Yuichi Onda

List of Publications by Year
in descending order

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236	8,267	41344	69250
papers	citations	49 h-index	77 g-index

258	258	258	5018
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	8.0	9
2	A storm-induced flood and associated nearshore dispersal of the river-derived suspended 137Cs. Science of the Total Environment, 2022, 816, 151573.	8.0	9
3	Evaluation of contribution rate of the infiltrated water collected using zero-tension lysimeter to the downward migration of 137Cs derived from the FDNPP accident in a cedar forest soil. Science of the Total Environment, 2022, 816, 151983.	8.0	2
4	Factors Controlling the Dissolved ¹³⁷Cs Seasonal Fluctuations in the Abukuma River Under the Influence of the Fukushima Nuclear Power Plant Accident. Journal of Geophysical Research G: Biogeosciences, 2022, 127, e2021JG006591.	3.0	6
5	Understory biomass measurement in a dense plantation forest based on drone-SfM data by a manual low-flying drone under the canopy. Journal of Environmental Management, 2022, 312, 114862.	7.8	9
6	Distribution of radiocesium and its controlling factors under the Japanese cedar canopies. Journal of Environmental Management, 2022, 314, 115064.	7.8	0
7	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
8	Evaluating changes in catchmentâ€scale evapotranspiration after 50% stripâ€thinning in a headwater catchment. Hydrological Processes, 2022, 36, .	2.6	3
9	Persistent impact of Fukushima decontamination on soil erosion and suspended sediment. Nature Sustainability, 2022, 5, 879-889.	23.7	11
10	Stream Temperature Response to 50% Strip-Thinning in a Temperate Forested Headwater Catchment. Water (Switzerland), 2021, 13, 1022.	2.7	8
11	Impacts of freeze-thaw processes and subsequent runoff on 137Cs washoff from bare land in Fukushima. Science of the Total Environment, 2021, 769, 144706.	8.0	3
12	Radionuclide contamination in flood sediment deposits in the coastal rivers draining the main radioactive pollution plume of Fukushima Prefecture, Japan (2011â€“2020). Earth System Science Data, 2021, 13, 2555-2560.	9.9	12
13	Scots pine stands biomass assessment using 3D data from unmanned aerial vehicle imagery in the Chernobyl Exclusion Zone. Journal of Environmental Management, 2021, 295, 113319.	7.8	7
14	Radiocesium leaching from litter during rainstorms in the Fukushima broadleaf forest. Science of the Total Environment, 2021, 796, 148929.	8.0	7
15	Effect of forest thinning on hydrologic nitrate exports from a N-saturated plantation. Journal of Forestry Research, 2020, 31, 387-395.	3.6	3
16	Impact of forest thinning on the dynamics of litterfall derived 137Cs deposits in coniferous forest floor after Fukushima accident. Chemosphere, 2020, 239, 124777.	8.2	8
17	Impact of wildfire on 137Cs and 90Sr wash-off in heavily contaminated forests in the Chernobyl exclusion zone. Environmental Pollution, 2020, 259, 113764.	7.5	16
18	Dynamics of radionuclide activity concentrations in weed leaves, crops and of air dose rate after the Fukushima Daiichi Nuclear Power Plant accident. Journal of Environmental Radioactivity, 2020, 222, 106347.	1.7	14

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19	Soil and vegetation sampling during the early stage of Fukushima Daiichi Nuclear Power Plant accident and the implication for the emergency preparedness for agricultural systems. Journal of Environmental Radioactivity, 2020, 223-224, 106373.	1.7	6
20	Simulating dissolved 90Sr concentrations within a small catchment in the Chernobyl Exclusion Zone using a parametric hydrochemical model. Scientific Reports, 2020, 10, 9818.	3.3	4
21	Rain-induced bioecological resuspension of radiocaesium in a polluted forest in Japan. Scientific Reports, 2020, 10, 15330.	3.3	10
22	Radionuclides from the Fukushima Daiichi Nuclear Power Plant in terrestrial systems. Nature Reviews Earth & Environment, 2020, 1, 644-660.	29.7	94
23	Differences in leaching characteristics of dissolved radiocaesium and potassium from the litter layer of Japanese cedar and broadleaf forests in Fukushima, Japan. Journal of Environmental Radioactivity, 2020, 223-224, 106417.	1.7	5
24	Spatial variation and radiocesium flux of litterfall in hardwood-pine mixed forest and cedar plantations based on long-term monitoring data. Journal of Radioanalytical and Nuclear Chemistry, 2020, 326, 1491-1504.	1.5	3
25	Sampling, analysis and modelling technologies for large-scale nuclear emergencies affecting food and agriculture. Journal of Environmental Radioactivity, 2020, 218, 106174.	1.7	1
26	Impacts of direct release and river discharge on oceanic 137Cs derived from the Fukushima Dai-ichi Nuclear Power Plant accident. Journal of Environmental Radioactivity, 2020, 214-215, 106173.	1.7	19
27	Dataset on the 6-year radiocesium transport in rivers near Fukushima Daiichi nuclear power plant. Scientific Data, 2020, 7, 433.	5.3	8
28	Environmental Dynamics of Radiocaesium and Long-term Prediction of Transfer in Terrestrial Environmentâ€"Transfer and Cycling of Radiocaesium in Forest Environmentâ€". Radioisotopes, 2020, 69, 67-77.	0.2	1
29	Ocean Transport of Radioactive Materials. , 2019, , 128-166.		0
30	Diffusion and Deposition of Radioactive Materials in the Terrestrial Environment. , 2019, , 167-212.		0
31	Recommendations for the Fukushima Project from Foreign Scientists. , 2019, , 328-334.		0
32	Land use types control solid wash-off rate and entrainment coefficient of Fukushima-derived 137Cs, and their time dependence. Journal of Environmental Radioactivity, 2019, 210, 105990.	1.7	24
33	Influence of subsurface flow by Lidar DEMs and physical soil strength considering a simple hydrologic concept for shallow landslide instability mapping. Catena, 2019, 182, 104137.	5.0	11
34	Six-year monitoring study of 137Cs discharge from headwater catchments after the Fukushima Dai-ichi Nuclear Power Plant accident. Journal of Environmental Radioactivity, 2019, 210, 106001.	1.7	21
35	Preface: Integration of knowledge on the radiological environment around the Fukushima Nuclear Power Plant site over a period of six years. Journal of Environmental Radioactivity, 2019, 210, 106003.	1.7	2
36	Repeatability and reproducibility of measurements of low dissolved radiocesium concentrations in freshwater using different pre-concentration methods. Journal of Radioanalytical and Nuclear Chemistry, 2019, 322, 477-485.	1.5	5

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37	Factors controlling dissolved 137Cs concentrations in east Japanese Rivers. Science of the Total Environment, 2019, 697, 134093.	8.0	23
38	Transport and Redistribution of Radiocesium in Fukushima Fallout through Rivers. Environmental Science & Technology, 2019, 53, 12339-12347.	10.0	90
39	Reconstruction of a Fukushima accident-derived radiocesium fallout map for environmental transfer studies. Journal of Environmental Radioactivity, 2019, 210, 105996.	1.7	58
40	Using spectrocolourimetry to trace sediment source dynamics in coastal catchments draining the main Fukushima radioactive pollution plume (2011â€“2017). Journal of Soils and Sediments, 2019, 19, 3290-3301.	3.0	18
41	Method for detecting and characterising actinide-bearing micro-particles in soils and sediment of the Fukushima Prefecture, Japan. Journal of Radioanalytical and Nuclear Chemistry, 2019, 321, 57-69.	1.5	6
42	Groundwater age and mixing process for evaluation of radionuclide impact on water resources following the Fukushima Dai-ichi nuclear power plant accident. Journal of Contaminant Hydrology, 2019, 223, 103474.	3.3	15
43	Reconstruction of uranium and plutonium isotopic signatures in sediment accumulated in the Mano Dam reservoir, Japan, before and after the Fukushima nuclear accident. Chemosphere, 2019, 225, 849-858.	8.2	20
44	Dissolved 137Cs concentrations in stream water and subsurface water in a forested headwater catchment after the Fukushima Dai-ichi Nuclear Power Plant accident. Journal of Hydrology, 2019, 573, 688-696.	5.4	15
45	Effectivity of dissolved SF₆ tracer for clarification of rainfallâ€“runoff processes in a forested headwater catchment. Hydrological Processes, 2019, 33, 892-904.	2.6	9
46	Assessing spatially distributed infiltration capacity to evaluate storm runoff in forested catchments: Implications for hydrological connectivity. Science of the Total Environment, 2019, 669, 148-159.	8.0	25
47	Factors controlling the variability of 137Cs concentrations in 5 coastal rivers around Fukushima Dai-ichi power plant. Journal of Environmental Radioactivity, 2019, 204, 1-11.	1.7	11
48	Environmental DNA provides information on sediment sources: A study in catchments affected by Fukushima radioactive fallout. Science of the Total Environment, 2019, 665, 873-881.	8.0	37
49	Temporal changes of the ambient dose rate in the forest environments of Fukushima Prefecture following the Fukushima reactor accident. Journal of Environmental Radioactivity, 2019, 210, 106058.	1.7	3
50	Six-year monitoring study of radiocesium transfer in forest environments following the Fukushima nuclear power plant accident. Journal of Environmental Radioactivity, 2019, 210, 105817.	1.7	44
51	Six-year monitoring of the vertical distribution of radiocesium in three forest soils after the Fukushima Dai-ichi Nuclear Power Plant accident. Journal of Environmental Radioactivity, 2019, 210, 105811.	1.7	9
52	Radiocarbon and radiocesium in litter fall at Kawamata,â€‰~â€‰45Âkm NW from the Fukushima Dai-ichi nuclear power plant (Japan). Journal of Radioanalytical and Nuclear Chemistry, 2019, 319, 1093-1101.	1.5	5
53	Temporal Change in Radiological Environments on Land after the Fukushima Daiichi Nuclear Power Plant Accident. Journal of Radiation Protection and Research, 2019, 44, 128-148.	0.6	11
54	Effect of canopy openness and meteorological factors on spatial variability of throughfall isotopic composition in a Japanese cypress plantation. Hydrological Processes, 2018, 32, 1038-1049.	2.6	5

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55	Radiocesium migration in the litter layer of different forest types in Fukushima, Japan. Journal of Environmental Radioactivity, 2018, 187, 81-89.	1.7	21
56	The seasonal variations of atmospheric 134,137Cs activity and possible host particles for their resuspension in the contaminated areas of Tsushima and Yamakiya, Fukushima, Japan. Progress in Earth and Planetary Science, 2018, 5, .	3.0	28
57	Downward migration of radiocesium in an abandoned paddy soil after the Fukushima Dai-ichi Nuclear Power Plant accident. Journal of Environmental Radioactivity, 2018, 182, 157-164.	1.7	23
58	Plutonium isotopic signatures in soils and their variation (2011-2014) in sediment transiting a coastal river in the Fukushima Prefecture, Japan. Environmental Pollution, 2018, 240, 167-176.	7.5	16
59	Radiocesium concentrations in soil and leaf after decontamination practices in a forest plantation highly polluted by the Fukushima accident. Environmental Pollution, 2018, 239, 448-456.	7.5	17
60	Effect of seepage on shallow landslides in consideration of changes in topography: Case study including an experimental sandy slope with artificial rainfall. Catena, 2018, 161, 50-62.	5.0	56
61	Source dynamics of radiocesium-contaminated particulate matter deposited in an agricultural water reservoir after the Fukushima nuclear accident. Science of the Total Environment, 2018, 612, 1079-1090.	8.0	25
62	Spatial pattern of atmospherically deposited radiocesium on the forest floor in the early phase of the Fukushima Daiichi Nuclear Power Plant accident. Science of the Total Environment, 2018, 615, 187-196.	8.0	34
63	Natural attenuation of Fukushima-derived radiocesium in soils due to its vertical and lateral migration. Journal of Environmental Radioactivity, 2018, 186, 23-33.	1.7	31
64	Radioactive and stable cesium isotope distributions and dynamics in Japanese cedar forests. Journal of Environmental Radioactivity, 2018, 186, 34-44.	1.7	30
65	Shifts of radiocesium vertical profiles in sediments and their modelling in Japanese lakes. Science of the Total Environment, 2018, 615, 741-750.	8.0	12
66	Application of RFID to Soil-Erosion Research. Applied Sciences (Switzerland), 2018, 8, 2511.	2.5	6
67	Temporal changes of the ambient dose rate in the forest environments of Fukushima Prefecture following the Fukushima reactor accident. Journal of Environmental Radioactivity, 2018, 193-194, 20-26.	1.7	9
68	Spatial and temporal variation in vertical migration of dissolved 137Cs passed through the litter layer in Fukushima forests. Journal of Environmental Radioactivity, 2018, 192, 1-9.	1.7	17
69	Effects of slope gradient on runoff from bare-fallow purple soil in China under natural rainfall conditions. Journal of Mountain Science, 2018, 15, 738-751.	2.0	13
70	Determining the initial Fukushima reactor accident-derived cesium-137 fallout in forested areas of municipalities in Fukushima Prefecture. Journal of Forest Research, 2018, 23, 73-84.	1.4	19
71	Six-year monitoring of the vertical distribution of radiocesium in three forest soils after the Fukushima Dai-ichi Nuclear Power Plant accident. Journal of Environmental Radioactivity, 2018, 192, 172-180.	1.7	47
72	A database of water and heat observations over grassland in the north-east of Japan. Earth System Science Data, 2018, 10, 2295-2309.	9.9	4

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73	The Role of Scientist on the Study of Environmental Behavior of Fallout Radionuclides Derived from Fukushima Daiichi Npp Accident. Trends in the Sciences, 2018, 23, 3_10-3_17.	0.0	1
74	Temporal changes in dissolved 137Cs concentrations in groundwater and stream water in Fukushima after the Fukushima Dai-ichi Nuclear Power Plant accident. Journal of Environmental Radioactivity, 2017, 166, 458-465.	1.7	49
75	Temporal changes in radiocesium deposition in various forest stands following the Fukushima Dai-ichi Nuclear Power Plant accident. Journal of Environmental Radioactivity, 2017, 166, 449-457.	1.7	112
76	Radiocesium distribution and fluxes in the typical Cryptomeria japonica forest at the late stage after the accident at Fukushima Dai-Ichi Nuclear Power Plant. Journal of Environmental Radioactivity, 2017, 166, 45-55.	1.7	50
77	Effect of tree thinning and skidding trails on hydrological connectivity in two Japanese forest catchments. Geomorphology, 2017, 292, 104-114.	2.6	37
78	The impact of typhoons on sediment connectivity: lessons learnt from contaminated coastal catchments of the Fukushima Prefecture (Japan). Earth Surface Processes and Landforms, 2017, 42, 306-317.	2.5	65
79	Internal exposure to neutron-activated 56Mn dioxide powder in Wistar rats: partÂ1: dosimetry. Radiation and Environmental Biophysics, 2017, 56, 47-54.	1.4	15
80	Preface to a special issue â€œJapanese national mapping projects on large-scale environmental monitoring and mapping in Fukushima volume 2â€• Journal of Environmental Radioactivity, 2017, 166, 417-418.	1.7	5
81	Effect of topsoil removal and selective countermeasures on radiocesium accumulation in rice plants in Fukushima paddy field. Science of the Total Environment, 2017, 603-604, 49-56.	8.0	3
82	Change in evapotranspiration partitioning after thinning in a Japanese cypress plantation. Trees - Structure and Function, 2017, 31, 1411-1421.	1.9	17
83	Spatio-temporal streamflow generation in a small, steep headwater catchment in western Japan. Hydrological Sciences Journal, 2017, 62, 818-829.	2.6	6
84	Particulate organic matter in rivers of Fukushima: An unexpected carrier phase for radiocesiums. Science of the Total Environment, 2017, 579, 1560-1571.	8.0	43
85	Vertical distribution and temporal dynamics of dissolved 137Cs concentrations in soil water after the Fukushima Dai-ichi Nuclear Power Plant accident. Environmental Pollution, 2017, 230, 1090-1098.	7.5	21
86	Estimation of throughfall with changing stand structures for Japanese cypress and cedar plantations. Forest Ecology and Management, 2017, 402, 145-156.	3.2	29
87	Contribution of radioactive 137Cs discharge by suspended sediment, coarse organic matter, and dissolved fraction from a headwater catchment in Fukushima after the Fukushima Dai-ichi Nuclear Power Plant accident. Journal of Environmental Radioactivity, 2017, 166, 466-474.	1.7	66
88	Improving transfer functions to describe radiocesium wash-off fluxes for the Niida River by a Bayesian approach. Journal of Environmental Radioactivity, 2017, 167, 100-109.	1.7	7
89	Comparing root water uptake profile estimations from an isotope-calibrated mechanistic model and a mixing model. Hydrological Research Letters, 2017, 11, 161-167.	0.5	3
90	Comparison of Concentration Methods for Low-level Radiocesium in Fresh Water. Bunseki Kagaku, 2017, 66, 299-307.	0.2	1

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91	Effects of Thinning on Flow Peaks in a Forested Headwater Catchment in Western Japan. Water (Switzerland), 2017, 9, 446.	2.7	2
92	Rainfall erosivity in catchments contaminated with fallout from the Fukushima Daiichi nuclear power plant accident. Hydrology and Earth System Sciences, 2016, 20, 2467-2482.	4.9	42
93	Vertical distribution of radiocesium in soils of the area affected by the Fukushima Dai-ichi nuclear power plant accident. Eurasian Soil Science, 2016, 49, 570-580.	1.6	30
94	Radiocaesium partitioning in Japanese cedar forests following the â€œearlyâ€•phase of Fukushima fallout redistribution. Scientific Reports, 2016, 6, 37618.	3.3	43
95	Do forests represent a long-term source of contaminated particulate matter in the Fukushima Prefecture?. Journal of Environmental Management, 2016, 183, 742-753.	7.8	50
96	Effects of soil depth and subsurface flow along the subsurface topography on shallow landslide predictions at the site of a small granitic hillslope. Geomorphology, 2016, 271, 40-54.	2.6	25
97	Evaluation of forest decontamination using radiometric measurements. Journal of Environmental Radioactivity, 2016, 164, 133-144.	1.7	16
98	Quantifying the dilution of the radiocesium contamination in Fukushima coastal river sediment (2011â€“2015). Scientific Reports, 2016, 6, 34828.	3.3	24
99	Suspended-sediment responses after strip thinning in headwater catchments. Landscape and Ecological Engineering, 2016, 12, 197-208.	1.5	13
100	Investigating the source of radiocesium contaminated sediment in two Fukushima coastal catchments with sediment tracing techniques. Anthropocene, 2016, 13, 57-68.	3.3	26
101	DHPT 1.0: New software for automatic analysis of canopy closure from under-exposed and over-exposed digital hemispherical photographs. Computers and Electronics in Agriculture, 2016, 125, 39-47.	7.7	8
102	Temporal changes of radiocesium in irrigated paddy fields and its accumulation in rice plants in Fukushima. Environmental Pollution, 2016, 208, 562-570.	7.5	21
103	Immediate change in throughfall spatial distribution and canopy water balance after heavy thinning in a dense mature Japanese cypress plantation. Ecohydrology, 2016, 9, 300-314.	2.4	36
104	Time Dependence of the ¹³⁷Cs Concentration in Particles Discharged from Rice Paddies to Freshwater Bodies after the Fukushima Daiichi NPP Accident. Environmental Science & Technology, 2016, 50, 4186-4193.	10.0	26
105	Small scale temporal distribution of radiocesium in undisturbed coniferous forest soil: Radiocesium depth distribution profiles. Journal of Environmental Management, 2016, 170, 97-104.	7.8	19
106	Behaviour of radiocaesium in coastal rivers of the Fukushima Prefecture (Japan) during conditions of low flow and low turbidity â€“ Insight on the possible role of small particles and detrital organic compounds. Journal of Environmental Radioactivity, 2016, 151, 328-340.	1.7	36
107	The effect of strip thinning on forest floor evaporation in a Japanese cypress plantation. Agricultural and Forest Meteorology, 2016, 216, 48-57.	4.8	26
108	Behavior of accidentally released radiocesium in soilâ€“water environment: Looking at Fukushima from a Chernobyl perspective. Journal of Environmental Radioactivity, 2016, 151, 568-578.	1.7	87

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109	Migration Behavior of Particulate 129I in the Niida River System. , 2016, , 57-63.		1
110	Assessment of error in sediment core sampling in lakes using radiocesium derived from the Fukushima Nuclear Accident. Japanese Journal of Limnology, 2016, 78, 67-74.	0.1	3
111	Immobilisation of radiocesium in stemwood and the effect of the removal treatment of organic horizon. Journal of the Japanese Society of Revegetation Technology, 2016, 42, 128-133.	0.1	1
112	Peak flow responses to strip thinning in a nested, forested headwater catchment. Hydrological Processes, 2015, 29, 5098-5108.	2.6	10
113	Interaction between runoff â€“ bedrock groundwater in a steep headwater catchment underlain by sedimentary bedrock fractured by gravitational deformation. Hydrological Processes, 2015, 29, 4398-4412.	2.6	15
114	Influence of strip thinning on nutrient outflow concentrations from plantation forested watersheds. Hydrological Processes, 2015, 29, 5109-5119.	2.6	6
115	Sediment-Associated Radiocesium Originated from Fukushima Daiichi Nuclear Power Plant Flowing from Ohori River to Lake Teganuma. Journal of Water and Environment Technology, 2015, 13, 249-261.	0.7	12
116	A Nitrogen-Saturated Plantation of Cryptomeria japonica and Chamaecyparis obtusa in Japan Is a Large Nonpoint Nitrogen Source. Journal of Environmental Quality, 2015, 44, 1225-1232.	2.0	14
117	Effect of topography and soil parameterisation representing soil thicknesses on shallow landslide modelling. Quaternary International, 2015, 384, 91-106.	1.5	25
118	The effect of strip thinning on spatial and temporal variability of throughfall in a Japanese cypress plantation. Hydrological Processes, 2015, 29, 5058-5070.	2.6	23
119	Equation to predict the 137Cs leaching dynamic from evergreen canopies after a radio-cesium deposit. Journal of Environmental Radioactivity, 2015, 147, 100-107.	1.7	29
120	Size distribution studies of 137Cs in river water in the Abukuma Riverine system following the Fukushima Dai-ichi Nuclear Power Plant accident. Journal of Environmental Radioactivity, 2015, 139, 379-389.	1.7	104
121	Depth distribution of cesium-137 in paddy fields across the Fukushima pollution plume in 2013. Journal of Environmental Radioactivity, 2015, 147, 157-164.	1.7	36
122	Effect of strip thinning on rainfall interception in a Japanese cypress plantation. Journal of Hydrology, 2015, 525, 607-618.	5.4	40
123	An extensive study of the concentrations of particulate/dissolved radiocaesium derived from the Fukushima Dai-ichi Nuclear Power Plant accident in various river systems and their relationship with catchment inventory. Journal of Environmental Radioactivity, 2015, 139, 370-378.	1.7	100
124	Radiocesium transfer from hillslopes to the Pacific Ocean after the Fukushima Nuclear Power Plant accident: A review. Journal of Environmental Radioactivity, 2015, 148, 92-110.	1.7	143
125	Outline of the national mapping projects implemented after the Fukushima accident. Journal of Environmental Radioactivity, 2015, 139, 240-249.	1.7	59
126	Evaluation of radiocaesium wash-off by soil erosion from various land uses using USLE plots. Journal of Environmental Radioactivity, 2015, 139, 362-369.	1.7	76

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127	Atmospheric ²¹⁰Pb as a tracer for soil organic carbon transport in a coniferous forest. Environmental Sciences: Processes and Impacts, 2015, 17, 110-119.	3.5	11
128	Soil sampling and analytical strategies for mapping fallout in nuclear emergencies based on the Fukushima Dai-ichi Nuclear Power Plant accident. Journal of Environmental Radioactivity, 2015, 139, 300-307.	1.7	65
129	Detailed deposition density maps constructed by large-scale soil sampling for gamma-ray emitting radioactive nuclides from the Fukushima Dai-ichi Nuclear Power Plant accident. Journal of Environmental Radioactivity, 2015, 139, 308-319.	1.7	244
130	Vertical distribution and temporal changes of 137 Cs in soil profiles under various land uses after the Fukushima Dai-ichi Nuclear Power Plant accident. Journal of Environmental Radioactivity, 2015, 139, 351-361.	1.7	146
131	Infiltration Capacity and Runoff Characteristics of a Forest Road. Journal of the Japanese Forest Society, 2014, 96, 315-322.	0.2	6
132	Radiocesium discharge from paddy fields with different initial scrapings for decontamination after the Fukushima Dai-ichi Nuclear Power Plant accident. Environmental Sciences: Processes and Impacts, 2014, 16, 2580-2591.	3.5	22
133	The use of RFID in soilâ€erosion research. Earth Surface Processes and Landforms, 2014, 39, 1693-1696.	2.5	4
134	Soil removal as a decontamination practice and radiocesium accumulation in tadpoles in rice paddies at Fukushima. Environmental Pollution, 2014, 187, 112-115.	7.5	44
135	Environmental mobility of 110mAg: lessons learnt from Fukushima accident (Japan) and potential use for tracking the dispersion of contamination within coastal catchments. Journal of Environmental Radioactivity, 2014, 130, 44-55.	1.7	34
136	Partitioning of the total evapotranspiration in a Japanese cypress plantation during the growing season. Ecohydrology, 2014, 7, 1042-1053.	2.4	29
137	Modeling of leachable 137Cs in throughfall and stemflow for Japanese forest canopies after Fukushima Daiichi Nuclear Power Plant accident. Science of the Total Environment, 2014, 493, 701-707.	8.0	59
138	Vertical distribution of radiocesium in coniferous forest soil after the Fukushima nuclear power plant accident. Journal of Environmental Radioactivity, 2014, 137, 37-45.	1.7	57
139	The effect of strip thinning on tree transpiration in a Japanese cypress (Chamaecyparis obtusa Endl.) plantation. Agricultural and Forest Meteorology, 2014, 197, 123-135.	4.8	39
140	Plot-scale study of surface runoff on well-covered forest floors under different canopy species. Quaternary International, 2014, 344, 75-85.	1.5	46
141	Incident rainfall partitioning and canopy interception modeling for an abandoned Japanese cypress stand. Journal of Forest Research, 2014, 19, 317-328.	1.4	36
142	Relationship between particle size and radiocesium in fluvial suspended sediment related to the Fukushima Daiichi Nuclear Power Plant accident. Journal of Radioanalytical and Nuclear Chemistry, 2014, 301, 607-613.	1.5	25
143	Novel Insights into Fukushima Nuclear Accident from Isotopic Evidence of Plutonium Spread along Coastal Rivers. Environmental Science & Technology, 2014, 48, 9334-9340.	10.0	37
144	Characterization of the groundwater response to rainfall on a hillslope with fractured bedrock by creep deformation and its implication for the generation of deep-seated landslides on Mt. Wanitsuka, Kyushu Island. Geomorphology, 2014, 204, 444-458.	2.6	29

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145	The role of litterfall in transferring Fukushima-derived radiocesium to a coniferous forest floor. Science of the Total Environment, 2014, 490, 435-439.	8.0	72
146	Importance of interdisciplinary big funding for hydrology and water resource studies. Suimon Mizu Shigen Gakkaishi, 2014, 27, 5-6.	0.1	1
147	Relation between Infiltration Rate, Cover Material and Hydraulic Conductivity of Forest Soils in Japanese Cedar and Hiba Arborvitae Plantation Forests. Suimon Mizu Shigen Gakkaishi, 2014, 27, 125-134.	0.1	5
148	Renewed soil erosion and remobilisation of radioactive sediment in Fukushima coastal rivers after the 2013 typhoons. Scientific Reports, 2014, 4, 4574.	3.3	45
149	Sediment particle size and initial radiocesium accumulation in ponds following the Fukushima DNPP accident. Scientific Reports, 2014, 4, 4514.	3.3	34
150	Initial flux of sediment-associated radiocesium to the ocean from the largest river impacted by Fukushima Daiichi Nuclear Power Plant. Scientific Reports, 2014, 4, 3714.	3.3	124
151	Temporal changes in the transfer of accidentally released 137Cs from tree crowns to the forest floor after the Fukushima Daiichi Nuclear Power Plant accident. Progress in Nuclear Science and Technology, 2014, 4, 18-22.	0.3	24
152	Local distribution of radioactivity in tree leaves contaminated by fallout of the radionuclides emitted from the Fukushima Daiichi Nuclear Power Plant. Journal of Radioanalytical and Nuclear Chemistry, 2013, 295, 2007-2014.	1.5	51
153	Temporal variations of reservoir sediment sources in a small mountainous catchment in Korea. Earth Surface Processes and Landforms, 2013, 38, 1380-1392.	2.5	3
154	The relationship of soil organic carbon to 210Pbex and 137Cs during surface soil erosion in a hillslope forested environment. Geoderma, 2013, 192, 59-67.	5.1	35
155	Tracking the early dispersion of contaminated sediment along rivers draining the Fukushima radioactive pollution plume. Anthropocene, 2013, 1, 23-34.	3.3	90
156	Effect of canopy interception on spatial variability and isotopic composition of throughfall in Japanese cypress plantations. Journal of Hydrology, 2013, 504, 1-11.	5.4	49
157	Evolution of radioactive dose rates in fresh sediment deposits along coastal rivers draining Fukushima contamination plume. Scientific Reports, 2013, 3, 3079.	3.3	51
158	Analysis of Overland Flow Generation and Catchment Storm Runoff Using a Distributed Runoff Model in a Headwater Catchment Draining Japanese Cypress Forest. Journal of the Japanese Forest Society, 2013, 95, 23-31.	0.2	3
159	Investigation of Spatial Distribution of Radiocesium in a Paddy Field as a Potential Sink. PLoS ONE, 2013, 8, e80794.	2.5	31
160	Establishment of the Soil Sampling Protocol. Radioisotopes, 2013, 62, 767-773.	0.2	2
161	Migration of Radiocaesium with Litterfall in Hardwood-Japanese Red Pine Mixed Forest and Sugi Plantation. Journal of the Japanese Forest Society, 2013, 95, 267-274.	0.2	23
162	Predicting Hydrographs for an Extremely Large Storm Event Using Tank Models Calibrated by Ordinary Storm Events. Suimon Mizu Shigen Gakkaishi, 2013, 26, 85-98.	0.1	2

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163	Current Status of Radionuclides in Forest and Their Transfer. Trends in the Sciences, 2013, 18, 6_72-6_77.	0.0	0
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