Clare H Robinson

List of Publications by Year
in descending order

39 papers	4,102 citations	257450 24 h-index	330143 37 g-index
39 all docs	39 docs citations	39 times ranked	5762 citing authors

#	Article	IF	Citations
1	Towards a microbial process-based understanding of the resilience of peatland ecosystem service provisioning â€“ A research agenda. Science of the Total Environment, 2021, 759, 143467.	8.0	15
2	Nitrogen addition alters composition, diversity, and functioning of microbial communities in mangrove soils: An incubation experiment. Soil Biology and Biochemistry, 2021, 153, 108076.	8.8	38
3	Specific arbuscular mycorrhizal fungalâ€“plant interactions determine radionuclide and metal transfer into <i>Plantago lanceolata</i>. Plants People Planet, 2021, 3, 667-678.	3.3	4
4	Recorded Mental Health Recovery Narratives as a Resource for People Affected by Mental Health Problems: Development of the Narrative Experiences Online (NEON) Intervention. JMIR Formative Research, 2021, 5, e24417.	1.4	29
5	A Previously Undescribed Helotialean Fungus That Is Superabundant in Soil Under Maritime Antarctic Higher Plants. Frontiers in Microbiology, 2020, 11, 615608.	3.5	4
6	Rootâ€associated fungi and carbon storage in Arctic ecosystems. New Phytologist, 2020, 226, 8-10.	7.3	3
7	Global change effects on plant communities are magnified by time and the number of global change factors imposed. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17867-17873.	7.1	141
8	Endemic and cosmopolitan fungal taxa exhibit differential abundances in total and active communities of Antarctic soils. Environmental Microbiology, 2019, 21, 1586-1596.	3.8	30
9	EB2017â€”Progress in Epidermolysis Bullosa Research toward Treatment and Cure. Journal of Investigative Dermatology, 2018, 138, 1010-1016.	0.7	45
10	Multiple environmental factors influence 238U, 232Th and 226Ra bioaccumulation in arbuscular mycorrhizal-associated plants. Science of the Total Environment, 2018, 640-641, 921-934.	8.0	7
11	Asynchrony among local communities stabilises ecosystem function of metacommunities. Ecology Letters, 2017, 20, 1534-1545.	6.4	136
12	Not poles apart: Antarctic soil fungal communities show similarities to those of the distant Arctic. Ecology Letters, 2016, 19, 528-536.	6.4	109
13	Radioactivity and the environment: technical approaches to understand the role of arbuscular mycorrhizal plants in radionuclide bioaccumulation. Frontiers in Plant Science, 2015, 6, 580.	3.6	16
14	Dr Juliet Camilla Frankland, 30th January 1929â€“9th June 2013. Fungal Ecology, 2013, 6, 464-465.	1.6	0
15	Global assessment of experimental climate warming on tundra vegetation: heterogeneity over space and time. Ecology Letters, 2012, 15, 164-175.	6.4	764
16	An arctic community of symbiotic fungi assembled by longâ€distance dispersers: phylogenetic diversity of ectomycorrhizal basidiomycetes in Svalbard based on soil and sporocarp DNA. Journal of Biogeography, 2012, 39, 74-88.	3.0	143
17	Decomposition of lignin in wheat straw in a sand-dune grassland. Soil Biology and Biochemistry, 2012, 45, 128-131.	8.8	25
18	Characterisation of cold-tolerant fungi from a decomposing High Arctic moss. Soil Biology and Biochemistry, 2011, 43, 1975-1979.	8.8	11

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19	Potential for monoterpenes to affect ectomycorrhizal and saprotrophic fungal activity in coniferous forests is revealed by novel experimental system. Soil Biology and Biochemistry, 2009, 41, 117-124.	8.8	12
20	Spatial distribution of fungal communities in a coastal grassland soil. Soil Biology and Biochemistry, 2009, 41, 414-416.	8.8	28
21	Distribution of monoterpenes between organic resources in upper soil horizons under monocultures of Picea abies, Picea sitchensis and Pinus sylvestris. Soil Biology and Biochemistry, 2009, 41, 1050-1059.	8.8	26
22	â€˜Decomposerâ€™ Basidiomycota in Arctic and Antarctic ecosystems. Soil Biology and Biochemistry, 2008, 40, 11-29.	8.8	62
23	Differential response of ectomycorrhizal and saprotrophic fungal mycelium from coniferous forest soils to selected monoterpenes. Soil Biology and Biochemistry, 2008, 40, 669-678.	8.8	24
24	Greater nitrogen and/or phosphorus availability increase plant speciesâ€™ cover and diversity at a High Arctic polar semidesert. Polar Biology, 2007, 30, 559-570.	1.2	50
25	From The Cover: Plant community responses to experimental warming across the tundra biome. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1342-1346.	7.1	1,060
26	Diversity and function of decomposer fungi from a grassland soil. Soil Biology and Biochemistry, 2006, 38, 7-20.	8.8	144
27	Does nitrogen deposition affect soil microfungal diversity and soil N and P dynamics in a high Arctic ecosystem?. Global Change Biology, 2004, 10, 1065-1079.	9.5	25
28	Enzyme production by Mycena galopus mycelium in artificial media and in Picea sitchensis F1 horizon needle litter. Mycological Research, 2003, 107, 996-1008.	2.5	33
29	Controls on decomposition and soil nitrogen availability at high latitudes. Plant and Soil, 2002, 242, 65-81.	3.7	113
30	Cold adaptation in Arctic and Antarctic fungi. New Phytologist, 2001, 151, 341-353.	7.3	475
31	The Arctic: Environment, People, Policy.. Journal of Ecology, 2001, 89, 1096-1097.	4.0	0
32	Mycorrhizal Symbiosis, 2nd edn.. Journal of Ecology, 1997, 85, 925.	4.0	317
33	Driven by Nature: Plant Litter Quality and Decomposition.. Journal of Ecology, 1997, 85, 733.	4.0	4
34	Methods in Soil Biology.. Journal of Ecology, 1997, 85, 404.	4.0	6
35	The role of abiotic factors, cultivation practices and soil fauna in the dispersal of genetically modified microorganisms in soils. Applied Soil Ecology, 1997, 5, 109-131.	4.3	45
36	Fungal communities on decaying wheat straw of different resource qualities. Soil Biology and Biochemistry, 1994, 26, 1053-1058.	8.8	48

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37	Nutrient and carbon dioxide release by interacting species of straw-decomposing fungi. Plant and Soil, 1993, 151, 139-142.	3.7	46
38	Resource capture by interacting fungal colonizers of straw. Mycological Research, 1993, 97, 547-558.	2.5	39
39	Earthworm communities of limed coniferous soils: Field observations and implications for forest management. Forest Ecology and Management, 1992, 55, 117-134.	3.2	25