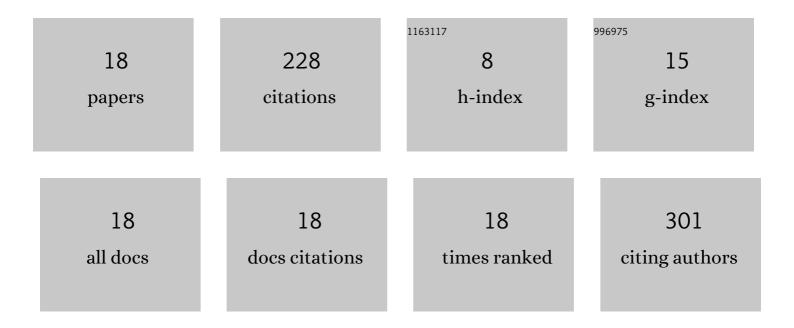
## Akira Osawa

List of Publications by Year in descending order

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AKIDA OSANAA

#	Article	IF	CITATIONS
1	A new approach to estimate fine root production, mortality, and decomposition using litter bag experiments and soil core techniques. Plant and Soil, 2012, 355, 167-181.	3.7	50
2	Individual-based measurement and analysis of root system development: case studies for Larix gmelinii trees growing on the permafrost region in Siberia. Journal of Forest Research, 2007, 12, 103-112.	1.4	31
3	Population changes of early successional forest species after shifting cultivation in Northwestern Vietnam. New Forests, 2011, 41, 247-262.	1.7	25
4	Species composition, biomass, and net primary productivity of mangrove forest in Okukubi River, Okinawa Island, Japan. Regional Studies in Marine Science, 2017, 12, 19-27.	0.7	23
5	Fine root dynamics after soil disturbance evaluated with a root scanner method. Plant and Soil, 2017, 419, 467-487.	3.7	16
6	Estimation of fine-root production using rates of diameter-dependent root mortality, decomposition and thickening in forests. Tree Physiology, 2016, 36, 513-523.	3.1	15
7	Size-dependent morphological and chemical property of fine root litter decomposition. Plant and Soil, 2015, 393, 283-295.	3.7	12
8	Quantification and Understanding of Above and Belowground Biomass in Medium Saline Zone of the Sundarbans, Bangladesh: The Relationships with Forest Attributes. Journal of Sustainable Forestry, 2020, 39, 331-345.	1.4	12
9	Decomposition rate of extraradical hyphae of arbuscular mycorrhizal fungi decreases rapidly over time and varies by hyphal diameter and season. Soil Biology and Biochemistry, 2019, 136, 107533.	8.8	10
10	Seasonal patterns of fine root dynamics and their contribution to net primary production in hinoki cypress (Chamaecyparis obtusa) and konara oak (Quercus serrata) forests. Trees - Structure and Function, 2021, 35, 255-271.	1.9	7
11	Comparison of biomass and net primary productivity among three species in a subtropical mangrove forest at Manko Wetland, Okinawa, Japan. Regional Studies in Marine Science, 2019, 25, 100475.	0.7	6
12	Phenology and litterfall production of <i>Bruguiera sexangula</i> (Lour.) Poir. in the Sundarbans mangrove forests, Bangladesh. Forest Science and Technology, 2019, 15, 165-172.	0.8	5
13	Soil conditions required for reaction wood formation of drunken trees in a continuous permafrost region. Arctic, Antarctic, and Alpine Research, 2020, 52, 47-59.	1.1	5
14	Recovery of Vegetation Structure and Species Diversity after Shifting Cultivation in Northwestern Vietnam, with Special Reference to Commercially Valuable Tree Species. ISRN Ecology, 2011, 2011, 1-12.	1.0	4
15	Fine roots: when anisotropy matters. Tree Physiology, 2017, 37, 693-696.	3.1	3
16	Evidence for the coupling of extraradical mycorrhizal hyphae production to plant C assimilation in Japanese warm-temperate forest of arbuscular mycorrhizal and ectomycorrhizal tree species. European Journal of Soil Biology, 2018, 88, 73-79.	3.2	2
17	Two-decadal trends in aboveground litterfall and net primary production in self-thinning <i>Pinus banksiana</i> stands in Wood Buffalo National Park, NWT, Canada. Scandinavian Journal of Forest Research, 2019, 34, 102-114.	1.4	1
18	Application of a u-w method for the detection of boreal forest response to environmental changes in Canada. Journal of Forest Research, 2021, 26, 303-313.	1.4	1