

Simeon John Smail

List of Publications by Year in descending order

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33
papers

594
citations

687363

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all docs

33
docs citations

33
times ranked

970
citing authors

#	ARTICLE	IF	CITATIONS
1	Reducing plant-derived ethylene concentrations increases the resistance of temperate grassland to drought. <i>Science of the Total Environment</i> , 2022, 846, 157408.	8.0	3
2	Manipulation of soil methane oxidation under drought stress. <i>Science of the Total Environment</i> , 2021, 757, 144089.	8.0	10
3	Impacts of forest harvest removal and fertiliser additions on end of rotation biomass, carbon and nutrient stocks of <i>Pinus radiata</i> . <i>Forest Ecology and Management</i> , 2021, 493, 119161.	3.2	11
4	Incorporation of NPP into forest CH ₄ efflux models. <i>Trends in Plant Science</i> , 2021, 26, 1210-1212.	8.8	1
5	Reduced fungicide use in the nursery improves post-planting productivity of <i>Pinus radiata</i> for at least six years. <i>Forest Ecology and Management</i> , 2020, 475, 118416.	3.2	0
6	Stakeholder valuation of soil ecosystem services from New Zealand's planted forests. <i>PLoS ONE</i> , 2019, 14, e0221291.	2.5	3
7	Understanding and Managing Social-Ecological Tipping Points in Primary Industries. <i>BioScience</i> , 2019, 69, 335-347.	4.9	21
8	Soil extractable organic C and N contents, methanotrophic activity under warming and degradation in a Tibetan alpine meadow. <i>Agriculture, Ecosystems and Environment</i> , 2019, 278, 6-14.	5.3	21
9	Climate change induced drought impacts on plant diseases in New Zealand. <i>Australasian Plant Pathology</i> , 2018, 47, 101-114.	1.0	24
10	Edaphic properties related with changes in diversity and composition of fungal communities associated with <i>Pinus radiata</i> . <i>Pedobiologia</i> , 2018, 66, 43-51.	1.2	8
11	Technical note: Manipulating interactions between plant stress responses and soil methane oxidation rates. <i>Biogeosciences</i> , 2018, 15, 4125-4129.	3.3	4
12	A review of soil carbon change in New Zealand's grazed grasslands. <i>New Zealand Journal of Agricultural Research</i> , 2017, 60, 93-118.	1.6	42
13	Effects of climate change on the delivery of soil-mediated ecosystem services within the primary sector in temperate ecosystems: a review and New Zealand case study. <i>Global Change Biology</i> , 2015, 21, 2844-2860.	9.5	36
14	New evidence indicates the coarse soil fraction is of greater relevance to plant nutrition than previously suggested. <i>Plant and Soil</i> , 2014, 374, 371-379.	3.7	10
15	The Right Tree for the Job? Perceptions of Species Suitability for the Provision of Ecosystem Services. <i>Environmental Management</i> , 2014, 53, 783-799.	2.7	13
16	Effects of induced drought and tilting on biomass allocation, wood properties, compression wood formation and chemical composition of young <i>Pinus radiata</i> genotypes (clones). <i>Holzforschung</i> , 2014, 68, 455-465.	1.9	13
17	Ethylene rather than dissolved organic carbon controls methane uptake in upland soils. <i>Global Change Biology</i> , 2014, 20, 2379-2380.	9.5	9
18	Coarse soil can enhance the availability of nutrients from fine soil. <i>Journal of Plant Nutrition and Soil Science</i> , 2014, 177, 848-850.	1.9	3

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19	Methane oxidation needs less stressed plants. Trends in Plant Science, 2013, 18, 657-659.	8.8	15
20	Fertilizer and fungicide use increases the abundance of less beneficial ectomycorrhizal species in a seedling nursery. Applied Soil Ecology, 2013, 65, 60-64.	4.3	14
21	Soil extractable carbon and nitrogen, microbial biomass and microbial metabolic activity in response to warming and increased precipitation in a semiarid Inner Mongolian grassland. Geoderma, 2013, 206, 24-31.	5.1	80
22	Warming Rather Than Increased Precipitation Increases Soil Recalcitrant Organic Carbon in a Semiarid Grassland after 6 Years of Treatments. PLoS ONE, 2013, 8, e53761.	2.5	9
23	A nutrient balance model (NuBalM) to predict biomass and nitrogen pools in Pinus radiata forests. Forest Ecology and Management, 2011, 262, 270-277.	3.2	13
24	Climate cues and resources interact to determine seed production by a masting species. Journal of Ecology, 2011, 99, 870-877.	4.0	102
25	Establishing native plants in a weedy riparian environment. New Zealand Journal of Marine and Freshwater Research, 2011, 45, 357-367.	2.0	7
26	Legacies of organic matter removal: decreased microbial biomass nitrogen and net N mineralization in New Zealand Pinus radiata plantations. Biology and Fertility of Soils, 2010, 46, 309-316.	4.3	10
27	Plantation management induces long-term alterations to bacterial phytohormone production and activity in bulk soil. Applied Soil Ecology, 2010, 45, 310-314.	4.3	18
28	Decomposition of <i>Nothofagus</i> wood in vitro and nutrient mobilization by fungi. Canadian Journal of Forest Research, 2009, 39, 2193-2202.	1.7	28
29	Effect of stem guying on the incidence of resin pockets. Forest Ecology and Management, 2009, 258, 1913-1917.	3.2	12
30	Inter-specific variation in foliar nutritional responses to disturbance by small coupe harvesting varies with landscape position. Forest Ecology and Management, 2009, 258, 2382-2387.	3.2	1
31	Postharvest organic matter removal effects on FH layer and mineral soil characteristics in four New Zealand Pinus radiata plantations. Forest Ecology and Management, 2008, 256, 558-563.	3.2	31
32	Nitrogen fertiliser effects on litter fall, FH layer and mineral soil characteristics in New Zealand Pinus radiata plantations. Forest Ecology and Management, 2008, 256, 564-569.	3.2	21
33	Protecting the unseen majority: Land cover and environmental factors linked with soil bacterial communities and functions in New Zealand. New Zealand Journal of Ecology, 0, , .	1.1	1