.3 | 58 |
| 52 | Predicted spatio-temporal dynamics of radiocesium deposited onto forests following the Fukushima nuclear accident. <i>Scientific Reports</i> , 2013, 3, 2564. | 1.6 | 95 |
| 53 | The Great East-Japan Earthquake and Devastating Tsunami: An Update and Lessons from the Past Great Earthquakes in Japan since 1923. <i>Tohoku Journal of Experimental Medicine</i> , 2013, 229, 287-299. | 0.5 | 112 |
| 54 | One-year, regional-scale simulation of ¹³⁷ Cs radioactivity in the ocean following the Fukushima Dai-ichi Nuclear Power Plant accident. <i>Biogeosciences</i> , 2013, 10, 5601-5617. | 1.3 | 113 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Distribution of Artificial Radionuclides in Abandoned Cattle in the Evacuation Zone of the Fukushima Daiichi Nuclear Power Plant. <i>PLoS ONE</i> , 2013, 8, e54312. | 1.1 | 76 |
| 56 | Hormesis: Biphasic Dose-Responses to Fungicides in Plant Pathogens and Their Potential Threat to Agriculture. , 0, , . | | 7 |
| 57 | The Fukushima Daiichi Nuclear Power Plant Disaster: A Report on Volunteer Activity for Radioactivity Screening of Temporary Returnees to the Evacuation Zone. <i>Genes and Environment</i> , 2013, 35, 73-79. | 0.9 | 2 |
| 58 | Radiocesium Distribution in Bamboo Shoots after the Fukushima Nuclear Accident. <i>PLoS ONE</i> , 2014, 9, e97659. | 1.1 | 12 |
| 59 | Estimated Dietary Intake of Radionuclides and Health Risks for the Citizens of Fukushima City, Tokyo, and Osaka after the 2011 Nuclear Accident. <i>PLoS ONE</i> , 2014, 9, e112791. | 1.1 | 30 |
| 60 | The Thyroid Status of Children and Adolescents in Fukushima Prefecture Examined during 20â€“30 Months after the Fukushima Nuclear Power Plant Disaster: A Cross-Sectional, Observational Study. <i>PLoS ONE</i> , 2014, 9, e113804. | 1.1 | 14 |
| 61 | Cryopreservation of Cattle, Pig, Inobuta Sperm and Oocyte after the Fukushima Nuclear Plant Accident. , 0, , . | | 4 |
| 62 | Unprecedented wind erosion and perturbation of surface geochemistry marks the Anthropocene in Australia. <i>Journal of Geophysical Research F: Earth Surface</i> , 2014, 119, 45-61. | 1.0 | 32 |
| 63 | Comprehensive data on ionising radiation from Fukushima Daiichi nuclear power plant in the town of Miharu, Fukushima prefecture: The Misho Project. <i>Journal of Radiological Protection</i> , 2014, 34, 675-698. | 0.6 | 6 |
| 64 | Present Status of the Tsukuba Magnet Laboratory. <i>Journal of Low Temperature Physics</i> , 2014, 177, 80-89. | 0.6 | 2 |
| 65 | Data Mining for Geoinformatics. , 2014, , . | | 1 |
| 66 | Environmental mobility of ^{110m} Ag: lessons learnt from Fukushima accident (Japan) and potential use for tracking the dispersion of contamination within coastal catchments. <i>Journal of Environmental Radioactivity</i> , 2014, 130, 44-55. | 0.9 | 34 |
| 67 | Comparison of the Chernobyl and Fukushima nuclear accidents: A review of the environmental impacts. <i>Science of the Total Environment</i> , 2014, 470-471, 800-817. | 3.9 | 664 |
| 68 | Radioactive contamination of fishes in lake and streams impacted by the Fukushima nuclear power plant accident. <i>Science of the Total Environment</i> , 2014, 482-483, 184-192. | 3.9 | 28 |
| 69 | Determination of radioactive cesium isotope ratios by triple quadrupole ICP-MS and its application to rainwater following the Fukushima Daiichi Nuclear Power Plant accident. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 347. | 1.6 | 73 |
| 70 | Cesium-137: Radio-Chemistry, Fate, and Transport, Remediation, and Future Concerns. <i>Critical Reviews in Environmental Science and Technology</i> , 2014, 44, 1740-1793. | 6.6 | 63 |
| 71 | Radioactive contamination of aquatic insects in a stream impacted by the Fukushima nuclear power plant accident. <i>Hydrobiologia</i> , 2014, 722, 19-30. | 1.0 | 35 |
| 72 | Radiocesium accumulation in <i>Egeria densa</i> , a submerged plant â€“ possible mechanism of cesium absorption. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 868. | 1.6 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 74 | Relationship between particle size and radiocesium in fluvial suspended sediment related to the Fukushima Daiichi Nuclear Power Plant accident. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 301, 607-613. | 0.7 | 25 |
| 75 | Remediation of plants contaminated with cesium by aqueous cleaning. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2014, 318, 102-104. | 0.6 | 0 |
| 76 | Rapid detection of DNA by magnetophoretic assay. <i>Sensors and Actuators B: Chemical</i> , 2014, 198, 77-81. | 4.0 | 26 |
| 77 | How "lucky" we are that the Fukushima disaster occurred in early spring. <i>Science of the Total Environment</i> , 2014, 500-501, 155-172. | 3.9 | 11 |
| 78 | Uptake of Cesium and Strontium Ions by Artificially Altered Phlogopite. <i>Environmental Science & Technology</i> , 2014, 48, 5808-5815. | 4.6 | 59 |
| 79 | Cesium accumulation of <i>Rhodococcus erythropolis</i> CS98 strain immobilized in hydrogel matrices. <i>Journal of Bioscience and Bioengineering</i> , 2014, 117, 497-500. | 1.1 | 13 |
| 80 | A compact and high efficiency GAGG well counter for radiocesium concentration measurements. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 753, 19-23. | 0.7 | 10 |
| 81 | An EXAFS study on the effects of natural organic matter and the expandability of clay minerals on cesium adsorption and mobility. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 135, 49-65. | 1.6 | 160 |
| 82 | ¹³⁵ Cs/ ¹³⁷ Cs Isotopic Ratio as a New Tracer of Radiocesium Released from the Fukushima Nuclear Accident. <i>Environmental Science & Technology</i> , 2014, 48, 5433-5438. | 4.6 | 105 |
| 84 | Determination of ¹³⁵ Cs and ¹³⁵ Cs/ ¹³⁷ Cs Atomic Ratio in Environmental Samples by Combining Ammonium Molybdophosphate (AMP)-Selective Cs Adsorption and Ion-Exchange Chromatographic Separation to Triple-Quadrupole Inductively Coupled Plasma-Mass Spectrometry. <i>Analytical Chemistry</i> , 2014, 86, 7103-7110. | 3.2 | 72 |
| 85 | Advances in Isotope Ratio Analysis by ICP-MS and Its Application to Environmental Geochemistry. <i>Journal of the Mass Spectrometry Society of Japan</i> , 2014, 62, 103-113. | 0.0 | 0 |
| 86 | Fukushima's Biological Impacts: The Case of the Pale Grass Blue Butterfly. <i>Journal of Heredity</i> , 2014, 105, 710-722. | 1.0 | 40 |
| 87 | Estimation of radioactive ¹³⁷ -cesium transportation by litterfall, stemflow and throughfall in the forests of Fukushima. <i>Journal of Environmental Radioactivity</i> , 2015, 149, 176-185. | 0.9 | 61 |
| 88 | Comparison of <i>Rhodococcus erythropolis</i> CS98 Strain Immobilized in Agarose Gel and PVA Gels for Accumulation of Radioactive Cs-137. <i>Journal of Chemical Engineering of Japan</i> , 2015, 48, 782-786. | 0.3 | 2 |
| 89 | Abundance and genetic damage of barn swallows from Fukushima. <i>Scientific Reports</i> , 2015, 5, 9432. | 1.6 | 51 |
| 90 | Technological developments for strontium-90 determination using AMS. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 361, 233-236. | 0.6 | 12 |
| 91 | Atmospheric radioactivity over Tsukuba, Japan: a summary of three years of observations after the FDNPP accident. <i>Progress in Earth and Planetary Science</i> , 2015, 2, . | 1.1 | 51 |
| 92 | Radioactive contamination and effects on birds after the Fukushima Nuclear Accident II. <i>Japanese Journal of Ornithology</i> , 2015, 64, 145-146. | 0.0 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 93 | Cesium concentration of nest materials of various tit species in an irradiated environment after the Fukushima Nuclear accident. Japanese Journal of Ornithology, 2015, 64, 169-174. | 0.0 | 2 |
| 94 | Temporal Variation and Source Analysis of Radiocesium in an Urban River after the 2011 Nuclear Accident in Fukushima, Japan. Journal of Water and Environment Technology, 2015, 13, 179-194. | 0.3 | 15 |
| 95 | Cesium radioactivity in peripheral blood is linearly correlated to that in skeletal muscle: Analyses of cattle within the evacuation zone of the Fukushima Daiichi Nuclear Power Plant. Animal Science Journal, 2015, 86, 120-124. | 0.6 | 15 |
| 96 | Radioactive Cs in the Severely Contaminated Soils Near the Fukushima Daiichi Nuclear Power Plant. Frontiers in Energy Research, 2015, 3, . | 1.2 | 38 |
| 97 | The forest bird fauna of Fukushima City 2003-2013 and its ecological traits. Japanese Journal of Ornithology, 2015, 64, 147-160. | 0.0 | 0 |
| 98 | Chernobyl seed project. Advances in the identification of differentially abundant proteins in a radio-contaminated environment. Frontiers in Plant Science, 2015, 6, 493. | 1.7 | 14 |
| 99 | Electron probe X-ray microanalysis of boar and inobuta testes after the Fukushima accident. Journal of Radiation Research, 2015, 56, i42-i47. | 0.8 | 20 |
| 100 | Real-time quadruped robot control system based on Xenomai. , 2015, , . | | 0 |
| 101 | Analysis of Japanese Radionuclide Monitoring Data of Food Before and After the Fukushima Nuclear Accident. Environmental Science & Technology, 2015, 49, 2875-2885. | 4.6 | 101 |
| 102 | Radioactive contamination mapping of northeastern and eastern Japan by a car-borne survey system, Radi-Probe. Journal of Environmental Radioactivity, 2015, 139, 281-293. | 0.9 | 22 |
| 103 | Enrichment and Encapsulation of Uranium with Iron Nanoparticle. Journal of the American Chemical Society, 2015, 137, 2788-2791. | 6.6 | 177 |
| 104 | Effect of the concentration of radiocesium dissolved in irrigation water on the concentration of radiocesium in brown rice. Soil Science and Plant Nutrition, 2015, 61, 191-199. | 0.8 | 25 |
| 105 | Image analysis of radiocesium distribution in coniferous trees two years after the Fukushima Daiichi Nuclear Power Plant accident. Journal of Radioanalytical and Nuclear Chemistry, 2015, 303, 1601-1605. | 0.7 | 3 |
| 106 | Development of a three-layer phoswich alpha-beta-gamma imaging detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 785, 129-134. | 0.7 | 17 |
| 107 | Nuclear accident-derived 3H in river water of Fukushima Prefecture during 2011-2014. Journal of Environmental Radioactivity, 2015, 146, 102-109. | 0.9 | 26 |
| 108 | Global deposition and transport efficiencies of radioactive species with respect to modelling credibility after Fukushima (Japan, 2011). Journal of Environmental Radioactivity, 2015, 149, 164-175. | 0.9 | 10 |
| 109 | Ultra-high resolution of radiocesium distribution detection based on Cherenkov light imaging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 777, 102-109. | 0.7 | 3 |
| 110 | Depth distribution of cesium-137 in paddy fields across the Fukushima pollution plume in 2013. Journal of Environmental Radioactivity, 2015, 147, 157-164. | 0.9 | 36 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 111 | Caesium incorporation and retention in illite interlayers. <i>Applied Clay Science</i> , 2015, 108, 128-134. | 2.6 | 155 |
| 112 | Daily variation of I-131, Cs-134 and Cs-137 activity concentrations in the atmosphere in Osaka during the early phase after the FDNPP accident. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 303, 1527-1531. | 0.7 | 4 |
| 113 | Immediate effects of the Fukushima nuclear power plant disaster on depressive symptoms among mothers with infants: a prefectural-wide cross-sectional study from the Fukushima Health Management Survey. <i>BMC Psychiatry</i> , 2015, 15, 59. | 1.1 | 53 |
| 114 | NOAA's HYSPLIT Atmospheric Transport and Dispersion Modeling System. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 2059-2077. | 1.7 | 3,982 |
| 115 | Assessment of radiocesium contamination in frogs 18 months after the Fukushima Daiichi nuclear disaster. <i>Scientific Reports</i> , 2015, 5, 9712. | 1.6 | 27 |
| 116 | Inspections of radiocesium concentration levels in rice from Fukushima Prefecture after the Fukushima Dai-ichi Nuclear Power Plant accident. <i>Scientific Reports</i> , 2015, 5, 8653. | 1.6 | 48 |
| 117 | An overview of current knowledge concerning the health and environmental consequences of the Fukushima Daiichi Nuclear Power Plant (FDNPP) accident. <i>Environment International</i> , 2015, 85, 213-228. | 4.8 | 50 |
| 118 | Cement As a Waste Form for Nuclear Fission Products: The Case of ⁹⁰ Sr and Its Daughters. <i>Environmental Science & Technology</i> , 2015, 49, 13676-13683. | 4.6 | 19 |
| 119 | Post-Accident Sporadic Releases of Airborne Radionuclides from the Fukushima Daiichi Nuclear Power Plant Site. <i>Environmental Science & Technology</i> , 2015, 49, 14028-14035. | 4.6 | 61 |
| 120 | Radioactive contamination of nest materials of the Eurasian Tree Sparrow <i>Passer montanus</i> due to the Fukushima nuclear accident: The significance in the first year. <i>Environmental Pollution</i> , 2015, 206, 159-162. | 3.7 | 5 |
| 121 | Nuclear Reactor Accident Fallout Artifacts: Unusual Black Spots on Digital Radiographs. <i>American Journal of Roentgenology</i> , 2015, 205, 1240-1243. | 1.0 | 4 |
| 122 | Exposure of a herbivorous fish to ¹³⁴ Cs and ¹³⁷ Cs from the riverbed following the Fukushima disaster. <i>Journal of Environmental Radioactivity</i> , 2015, 141, 32-37. | 0.9 | 23 |
| 123 | Vertical distribution and formation analysis of the ¹³¹ I, ¹³⁷ Cs, ^{129m} Te, and ^{110m} Ag from the Fukushima Dai-ichi Nuclear Power Plant in the beach soil. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 303, 1197-1200. | 0.7 | 8 |
| 124 | World Meteorological Organization's model simulations of the radionuclide dispersion and deposition from the Fukushima Daiichi nuclear power plant accident. <i>Journal of Environmental Radioactivity</i> , 2015, 139, 172-184. | 0.9 | 104 |
| 125 | Influence of the meteorological input on the atmospheric transport modelling with FLEXPART of radionuclides from the Fukushima Daiichi nuclear accident. <i>Journal of Environmental Radioactivity</i> , 2015, 139, 212-225. | 0.9 | 43 |
| 126 | Physical properties, structure, and shape of radioactive Cs from the Fukushima Daiichi Nuclear Power Plant accident derived from soil, bamboo and shiitake mushroom measurements. <i>Journal of Environmental Radioactivity</i> , 2015, 139, 234-239. | 0.9 | 44 |
| 127 | Sensitivity of the modelled deposition of Caesium-137 from the Fukushima Dai-ichi nuclear power plant to the wet deposition parameterisation in NAME. <i>Journal of Environmental Radioactivity</i> , 2015, 139, 200-211. | 0.9 | 46 |
| 128 | Predicting and Controlling Nuclear Accident Hazards: Issues and Challenges. <i>Aerosol and Air Quality Research</i> , 2016, 16, 417-429. | 0.9 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 129 | Analysis of Plasma Protein Concentrations and Enzyme Activities in Cattle within the Ex-Evacuation Zone of the Fukushima Daiichi Nuclear Plant Accident. <i>PLoS ONE</i> , 2016, 11, e0155069. | 1.1 | 27 |
| 130 | Observation of radiocesium in seabed soil at the Notsuke Strait of the southern Okhotsk Sea derived from the Fukushima Daiichi Nuclear Power Plant. <i>Radiation Safety Management</i> , 2016, 15, 9-14. | 0.4 | 2 |
| 131 | High-resolution radiation mapping to investigate FDNPP derived contaminant migration. <i>Journal of Environmental Radioactivity</i> , 2016, 164, 26-35. | 0.9 | 11 |
| 132 | Perception of Radiation Risk by Japanese Radiation Specialists Evaluated as a Safe Dose Before the Fukushima Nuclear Accident. <i>Health Physics</i> , 2016, 110, 558-562. | 0.3 | 4 |
| 133 | Airborne radiation mapping: overview and application of current and future aerial systems. <i>International Journal of Remote Sensing</i> , 2016, 37, 5953-5987. | 1.3 | 83 |
| 134 | ¹³⁵ Cs activity and ¹³⁵ Cs/ ¹³⁷ Cs atom ratio in environmental samples before and after the Fukushima Daiichi Nuclear Power Plant accident. <i>Scientific Reports</i> , 2016, 6, 24119. | 1.6 | 25 |
| 135 | Occurrence and partition ratios of radiocesium in an urban river during dry and wet weather after the 2011 nuclear accident in Fukushima. <i>Water Research</i> , 2016, 92, 87-93. | 5.3 | 11 |
| 136 | Fukushima Daiichi Nuclear Plant accident: Atmospheric and oceanic impacts over the five years. <i>Journal of Environmental Radioactivity</i> , 2016, 157, 113-130. | 0.9 | 72 |
| 137 | Offshore wind farm site selection study around Jeju Island, South Korea. <i>Renewable Energy</i> , 2016, 94, 619-628. | 4.3 | 71 |
| 138 | Impact on ambient dose rate in metropolitan Tokyo from the Fukushima Daiichi Nuclear Power Plant accident. <i>Journal of Environmental Radioactivity</i> , 2016, 158-159, 1-8. | 0.9 | 14 |
| 139 | Adsorption of cesium on different types of activated carbon. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 310, 301-310. | 0.7 | 20 |
| 140 | First successful isolation of radioactive particles from soil near the Fukushima Daiichi Nuclear Power Plant. <i>Anthropocene</i> , 2016, 14, 71-76. | 1.6 | 82 |
| 141 | Analysis of the accumulation and redistribution patterns of cesium in <i>Vicia faba</i> grown on contaminated soils. <i>Journal of Environmental Radioactivity</i> , 2016, 164, 202-208. | 0.9 | 4 |
| 142 | Observation of radioactive iodine (¹³¹ I, ¹²⁹ I) in cropland soil after the Fukushima nuclear accident. <i>Science of the Total Environment</i> , 2016, 566-567, 1432-1439. | 3.9 | 29 |
| 143 | Fallout volume and litter type affect ¹³⁷ Cs concentration difference in litter between forest and stream environments. <i>Journal of Environmental Radioactivity</i> , 2016, 164, 169-173. | 0.9 | 18 |
| 144 | Ring size dependent crown ether based mesoporous adsorbent for high cesium adsorption from wastewater. <i>Chemical Engineering Journal</i> , 2016, 303, 539-546. | 6.6 | 331 |
| 145 | Quantifying the dilution of the radiocesium contamination in Fukushima coastal river sediment (2011-2015). <i>Scientific Reports</i> , 2016, 6, 34828. | 1.6 | 24 |
| 146 | Cesium and strontium tolerant <i>Arthrobacter</i> sp. strain KMSZP6 isolated from a pristine uranium ore deposit. <i>AMB Express</i> , 2016, 6, 69. | 1.4 | 17 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 147 | Effect of the application of polluted wheat (<i>Triticum aestivum</i> L. Thell.) straw during plowing on the transfer of radiocesium from the soil to komatsuna (<i>Brassica rapa</i> L. var. <i>perviridis</i>). <i>Soil Science and Plant Nutrition</i> , 2016, 62, 117-120. | 0.8 | 2 |
| 148 | Apparatus development for measurement of ¹³⁴ Cs and ¹³⁷ Cs radioactivity of soil contaminated by the Fukushima Daiichi Nuclear Power Plant accident. <i>Applied Radiation and Isotopes</i> , 2016, 115, 4-7. | 0.7 | 3 |
| 149 | 3D unmanned aerial vehicle radiation mapping for assessing contaminant distribution and mobility. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016, 52, 12-19. | 1.4 | 66 |
| 150 | Investigating the source of radiocesium contaminated sediment in two Fukushima coastal catchments with sediment tracing techniques. <i>Anthropocene</i> , 2016, 13, 57-68. | 1.6 | 26 |
| 151 | Inferring the chemical form of ¹³⁷ Cs deposited by the Fukushima Dai-ichi Nuclear Power Plant accident by measuring ¹³⁷ Cs incorporated into needle leaves and male cones of Japanese cedar trees. <i>Science of the Total Environment</i> , 2016, 553, 643-649. | 3.9 | 4 |
| 152 | $K_{2x}Sn_{4x}S_{8x}$ ($x = 0.65 \pm 1$): a new metal sulfide for rapid and selective removal of ^{Cs} , ^{Sr} and ^{UO} ₂ ions. <i>Chemical Science</i> , 2016, 7, 1121-1132. | 3.7 | 188 |
| 153 | Software development for estimating the concentration of radioactive cesium in the skeletal muscles of cattle from blood samples. <i>Animal Science Journal</i> , 2016, 87, 842-847. | 0.6 | 10 |
| 154 | Are Organisms Adapting to Ionizing Radiation at Chernobyl?. <i>Trends in Ecology and Evolution</i> , 2016, 31, 281-289. | 4.2 | 77 |
| 155 | Different cesium-137 transfers to forest and stream ecosystems. <i>Environmental Pollution</i> , 2016, 209, 46-52. | 3.7 | 30 |
| 156 | Encapsulation of cesium from contaminated water with highly selective facial organic-inorganic mesoporous hybrid adsorbent. <i>Chemical Engineering Journal</i> , 2016, 291, 128-137. | 6.6 | 234 |
| 157 | Radioactive cesium removal from ash-washing solution with high pH and high K ⁺ -concentration using potassium zinc hexacyanoferrate. <i>Chemical Engineering Research and Design</i> , 2016, 109, 513-518. | 2.7 | 26 |
| 158 | Pre- and post-accident ¹²⁹ I and ¹³⁷ Cs levels, and ¹²⁹ I/ ¹³⁷ Cs ratios in soil near the Fukushima Dai-ichi Nuclear Power Plant, Japan. <i>Journal of Environmental Radioactivity</i> , 2016, 151, 209-217. | 0.9 | 23 |
| 159 | Prussian blue-functionalized magnetic nanoclusters for the removal of radioactive cesium from water. <i>Journal of Alloys and Compounds</i> , 2016, 657, 387-393. | 2.8 | 95 |
| 160 | Environmental Remediation Technologies for Metal-Contaminated Soils. , 2016, , . | | 21 |
| 161 | Radionuclides Released from Nuclear Accidents: Distribution and Dynamics in Soil. , 2016, , 43-65. | | 2 |
| 162 | Use of a size-resolved 1-D resuspension scheme to evaluate resuspended radioactive material associated with mineral dust particles from the ground surface. <i>Journal of Environmental Radioactivity</i> , 2017, 166, 436-448. | 0.9 | 18 |
| 164 | Development of a Cherenkov light imaging system for studying the dynamics of radiocesium in plants. <i>Journal of Nuclear Science and Technology</i> , 2017, 54, 662-667. | 0.7 | 8 |
| 165 | Metallomics. , 2017, , . | | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 166 | The Causal Relationship between DNA Damage Induction in Bovine Lymphocytes and the Fukushima Nuclear Power Plant Accident. <i>Radiation Research</i> , 2017, 187, 630-636. | 0.7 | 28 |
| 167 | Translocation of ¹³³ Cs administered to <i>Cryptomeria japonica</i> wood. <i>Science of the Total Environment</i> , 2017, 584-585, 88-95. | 3.9 | 17 |
| 168 | Sorption of selected radionuclides on different MnO ₂ phases. <i>Environmental Chemistry</i> , 2017, 14, 207. | 0.7 | 6 |
| 169 | Development of a low-energy high resolution X-ray camera for high-energy gamma photon background environments. <i>Journal of Nuclear Science and Technology</i> , 2017, 54, 933-939. | 0.7 | 1 |
| 170 | Role of CaCl ₂ and MgCl ₂ addition in the vaporization of water-insoluble cesium from incineration ash during thermal treatment. <i>Chemical Engineering Journal</i> , 2017, 323, 114-123. | 6.6 | 19 |
| 171 | Production of H ₂ by water radiolysis in cement paste under electron irradiation: A joint experimental and theoretical study. <i>Cement and Concrete Research</i> , 2017, 100, 110-118. | 4.6 | 13 |
| 172 | Review of current nuclear fallout codes. <i>Journal of Environmental Radioactivity</i> , 2017, 171, 246-252. | 0.9 | 12 |
| 173 | Serum microRNAs as Early Indicators for Estimation of Exposure Degree in Response to Ionizing Irradiation. <i>Radiation Research</i> , 2017, 188, 342. | 0.7 | 20 |
| 174 | Isolation and characterization of rice cesium transporter genes from a rice Cs^+ -transporter α -enriched yeast expression library. <i>Physiologia Plantarum</i> , 2017, 160, 425-436. | 2.6 | 19 |
| 175 | Radionuclide pollution inside the Fukushima Daiichi exclusion zone, part 1: Depth profiles of radiocesium and strontium-90 in soil. <i>Applied Geochemistry</i> , 2017, 85, 201-208. | 1.4 | 33 |
| 176 | Mechanochemical processing K ₂ CO ₃ /Cs ₂ CO ₃ -cellulose and kaolinite for the formation of water-insoluble Cs-compound. <i>Chemical Engineering Research and Design</i> , 2017, 107, 480-485. | 2.7 | 7 |
| 177 | Biology and toxicology of tellurium explored by speciation analysis. <i>Metallomics</i> , 2017, 9, 435-441. | 1.0 | 19 |
| 178 | Catalytic topological insulator Bi ₂ Se ₃ nanoparticles for in vivo protection against ionizing radiation. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1597-1605. | 1.7 | 42 |
| 179 | Analysis of the Effect of Chronic and Low-Dose Radiation Exposure on Spermatogenic Cells of Male Large Japanese Field Mice (<i>Apodemus speciosus</i>) after the Fukushima Daiichi Nuclear Power Plant Accident. <i>Radiation Research</i> , 2017, 187, 161. | 0.7 | 36 |
| 180 | Highly efficient removal of radioactive cesium by sodium-copper hexacyanoferrate-modified magnetic nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 516, 375-382. | 2.3 | 44 |
| 181 | Facile fabrication of paper-based analytical devices for rapid and highly selective colorimetric detection of cesium in environmental samples. <i>RSC Advances</i> , 2017, 7, 48374-48385. | 1.7 | 16 |
| 182 | Transmutation effects on long-term Cs retention in phyllosilicate minerals from first principles. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 27007-27014. | 1.3 | 4 |
| 183 | Morphological abnormality rate of the pale grass blue butterfly <i>Zizeeria maha</i> (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Asia-Pacific Entomology, 2017, 20, 1333-1339. | 0.4 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 184 | Source analysis of radiocesium in river waters using road dust tracers. <i>Chemosphere</i> , 2017, 187, 212-220. | 4.2 | 4 |
| 185 | Isotopic signature and nano-texture of cesium-rich micro-particles: Release of uranium and fission products from the Fukushima Daiichi Nuclear Power Plant. <i>Scientific Reports</i> , 2017, 7, 5409. | 1.6 | 68 |
| 186 | Sodium-copper hexacyanoferrate-functionalized magnetic nanoclusters for the highly efficient magnetic removal of radioactive caesium from seawater. <i>Water Research</i> , 2017, 125, 81-90. | 5.3 | 55 |
| 187 | Local variance of atmospheric ¹⁴ 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. | 0.7 | 9 |
| 188 | Cesium Removal from Human Blood by Poly(ethylene glycol)-Decorated Prussian Blue Magnetic Nanoparticles. <i>ChemPlusChem</i> , 2017, 82, 888-895. | 1.3 | 17 |
| 189 | Cesium Uptake by Rice Roots Largely Depends Upon a Single Gene, HAK1, Which Encodes a Potassium Transporter. <i>Plant and Cell Physiology</i> , 2017, 58, 1486-1493. | 1.5 | 36 |
| 190 | Geographical distribution of morphological abnormalities and wing color pattern modifications of the pale grass blue butterfly in northeastern Japan. <i>Entomological Science</i> , 2017, 20, 100-110. | 0.3 | 14 |
| 191 | Vaporization Behavior of Cs, K, and Na in Cs-Containing Incineration Bottom Ash during Thermal Treatment with CaCl ₂ and CaO. <i>Energy & Fuels</i> , 2017, 31, 14045-14052. | 2.5 | 6 |
| 192 | Analysis of dose rate around molten corium deposited on the seabed after a severe bottom of the ship melt-through nuclear accident. , 2017, , . | | 1 |
| 193 | Leaf Ecology and Radiocesium Contamination in Trees/Forests. , 2017, , . | | 3 |
| 194 | Radiocesium Transfer in Forest Insect Communities after the Fukushima Dai-ichi Nuclear Power Plant Accident. <i>PLoS ONE</i> , 2017, 12, e0171133. | 1.1 | 29 |
| 195 | The role of autochthonous organic matter in radioactive cesium accumulation to riverine fine sediments. <i>Water Research</i> , 2018, 137, 18-27. | 5.3 | 13 |
| 196 | Rapid and highly efficient cesium removal by newly synthesized carbomer encapsulated potassium copper hexacyanoferrate composite. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 1875-1885. | 3.3 | 19 |
| 197 | Polyvinyl alcohol-borate hydrogel containing Prussian blue for surface decontamination. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 316, 955-962. | 0.7 | 19 |
| 198 | Rumor spreading model considering the proportion of wisemen in the crowd. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 505, 1084-1094. | 1.2 | 38 |
| 199 | Synergistic Mechanisms of CaCl ₂ and CaO on the Vaporization of Cs from Cs-Doped Ash during Thermal Treatment. <i>Energy & Fuels</i> , 2018, 32, 5433-5442. | 2.5 | 3 |
| 200 | Fukushima Daiichi-derived radionuclides in the atmosphere, transport and deposition in Japan: A review. <i>Applied Geochemistry</i> , 2018, 91, 122-139. | 1.4 | 65 |
| 201 | Microfluidic generation of Prussian blue-laden magnetic micro-adsorbents for cesium removal. <i>Chemical Engineering Journal</i> , 2018, 341, 218-226. | 6.6 | 30 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 202 | Effect of different Cs concentrations on overall plant growth and Cs distribution in soybean. <i>Plant Production Science</i> , 2018, 21, 26-31. | 0.9 | 2 |
| 203 | An easily synthesized microporous framework material for the selective capture of radioactive Cs ⁺ and Sr ²⁺ ions. <i>Journal of Materials Chemistry A</i> , 2018, 6, 3967-3976. | 5.2 | 87 |
| 204 | Estimation of concentration of radionuclides in skeletal muscle from blood, based on the data from abandoned animals in Fukushima. <i>Animal Science Journal</i> , 2018, 89, 843-847. | 0.6 | 5 |
| 205 | Palaeo-dust records: A window to understanding past environments. <i>Global and Planetary Change</i> , 2018, 165, 13-43. | 1.6 | 54 |
| 206 | Robustness and Radiation Resistance of the Pale Grass Blue Butterfly from Radioactively Contaminated Areas: A Possible Case of Adaptive Evolution. <i>Journal of Heredity</i> , 2018, 109, 188-198. | 1.0 | 19 |
| 207 | Polymeric coatings for surface decontamination and ecofriendly volume reduction of radioactive waste after use. <i>Progress in Nuclear Energy</i> , 2018, 104, 67-74. | 1.3 | 27 |
| 208 | Chemical accident hazard assessment by spatial analysis of chemical factories and accident records in South Korea. <i>International Journal of Disaster Risk Reduction</i> , 2018, 27, 37-47. | 1.8 | 18 |
| 209 | Enhancement of Cs vaporization from simulated granular ash through thermal treatment in N ₂ atmosphere with the addition of a mixture of CaCl ₂ and CaO. <i>Fuel</i> , 2018, 214, 409-415. | 3.4 | 6 |
| 210 | Porous hydrogel containing Prussian blue nanoparticles for effective cesium ion adsorption in aqueous media. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 60, 465-474. | 2.9 | 26 |
| 211 | IMPACT ON ABSORBED DOSE RATE IN AIR IN THE IZU ISLANDS FROM LONG HALF-LIFE RADIONUCLIDES RELEASED BY THE FUKUSHIMA DAIICHI NUCLEAR POWER PLANT ACCIDENT. <i>Radiation Protection Dosimetry</i> , 2018, 182, 335-344. | 0.4 | 4 |
| 212 | Root Uptake and Distribution of Radionuclides ¹³⁴ Cs and ⁶⁰ Co in Sunflower Plants <i>Helianthus annuus</i> . <i>E3S Web of Conferences</i> , 2018, 73, 05027. | 0.2 | 1 |
| 213 | Haematological analysis of Japanese macaques (<i>Macaca fuscata</i>) in the area affected by the Fukushima Daiichi Nuclear Power Plant accident. <i>Scientific Reports</i> , 2018, 8, 16748. | 1.6 | 34 |
| 214 | Alginate impregnated ferric hexacyanoferrate(II) for effective decontamination of cesium from aquatic environment. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 318, 1827-1835. | 0.7 | 5 |
| 215 | Estimation of Dietary Intake of Radionuclides and Effectiveness of Regulation after the Fukushima Accident and in Virtual Nuclear Power Plant Accident Scenarios. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1589. | 1.2 | 2 |
| 216 | Sorption capacity of cesium on different forest and agricultural soils. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 317, 1429-1438. | 0.7 | 2 |
| 217 | Precipitation Redistribution Method for Regional Simulations of Radioactive Material Transport During the Fukushima Daiichi Nuclear Power Plant Accident. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 10,248. | 1.2 | 2 |
| 218 | Novel Method of Quantifying Radioactive Cesium-Rich Microparticles (CsMPs) in the Environment from the Fukushima Daiichi Nuclear Power Plant. <i>Environmental Science & Technology</i> , 2018, 52, 6390-6398. | 4.6 | 54 |
| 219 | Determination of strontium 90 in environmental samples by triple quadrupole ICP-MS and its application to Fukushima soil samples. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 1081-1085. | 1.6 | 32 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 220 | Calibration of Safecast dose rate measurements. <i>Journal of Environmental Radioactivity</i> , 2018, 190-191, 51-65. | 0.9 | 7 |
| 221 | Development of a high-resolution alpha-particle imaging system for detection of plutonium particles from the Fukushima Daiichi nuclear power plant. <i>Radiation Measurements</i> , 2018, 115, 13-19. | 0.7 | 14 |
| 222 | Adsorption of Cs onto Biogenic Birnessite: Effects of Layer Structure, Ionic Strength, and Competition Cations. <i>ACS Earth and Space Chemistry</i> , 2018, 2, 797-810. | 1.2 | 16 |
| 223 | Quantification of the gas phase methyl iodide using O ₂ ⁺ as the reagent ion in the PTR-ToF-MS technique. <i>International Journal of Mass Spectrometry</i> , 2018, 431, 43-49. | 0.7 | 6 |
| 224 | Radioactive release during nuclear accidents in Chernobyl and Fukushima. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 298, 012011. | 0.3 | 7 |
| 225 | Visual Representations of Radiation Risk and the Question of Public (Mis-)Trust in Post-Fukushima Japan. <i>Societies</i> , 2018, 8, 32. | 0.8 | 4 |
| 226 | Effects of litter feeders on the transfer of ¹³⁷ Cs to plants. <i>Scientific Reports</i> , 2018, 8, 6691. | 1.6 | 2 |
| 227 | Carotenoid distribution in wild Japanese tree frogs (<i>Hyla japonica</i>) exposed to ionizing radiation in Fukushima. <i>Scientific Reports</i> , 2018, 8, 7438. | 1.6 | 13 |
| 228 | Eco-friendly one-pot synthesis of Prussian blue-embedded magnetic hydrogel beads for the removal of cesium from water. <i>Scientific Reports</i> , 2018, 8, 11476. | 1.6 | 37 |
| 229 | Selective electrochemical removal of cesium ion based on nickel hexacyanoferrate/reduced graphene oxide hybrids. <i>Separation and Purification Technology</i> , 2019, 209, 65-72. | 3.9 | 39 |
| 230 | First determination of Pu isotopes (²³⁹ Pu, ²⁴⁰ Pu and ²⁴¹ Pu) in radioactive particles derived from Fukushima Daiichi Nuclear Power Plant accident. <i>Scientific Reports</i> , 2019, 9, 11807. | 1.6 | 22 |
| 232 | Diffusion in the Atmosphere. , 2019, , 62-111. | | 0 |
| 233 | Diffusion and Deposition of Radioactive Materials in the Terrestrial Environment. , 2019, , 167-212. | | 0 |
| 234 | 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 |
| 235 | Factors affecting ¹³⁷ Cs concentration in wild plants and soils of different land use in Iitate village after the Fukushima nuclear power plant accident. <i>Radiation Safety Management</i> , 2019, 18, 1-8. | 0.4 | 1 |
| 236 | Changes of absorbed dose rate in air in metropolitan Tokyo relating to radiocesium released from the Fukushima Daiichi Nuclear Power Plant accident: Results of a five-year study. <i>PLoS ONE</i> , 2019, 14, e0224449. | 1.1 | 2 |
| 237 | Dynamics of atmospheric ¹³¹ I in radioactive plumes in eastern Japan immediately after the Fukushima accident by analysing published data. <i>Scientific Reports</i> , 2019, 9, 13240. | 1.6 | 7 |
| 238 | Regional HYSPLIT simulation of atmospheric transport and deposition of the Chernobyl ¹³⁷ Cs releases. <i>Atmospheric Pollution Research</i> , 2019, 10, 1953-1963. | 1.8 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 239 | Evaluation of electronic state of Cs-adsorbed clay minerals by NEXAFS analysis using DFT calculations. <i>Journal of Physics and Chemistry of Solids</i> , 2019, 127, 169-177. | 1.9 | 3 |
| 240 | Using spectrocolourimetry to trace sediment source dynamics in coastal catchments draining the main Fukushima radioactive pollution plume (2011–2017). <i>Journal of Soils and Sediments</i> , 2019, 19, 3290-3301. | 1.5 | 18 |
| 241 | Contamination Deposition, Transportation and Remediation. Springer Theses, 2019, , 127-159. | 0.0 | 0 |
| 242 | Radionuclides sorption on typical clay minerals: Modeling and spectroscopies. <i>Interface Science and Technology</i> , 2019, , 1-38. | 1.6 | 13 |
| 243 | The 2011 Fukushima Daiichi Nuclear Power Plant Accident. Springer Theses, 2019, , . | 0.0 | 4 |
| 244 | Spatial properties of soil analyses and airborne measurements for reconnaissance of soil contamination by ^{137}Cs after Fukushima nuclear accident in 2011. <i>Journal of Environmental Radioactivity</i> , 2019, 202, 74-84. | 0.9 | 13 |
| 245 | Fixation capability of recycling materials as potential additives for cesium immobilization in contaminated forest soil. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 319, 315-326. | 0.7 | 5 |
| 246 | Application of alkali-activated materials for water and wastewater treatment: a review. <i>Reviews in Environmental Science and Biotechnology</i> , 2019, 18, 271-297. | 3.9 | 117 |
| 247 | Theoretical chemical ionization rate constants of the concurrent reactions of hydronium ions (H_3O^+) and oxygen ions (O) with selected organic iodides. <i>Journal of Mass Spectrometry</i> , 2019, 54, 422-428. | 0.7 | 2 |
| 248 | Facile synthesis of copper ferrocyanide-embedded magnetic hydrogel beads for the enhanced removal of cesium from water. <i>Chemosphere</i> , 2019, 224, 776-785. | 4.2 | 45 |
| 249 | Inner structure and inclusions in radiocesium-bearing microparticles emitted in the Fukushima Daiichi Nuclear Power Plant accident. <i>Microscopy (Oxford, England)</i> , 2019, 68, 234-242. | 0.7 | 13 |
| 250 | Tellurium behaviour in the Fukushima Dai-ichi Nuclear Power Plant accident. <i>Journal of Environmental Radioactivity</i> , 2019, 204, 49-65. | 0.9 | 17 |
| 251 | Intestinal Bacteria as Powerful Trapping Lifeforms for the Elimination of Radioactive Cesium. <i>Frontiers in Veterinary Science</i> , 2019, 6, 70. | 0.9 | 4 |
| 252 | Environmental DNA provides information on sediment sources: A study in catchments affected by Fukushima radioactive fallout. <i>Science of the Total Environment</i> , 2019, 665, 873-881. | 3.9 | 37 |
| 253 | Pre-enrichment of radioactive cesium in muddy water separated into suspended and dissolved substances for trace analysis. <i>Water Research</i> , 2019, 154, 28-33. | 5.3 | 3 |
| 254 | A remotely steerable Janus micromotor adsorbent for the active remediation of Cs-contaminated water. <i>Journal of Hazardous Materials</i> , 2019, 369, 416-422. | 6.5 | 33 |
| 255 | Analysis of cable effect on dynamic motion of an underwater vehicle for welding of reaction pool. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401988676. | 0.8 | 0 |
| 256 | Overwintering States of the Pale Grass Blue Butterfly <i>Zizeeria maha</i> (Lepidoptera: Lycaenidae) at the Time of the Fukushima Nuclear Accident in March 2011. <i>Insects</i> , 2019, 10, 389. | 1.0 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 257 | Finding Radiocesium-bearing Microparticles More Minute than Previously Reported, Emitted by the Fukushima Nuclear Accident. <i>Chemistry Letters</i> , 2019, 48, 1336-1338. | 0.7 | 15 |
| 258 | Effectiveness of landscape decontamination following the Fukushima nuclear accident: a review. <i>Soil</i> , 2019, 5, 333-350. | 2.2 | 45 |
| 259 | Enhanced surface decontamination of radioactive Cs by self-generated, strippable hydrogels based on reversible cross-linking. <i>Journal of Hazardous Materials</i> , 2019, 362, 72-81. | 6.5 | 36 |
| 260 | Atmospheric dispersion modeling and radiological safety assessment for expected operation of Baiji nuclear power plant potential site. <i>Annals of Nuclear Energy</i> , 2019, 127, 156-164. | 0.9 | 13 |
| 261 | Analysis of the radioactive atmospheric dispersion induced by ship nuclear power plant severe accident. <i>Annals of Nuclear Energy</i> , 2019, 127, 395-399. | 0.9 | 8 |
| 262 | Radiocarbon and radiocesium in litter fall at Kawamata, ~45 km NW from the Fukushima Dai-ichi nuclear power plant (Japan). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 319, 1093-1101. | 0.7 | 5 |
| 263 | Incidence of Thyroid Cancer Among Children and Young Adults in Fukushima, Japan, Screened With 2 Rounds of Ultrasonography Within 5 Years of the 2011 Fukushima Daiichi Nuclear Power Station Accident. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2019, 145, 4. | 1.2 | 44 |
| 264 | Sorption and desorption studies of Cs and Sr in contaminated soil samples around Fukushima Daiichi Nuclear Power Plant. <i>Journal of Soils and Sediments</i> , 2020, 20, 392-403. | 1.5 | 21 |
| 265 | A review on thermohydraulic and mechanical-physical properties of SiC, FeCrAl and Ti3SiC2 for ATF cladding. <i>Nuclear Engineering and Technology</i> , 2020, 52, 1-13. | 1.1 | 67 |
| 266 | Low-Dose Radiation Effects on Animals and Ecosystems. , 2020, , . | | 7 |
| 267 | Airborne release of hazardous micron-sized metallic/metal oxide particles during thermal degradation of polycarbonate surfaces contaminated by particles: Towards a phenomenological description. <i>Journal of Hazardous Materials</i> , 2020, 384, 121490. | 6.5 | 4 |
| 268 | Rumor propagation model with consideration of scientific knowledge level and social reinforcement in heterogeneous network. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 559, 125063. | 1.2 | 19 |
| 269 | Poly(vinyl alcohol)-borax complex-based spray coating for the decontamination of radioactive Cs from wide-area surfaces. <i>Chemical Engineering Journal</i> , 2020, 402, 126299. | 6.6 | 27 |
| 270 | Radioactive Games? Radiation Hazard Assessment of the Tokyo Olympic Summer Games. <i>Environmental Science & Technology</i> , 2020, 54, 11414-11423. | 4.6 | 2 |
| 271 | Statistical analysis for 134Cs and 137Cs radioactivity risk levels modeling. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 326, 1047-1064. | 0.7 | 6 |
| 272 | The Uptake of Hazardous Metal Ions into a High-Nuclearity Cluster-Based Compound with Structural Transformation and Proton Conduction. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 26222-26231. | 4.0 | 11 |
| 273 | The regional scale atmospheric dispersion analysis and environmental radiation impacts assessment for the hypothetical accident in Haiyang nuclear power plant. <i>Progress in Nuclear Energy</i> , 2020, 125, 103362. | 1.3 | 14 |
| 274 | Photolytic degradation of molecular iodine adsorbed on model SiO2 particles. <i>Science of the Total Environment</i> , 2020, 723, 137951. | 3.9 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 275 | Development of sustainable extraction method for long-lived radioisotopes, ^{133}Ba and ^{134}Cs using a potential bio-sorbent. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 325, 587-593. | 0.7 | 8 |
| 276 | Concentrations of ^{137}Cs radiocaesium in the organs and tissues of low-dose-exposed wild Japanese monkeys. <i>BMC Research Notes</i> , 2020, 13, 121. | 0.6 | 6 |
| 277 | The pale grass blue butterfly in ex-evacuation zones 5.5 years after the Fukushima nuclear accident: Contributions of initial high-dose exposure to transgenerational effects. <i>Journal of Asia-Pacific Entomology</i> , 2020, 23, 242-252. | 0.4 | 17 |
| 278 | Reactor environment during the Fukushima nuclear accident inferred from radiocaesium-bearing microparticles. <i>Scientific Reports</i> , 2020, 10, 1352. | 1.6 | 12 |
| 279 | Isotopic ratios of uranium and caesium in spherical radioactive caesium-bearing microparticles derived from the Fukushima Dai-ichi Nuclear Power Plant. <i>Scientific Reports</i> , 2020, 10, 3281. | 1.6 | 25 |
| 280 | Prussian blue-embedded carboxymethyl cellulose nanofibril membranes for removing radioactive cesium from aqueous solution. <i>Carbohydrate Polymers</i> , 2020, 235, 115984. | 5.1 | 33 |
| 281 | Effect of Si content of CrSi-based coatings on their oxidation resistance in high temperature air. <i>Ceramics International</i> , 2020, 46, 11357-11363. | 2.3 | 17 |
| 282 | Proteomic Analysis of Iodinated Contrast Agent-Induced Perturbation of Thyroid Iodide Uptake. <i>Journal of Clinical Medicine</i> , 2020, 9, 329. | 1.0 | 3 |
| 283 | Serum Proteins as New Biomarkers for Whole-Body Exposure to High- and Low-LET Ionizing Radiation. <i>Dose-Response</i> , 2020, 18, 155932582091417. | 0.7 | 5 |
| 284 | Ecological half-lives of radiocesium on Izu-Oshima Island related with the Fukushima Daiichi nuclear power plant accident. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 324, 291-300. | 0.7 | 2 |
| 285 | Use of thermal treatment with CaCl_2 and CaO to remove ^{137}Cs in the soil collected from the area near the Fukushima Daiichi Nuclear Power Plant. <i>Journal of Hazardous Materials</i> , 2021, 401, 123364. | 6.5 | 6 |
| 286 | Tellurium Behavior in the Containment Sump: Dissolution, Redox, and Radiolysis Effects. <i>Nuclear Technology</i> , 2021, 207, 217-227. | 0.7 | 4 |
| 287 | The Coming of Age for Big Data in Systems Radiobiology, an Engineering Perspective. <i>Big Data</i> , 2021, 9, 63-71. | 2.1 | 2 |
| 288 | Releases of radionuclides into the environment. , 2021, , 209-243. | | 0 |
| 289 | Radioactivity impact on Japan. , 2021, , 245-384. | | 0 |
| 290 | Transition of Radioactive Cesium Deposition in Reproductive Organs of Free-Roaming Cats in Namie Town, Fukushima. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1772. | 1.2 | 2 |
| 291 | Nutrient Imbalance of the Host Plant for Larvae of the Pale Grass Blue Butterfly May Mediate the Field Effect of Low-Dose Radiation Exposure in Fukushima: Dose-Dependent Changes in the Sodium Content. <i>Insects</i> , 2021, 12, 149. | 1.0 | 6 |
| 292 | Spatial Distribution of Air Dose Rate in Grazing Grassland. <i>Journal of Data Science</i> , 2016, 14, 133-148. | 0.5 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 293 | Changes in environmental radiation levels in Katsushika Ward, Tokyo after the Fukushima Daiichi Nuclear Power Plant accident. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 328, 411-418. | 0.7 | 0 |
| 294 | Inequality in the distribution of ¹³⁷ Cs contamination within freshwater fish bodies and its affecting factors. <i>Scientific Reports</i> , 2021, 11, 5769. | 1.6 | 3 |
| 295 | Photodegradation of Molecular Iodine on SiO ₂ Particles: Influence of Temperature and Relative Humidity. <i>Journal of Nuclear Engineering and Radiation Science</i> , 2021, 7, . | 0.2 | 1 |
| 296 | ATP binding cassette proteins ABCG37 and ABCG33 function as potassium-independent cesium uptake carriers in <i>Arabidopsis</i> roots. <i>Molecular Plant</i> , 2021, 14, 664-678. | 3.9 | 19 |
| 297 | A comparison of CFPD, compartment, and uniform distribution models for radiation dosimetry of radionuclides in the lung. <i>Journal of Radiological Protection</i> , 2021, 41, . | 0.6 | 3 |
| 298 | Trajectory and factors of radiation risk perception of students aged 10 to 12 years at the time of the Fukushima Daiichi Nuclear Power Station accident. <i>Journal of Radiological Protection</i> , 2021, 41, . | 0.6 | 3 |
| 299 | Simulation of atmospheric radiocesium (¹³⁷ Cs) from Fukushima nuclear accident using FLEXPART-WRF driven by ERA5 reanalysis data. <i>Nuclear Science and Technology</i> , 2021, 10, 01-12. | 0.0 | 0 |
| 300 | Active and selective removal of Cs from contaminated water by self-propelled magnetic illite microspheres. <i>Journal of Hazardous Materials</i> , 2021, 416, 126226. | 6.5 | 14 |
| 301 | A rumor reversal model of online health information during the Covid-19 epidemic. <i>Information Processing and Management</i> , 2021, 58, 102731. | 5.4 | 31 |
| 302 | Simultaneous removal of radioactive cesium and strontium from seawater using a highly efficient Prussian blue-embedded alginate aerogel. <i>Journal of Environmental Management</i> , 2021, 297, 113389. | 3.8 | 27 |
| 304 | DNAzyme-Based Sensing for Metal Ions in Ocean Platform. <i>Springer Protocols</i> , 2012, , 103-116. | 0.1 | 2 |
| 305 | Transgenerational Effects on Calf Spermatogenesis and Metabolome Associated with Paternal Exposure to the Fukushima Nuclear Power Plant Accident. , 2020, , 125-138. | | 1 |
| 306 | Analysis of Ovaries and Fertilities in Domestic Animals Affected by the Fukushima Daiichi Nuclear Power Plant Accident. , 2020, , 113-123. | | 1 |
| 307 | Polyvinyl alcohol-borate hydrogel containing magnetic adsorbent for surface decontamination. <i>Annals of Nuclear Energy</i> , 2017, 109, 359-364. | 0.9 | 18 |
| 308 | Quantification of gas phase methyl iodide using H ₃ O ⁺ as the reagent ion in the PTR-MS technique. <i>International Journal of Mass Spectrometry</i> , 2018, 424, 10-15. | 0.7 | 6 |
| 309 | Environmental Contamination from the Fukushima Nuclear Disaster. , 2019, , . | | 4 |
| 310 | ¹³⁵ Cs activity and ¹³⁵ Cs/ ¹³⁷ Cs atom ratio in environmental samples before and after the Fukushima Daiichi Nuclear Power Plant accident. , 0, . | | 1 |
| 311 | An Investigation on the Possible Radioactive Contamination of Environment during a Steam-Line Break Accident in a VVER-1200 Nuclear Power Plant. <i>Current World Environment Journal</i> , 2019, 14, 299-311. | 0.2 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 312 | Development of Faced-Type Double NaI(Tl) Scintillation Detector System for Measurement of Radioactive-Cesium Concentration. Radiation Safety Management, 2015, 14, 1-8. | 0.4 | 2 |
| 313 | Concentration of Strontium-90 at Selected Hot Spots in Japan. PLoS ONE, 2013, 8, e57760. | 1.1 | 97 |
| 314 | Concentration of Radiocesium in the Wild Japanese Monkey (<i>Macaca fuscata</i>) over the First 15 Months after the Fukushima Daiichi Nuclear Disaster. PLoS ONE, 2013, 8, e68530. | 1.1 | 32 |
| 315 | Internal Radiation Exposure Dose in Iwaki City, Fukushima Prefecture after the Accident at Fukushima Dai-ichi Nuclear Power Plant. PLoS ONE, 2014, 9, e114407. | 1.1 | 14 |
| 316 | In vitro mass-screening of lactic acid bacteria as potential biosorbents of cesium and strontium ions. Journal of Microbiology, Biotechnology and Food Sciences, 2015, 04, 383-386. | 0.4 | 5 |
| 317 | Analysis of two forms of radioactive particles emitted during the early stages of the Fukushima Dai-ichi Nuclear Power Station accident. Geochemical Journal, 2018, 52, 137-143. | 0.5 | 79 |
| 318 | Fukushima Daiichi Nuclear Power Plant Disaster: Generally Applicable Implications from Measurements of Radioactive Contaminations in Some Areas of Ibaraki and Fukushima. Genes and Environment, 2013, 35, 1-4. | 0.9 | 4 |
| 319 | Effects of the Slope Aspect and Leaf Mass on the Radiocesium Spatial Distribution of Fallen Leaves of <i>Quercus serrata</i> . Journal of the Japanese Forest Society, 2017, 99, 34-40. | 0.1 | 3 |
| 321 | Tracking the origin and dispersion of contaminated sediments transported by rivers draining the Fukushima radioactive contaminant plume. Proceedings of the International Association of Hydrological Sciences, 0, 367, 237-243. | 1.0 | 2 |
| 322 | Predicting the hazard area of the volcanic ash caused by Mt. Ontake Eruption. Korean Journal of Remote Sensing, 2014, 30, 777-786. | 0.4 | 1 |
| 323 | Phase stability of Cs-Si-O and Cs-Si-Fe-O compounds on stainless steel. Journal of Nuclear Science and Technology, 2022, 59, 345-356. | 0.7 | 1 |
| 325 | Study of Heavily Adhesive Cs in Soil Environment. International Journal of Environmental Science and Development, 0, , 628-632. | 0.2 | 0 |
| 327 | Terrestrial Environmental Dynamics of Radioactive Nuclides. , 2015, , 159-168. | | 0 |
| 328 | Detection of ¹³¹ I, ¹³⁴ Cs, and ¹³⁷ Cs Released into the Atmosphere from FNPP in Small Epipelagic Fishes, Japanese Sardine and Japanese Anchovy, off the Kanto Area, Japan. , 2015, , 101-109. | | 1 |
| 329 | Human Insecurity Caused by the Dysfunction of the State: New Security Issues in Post-Fukushima Japan. Asian Journal of Peacebuilding, 2015, 3, 165-187. | 0.1 | 1 |
| 330 | Status of a national monitoring program for environmental radioactivity and investigation of artificial radionuclide concentrations (¹³⁴ Cs, ¹³⁷ Cs, ¹³¹ I) in rivers and lakes. Analytical Science and Technology, 2015, 28, 377-384. | 0.3 | 5 |
| 331 | Rice Inspections in Fukushima Prefecture. , 2016, , 23-31. | | 1 |
| 332 | Speciation and Identification of Chalcogen-Containing Metabolites. , 2017, , 43-61. | | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 333 | New Bioremediation Technologies to Remove Heavy Metals and Radionuclides. , 2021, , 23-45. | | 1 |
| 334 | Vertical distribution and transport of radiocesium via branchflow and stemflow through the canopy of cedar and oak stands in the aftermath of the Fukushima Dai-ichi Nuclear Power Plant accident. Science of the Total Environment, 2022, 818, 151698. | 3.9 | 9 |
| 336 | Circulating tRNA-Derived Small RNAs as Novel Radiation Biomarkers of Heavy Ion, Proton and X-ray Exposure. International Journal of Molecular Sciences, 2021, 22, 13476. | 1.8 | 1 |
| 337 | An Overview of Fukushima-Derived Strontium Radioisotopes. , 2022, , 79-95. | | 2 |
| 338 | Validation study of ambient dose equivalent conversion coefficients for radiocaesium distributed in the ground: lessons from the Fukushima Daiichi Nuclear Power Station accident. Radiation and Environmental Biophysics, 2022, 61, 147-159. | 0.6 | 1 |
| 339 | Important effects of relative humidity on the formation processes of iodine oxide particles from CH ₃ I photo-oxidation. Journal of Hazardous Materials, 2022, 433, 128729. | 6.5 | 2 |
| 340 | Sulfur-modified zeolite A as a low-cost strontium remover with improved selectivity for radioactive strontium. Chemosphere, 2022, 299, 134309. | 4.2 | 16 |
| 341 | Shielding Analysis of Metal Hydride-based Materials for Both Neutron and Gamma Rays Using Monte Carlo Simulation. Journal of Korean Institute of Metals and Materials, 2021, 59, 921-925. | 0.4 | 0 |
| 342 | Structural investigation of the efficient capture of Cs ⁺ and Sr ²⁺ by a microporous Cd-Sn-Se ion exchanger constructed from mono-lacunary supertetrahedral clusters. Inorganic Chemistry Frontiers, 2022, 9, 2880-2894. | 3.0 | 8 |
| 343 | Experimental estimates of hygroscopic growth of particulate fission product species (mixed) Tj ETQq1 1 0.784314 rgBT /Overlock 10 IF 148, 104216. | 1.3 | 1 |
| 344 | Phytoremediation Dynamic Models of Radionuclides ¹³⁴ Cs and ⁶⁰ Co in Sunflowers Plants (Helianthus) Tj ETQq0 0 0 rgBT /Overlock 10 IF | | |
| 345 | Time-series variations in ¹²⁹ I concentrations and ¹²⁹ I/ ¹³⁷ Cs ratios in suspended particulate matter collected in eastern Japan immediately after the 2011 nuclear accident in Fukushima, Japan. Journal of Environmental Radioactivity, 2022, 250, 106907. | 0.9 | 2 |
| 346 | Cs-134 in soils of the Western Canary Islands after the Chernobyl nuclear accident. Journal of Geochemical Exploration, 2022, 242, 107085. | 1.5 | 2 |
| 347 | Modelling fortification strategies for network resilience optimization: The case of immunization and mitigation. IJSE Transactions, 2024, 56, 411-423. | 1.6 | 4 |
| 348 | Exemplifying the "wild boar paradox" dynamics of cesium-137 contaminations in wild boars in Germany and Japan. Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 5003-5012. | 0.7 | 7 |
| 350 | Efficient and selective adsorption of uranium by diamide-pyridine-functionalized hierarchically porous boron nitride. Separation and Purification Technology, 2023, 305, 122538. | 3.9 | 7 |
| 351 | Chlorine-36 deposition at Tsukuba, Japan, after the Fukushima Daiichi Nuclear Power Plant accident. Nuclear Instruments & Methods in Physics Research B, 2022, 532, 73-77. | 0.6 | 3 |
| 352 | Chapter 2. Radioactive Nano- and Microparticles Released from Fukushima Daiichi: Technical Challenges of Multiple Analytic Techniques. Chemistry in the Environment, 2022, , 15-48. | 0.2 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 353 | Relationship between haematological data and radiation doses of TEPCO workers before and after the FDNNP accident. <i>Journal of Radiation Research</i> , 2023, 64, 261-272. | 0.8 | 0 |
| 354 | Why did so few refugees return to the Fukushima fallout-impacted region after remediation? An interdisciplinary case study from Iitate village, Japan. <i>International Journal of Disaster Risk Reduction</i> , 2023, 85, 103498. | 1.8 | 3 |
| 355 | Nanomagnetic materials for environmental remediation. , 2023, , 537-553. | | 0 |
| 356 | Modelling of Type B ejecta formation reveals reactor Unit 1 conditions during the Fukushima Daiichi Nuclear Disaster. <i>Scientific Reports</i> , 2023, 13, . | 1.6 | 0 |
| 362 | Structure, Composition, and Physicochemical Properties of Radiocesium-Bearing Microparticles Emitted by the Fukushima Daiichi Nuclear Power Plant Accident. , 2023, , 63-78. | | 0 |