

# Naofumi Akata

## List of Publications by Year in descending order

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papers

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citations

516710

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docs citations

61  
times ranked

571  
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#	ARTICLE	IF	CITATIONS
1	Heavy Metal Assessments of Soil Samples from a High Natural Background Radiation Area, Indonesia. <i>Toxics</i> , 2022, 10, 39.	3.7	8
2	<sup>222</sup> Rn and <sup>226</sup> Ra Concentrations in Spring Water and Their Dose Assessment Due to Ingestion Intake. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1758.	2.6	6
3	Monthly Precipitation Collected at Hirosaki, Japan: Its Tritium Concentration and Chemical and Stable Isotope Compositions. <i>Atmosphere</i> , 2022, 13, 848.	2.3	3
4	A unique high natural background radiation area – Dose assessment and perspectives. <i>Science of the Total Environment</i> , 2021, 750, 142346.	8.0	30
5	Characterization of atmospheric <sup>210</sup> Pb concentration and its relation to major ion species at Tsukuba, Japan. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 327, 755-760.	1.5	1
6	Discriminative Measurement of Absorbed Dose Rates in Air from Natural and Artificial Radionuclides in Namie Town, Fukushima Prefecture. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 978.	2.6	11
7	Long-Term Measurements of Radon and Thoron Exhalation Rates from the Ground Using the Vertical Distributions of Their Activity Concentrations. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1489.	2.6	10
8	Simple Pretreatment Method for Tritium Measurement in Environmental Water Samples using a Liquid Scintillation Counter. <i>Plasma and Fusion Research</i> , 2021, 16, 2405035-2405035.	0.7	0
9	Monitoring of Environmental Radioactivity in Pine Needle and Soil at the Site of National Institute for Fusion Science. <i>Japanese Journal of Health Physics</i> , 2021, 56, 66-74.	0.1	0
10	Support activities in Namie Town, Fukushima undertaken by Hirosaki University. <i>Annals of the ICRP</i> , 2021, 50, 102-108.	3.8	0
11	Isotope and chemical composition of monthly precipitation collected at Sapporo, northern part of Japan during 2015-2019. <i>Fusion Engineering and Design</i> , 2021, 168, 112434.	1.9	8
12	Comprehensive exposure assessments from the viewpoint of health in a unique high natural background radiation area, Mamuju, Indonesia. <i>Scientific Reports</i> , 2021, 11, 14578.	3.3	22
13	Temporal and Spatial Variation of Radon Concentrations in Environmental Water from Okinawa Island, Southwestern Part of Japan. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 998.	2.6	2
14	A Preliminary Study of Radon Equilibrium Factor at a Tourist Cave in Okinawa, Japan. <i>Atmosphere</i> , 2021, 12, 1648.	2.3	3
15	Relationship between Tritium Concentration, Hydrogen and Oxygen of Stable Isotope Ratios, and Major Ion Components for Monthly Precipitation in Southwestern Part of Japan. <i>Japanese Journal of Health Physics</i> , 2021, 56, 265-279.	0.1	2
16	THE IMPACT ON THE EYE LENS OF RADIATION EMITTED BY NATURAL RADIONUCLIDES (LEAD-210) PRESENT IN RADIATION PROTECTION GLASSES. <i>Radiation Protection Dosimetry</i> , 2020, 188, 13-21.	0.8	3
17	CAESIUM RETENTION CHARACTERISTICS OF KNIFC – PAN RESIN FROM RIVER WATER. <i>Radiation Protection Dosimetry</i> , 2020, 190, 320-323.	0.8	2
18	Assessment of Radiation Dose from the Consumption of Bottled Drinking Water in Japan. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4992.	2.6	14

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19	Natural Radioactivity of Laterite and Volcanic Rock Sample for Radioactive Mineral Exploration in Mamuju, Indonesia. <i>Geosciences (Switzerland)</i> , 2020, 10, 376.	2.2	18
20	Preliminary Investigation of Pretreatment Methods for Liquid Scintillation Measurements of Environmental Water Samples Using Ion Exchange Resins. <i>Plasma and Fusion Research</i> , 2020, 15, 2405027-2405027.	0.7	1
21	NATURAL RADIATION EXPOSURE TO THE PUBLIC IN MINING AND ORE BEARING REGIONS OF CAMEROON. <i>Radiation Protection Dosimetry</i> , 2019, 184, 391-396.	0.8	10
22	Determination of non-exchangeable organically bound tritium concentration in reference material of pine needles (NIST 1575a). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 319, 1359-1363.	1.5	4
23	Isotope Composition and Chemical Species of Monthly Precipitation Collected at the Site of a Fusion Test Facility in Japan. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3883.	2.6	6
24	ENVIRONMENTAL TRITIUM AROUND A FUSION TEST FACILITY. <i>Radiation Protection Dosimetry</i> , 2019, 184, 324-327.	0.8	6
25	Radiation control in LHD and radiation shielding capability of the torus hall during first campaign of deuterium experiment. <i>Fusion Engineering and Design</i> , 2019, 143, 180-187.	1.9	4
26	A SIMULATION STUDY OF DEPOSITION PARAMETERS FOR $^{129}\text{I}$ DISCHARGED FROM THE ROKKASHO REPROCESSING PLANT. <i>Radiation Protection Dosimetry</i> , 2019, 184, 376-379.	0.8	3
27	Comparative Study of Performance using Five Different Gamma-ray Spectrometers for Thyroid Monitoring under Nuclear Emergency Situations. <i>Health Physics</i> , 2019, 116, 81-87.	0.5	5
28	Measurement of Absorbed Dose Rate in Air at NIFS Site after the First Deuterium Plasma Experiment in LHD. <i>Plasma and Fusion Research</i> , 2019, 14, 1305130-1305130.	0.7	1
29	Concentrations of Chemical Components, Including $^{210}\text{Pb}$ , Present in Aerosols Collected at Naha, Okinawa Prefecture, a Sub-tropical Region of Japan. <i>Japanese Journal of Health Physics</i> , 2018, 53, 17-22.	0.1	3
30	Determination of tritium activity and chemical forms in the exhaust gas from a large fusion test device. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 318, 877-885.	1.5	12
31	Monitoring of Tritium Concentration by Simplified Active Sampler in a Fusion Test Facility. <i>Plasma and Fusion Research</i> , 2018, 13, 3405038-3405038.	0.7	3
32	Expiratory Testing as a Simple and Effective Bioassay Method for Screening Workers for Tritium Exposure in Fusion Test Facilities. <i>Plasma and Fusion Research</i> , 2018, 13, 1305076-1305076.	0.7	1
33	Measurement system for alpha and beta emitters with continuous air sampling under different exposure situations. <i>Applied Radiation and Isotopes</i> , 2017, 126, 79-82.	1.5	7
34	Weak size dependence of resuspended radiocesium adsorbed on soil particles collected after the Fukushima nuclear accident. <i>Journal of Environmental Radioactivity</i> , 2017, 172, 122-129.	1.7	15
35	Regional and global contributions of anthropogenic iodine-129 in monthly deposition samples collected in North East Japan between 2006 and 2015. <i>Journal of Environmental Radioactivity</i> , 2017, 171, 65-73.	1.7	24
36	Absorbed Dose Rate in Air at the NIFS Site before the Deuterium Plasma Experiment in LHD. <i>Plasma and Fusion Research</i> , 2017, 12, 1305029-1305029.	0.7	4

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37	Temporal variation of post-accident atmospheric <sup>137</sup> Cs in an evacuated area of Fukushima Prefecture: Size-dependent behaviors of <sup>137</sup> Cs-bearing particles. <i>Journal of Environmental Radioactivity</i> , 2016, 165, 131-139.	1.7	19
38	Long-Term Monitoring of Tritium Concentration in Environmental Water Samples Collected at Tono Area, Japan. <i>Plasma and Fusion Research</i> , 2016, 11, 1305032-1305032.	0.7	12
39	A New Pretreatment Technique for Environmental Tritium Analysis with Microwave Heating Method. <i>Plasma and Fusion Research</i> , 2016, 11, 2405017-2405017.	0.7	3
40	Spatial and temporal changes of <sup>137</sup> Cs concentrations derived from nuclear power plant accident in river waters in eastern Fukushima, Japan during 2012-2014. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 307, 2167-2172.	1.5	12
41	A pilot study for dose evaluation in high-level natural radiation areas of Yangjiang, China. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 306, 317-323.	1.5	21
42	Tritium activity concentrations and residence times of groundwater collected in Rokkasho, Japan. <i>Radiation Protection Dosimetry</i> , 2015, 167, 201-205.	0.8	4
43	Atmospheric deposition of radionuclides ( <sup>7</sup> Be, <sup>210</sup> Pb, <sup>134</sup> Cs, <sup>137</sup> Cs and <sup>40</sup> K) during 2000-2012 at Rokkasho, Japan, and impact of the Fukushima Dai-ichi Nuclear Power Plant accident. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 303, 1217-1222.	1.5	4
44	Iodine-129 in water samples collected adjacent to a spent nuclear fuel reprocessing plant in Rokkasho, Japan. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 303, 1211-1215.	1.5	17
45	Nuclear accident-derived <sup>3</sup> H in river water of Fukushima Prefecture during 2011-2014. <i>Journal of Environmental Radioactivity</i> , 2015, 146, 102-109.	1.7	26
46	Effects of radiocesium inventory on <sup>137</sup> Cs concentrations in river waters of Fukushima, Japan, under base-flow conditions. <i>Journal of Environmental Radioactivity</i> , 2015, 144, 86-95.	1.7	49
47	Estimation of External Dose by Car-Borne Survey in Kerala, India. <i>PLoS ONE</i> , 2015, 10, e0124433.	2.5	42
48	Characteristics of hydrogen and oxygen stable isotope ratios in precipitation collected in a snowfall region, Aomori Prefecture, Japan. <i>Geochemical Journal</i> , 2014, 48, 9-18.	1.0	16
49	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.	1.7	170
50	Daily Radionuclide Ingestion and Internal Radiation Doses in Aomori Prefecture, Japan. <i>Health Physics</i> , 2013, 105, 340-350.	0.5	4
51	Radiocarbon Concentrations in Environmental Samples Collected Near the Spent Nuclear Fuel Reprocessing Plant at Rokkasho, Aomori, Japan, During Test Operation Using Spent Nuclear Fuel. <i>Health Physics</i> , 2013, 105, 236-244.	0.5	10
52	Combination of Sulfur Isotope Ratio of Non-sea Salt Sulfate and Lead-210 Concentration in Aerosols as an Index of Long-range Transported Aerosols. <i>Radioisotopes</i> , 2012, 61, 65-70.	0.2	3
53	Tritium concentrations in the atmospheric environment at Rokkasho, Japan before the final testing of the spent nuclear fuel reprocessing plant. <i>Journal of Environmental Radioactivity</i> , 2011, 102, 837-842.	1.7	49
54	Ten-year observation of sulfur isotopic composition of sulfate in aerosols collected at Tsuruoka, a coastal area on the Sea of Japan in northern Japan. <i>Geochemical Journal</i> , 2010, 44, 571-577.	1.0	8

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55	Total deposition velocities and scavenging ratios of <sup>7</sup> Be and <sup>210</sup> Pb at Rokkasho, Japan. Journal of Radioanalytical and Nuclear Chemistry, 2008, 277, 347-355.	1.5	33
56	Plant induced changes in concentrations of caesium, strontium and uranium in soil solution with reference to major ions and dissolved organic matter. Journal of Environmental Radioactivity, 2008, 99, 900-911.	1.7	25
57	Deposition of <sup>137</sup> Cs in Rokkasho, Japan and its relation to Asian dust. Journal of Environmental Radioactivity, 2007, 95, 1-9.	1.7	34
58	Sulfur Isotope Ratios of Coals used in East Asia.. Journal of the Japanese Society of Snow and Ice, 2002, 64, 49-58.	0.1	5
59	Sulfur Isotope Ratios of Non-Sea Salt Sulfate in Wet Deposits in Japan.. Journal of the Japanese Society of Snow and Ice, 2002, 64, 173-184.	0.1	6
60	Concentration of Metallothionein in Mice Livers after a Small Dose of Irradiation.. Journal of Radiation Research, 1998, 39, 239-242.	1.6	4
61	A unique high natural background radiation area in Indonesia: a brief review from the viewpoint of dose assessments. Journal of Radioanalytical and Nuclear Chemistry, 0, , 1.	1.5	9