

# Shinta Ohashi

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

473  
citations

840776

11  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

411  
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporal changes in the radiocesium distribution in forests over the five years after the Fukushima Daiichi Nuclear Power Plant accident. <i>Scientific Reports</i> , 2017, 7, 8179.	3.3	102
2	Characteristics of initial deposition and behavior of radiocesium in forest ecosystems of different locations and species affected by the Fukushima Daiichi Nuclear Power Plant accident. <i>Journal of Environmental Radioactivity</i> , 2016, 161, 2-10.	1.7	60
3	Radial and vertical distributions of radiocesium in tree stems of <i>Pinus densiflora</i> and <i>Quercus serrata</i> 1.5Åy after the Fukushima nuclear disaster. <i>Journal of Environmental Radioactivity</i> , 2014, 134, 54-60.	1.7	47
4	Detecting invisible growth rings of trees in seasonally dry forests in Thailand: isotopic and wood anatomical approaches. <i>Trees - Structure and Function</i> , 2009, 23, 813-822.	1.9	45
5	Temporal trends in <sup>137</sup> Cs concentrations in the bark, sapwood, heartwood, and whole wood of four tree species in Japanese forests from 2011 to 2016. <i>Journal of Environmental Radioactivity</i> , 2017, 178-179, 335-342.	1.7	39
6	New predictions of <sup>137</sup> Cs dynamics in forests after the Fukushima nuclear accident. <i>Scientific Reports</i> , 2020, 10, 29.	3.3	28
7	Seasonal variations in the stable oxygen isotope ratio of wood cellulose reveal annual rings of trees in a Central Amazon terra firme forest. <i>Oecologia</i> , 2016, 180, 685-696.	2.0	25
8	Dynamics of Radiocesium in Forest Ecosystems Affected by the Fukushima Daiichi Nuclear Power Plant Accident:. <i>Journal of the Japanese Forest Society</i> , 2015, 97, 33-43.	0.2	22
9	Calibration of forest <sup>137</sup> Cs cycling model “FoRothCs” via approximate Bayesian computation based on 6-year observations from plantation forests in Fukushima. <i>Journal of Environmental Radioactivity</i> , 2018, 193-194, 82-90.	1.7	19
10	Vessel feature changes as a tool for detecting annual rings in tropical trees. <i>Trees - Structure and Function</i> , 2014, 28, 137-149.	1.9	13
11	Assessment of vertical radiocesium transfer in soil via roots. <i>Journal of Environmental Radioactivity</i> , 2020, 222, 106369.	1.7	12
12	Tracing radioactive cesium in stem wood of three Japanese conifer species 3Åyears after the Fukushima Dai-ichi Nuclear Power Plant accident. <i>Journal of Wood Science</i> , 2020, 66, .	1.9	12
13	A dataset of <sup>137</sup> Cs activity concentration and inventory in forests contaminated by the Fukushima accident. <i>Scientific Data</i> , 2020, 7, 431.	5.3	10
14	Radiocesium Migration from the Canopy to the Forest Floor in Pine and Deciduous Forests. <i>Journal of the Japanese Forest Society</i> , 2015, 97, 57-62.	0.2	9
15	Sorption and desorption experiments using stable cesium: considerations for radiocesium retention by fresh plant residues in Fukushima forest soils. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 329, 213-224.	1.5	8
16	Decadal trends in <sup>137</sup> Cs concentrations in the bark and wood of trees contaminated by the Fukushima nuclear accident. <i>Scientific Reports</i> , 2022, 12, .	3.3	7
17	Dynamics of radiocaesium within forests in Fukushima” results and analysis of a model inter-comparison. <i>Journal of Environmental Radioactivity</i> , 2021, 238-239, 106721.	1.7	6
18	Evaluation of <sup>137</sup> Cs accumulation by mushrooms and trees based on the aggregated transfer factor. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 303, 2379.	1.5	5

#	ARTICLE	IF	CITATIONS
19	Estimation of tree age in the humid tropics by vessel measurement: A preliminary study. <i>Tropics</i> , 2011, 19, 107-112.	0.8	4