

# Nicola J Day

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3897005/publications.pdf>

Version: 2024-02-01

25  
papers

1,356  
citations

623734

14  
h-index

580821

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2146  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inside the root microbiome: Bacterial root endophytes and plant growth promotion. <i>American Journal of Botany</i> , 2013, 100, 1738-1750.	1.7	500
2	Increasing wildfires threaten historic carbon sink of boreal forest soils. <i>Nature</i> , 2019, 572, 520-523.	27.8	293
3	Increasing fire and the decline of fire adapted black spruce in the boreal forest. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	107
4	Wildfire severity reduces richness and alters composition of soil fungal communities in boreal forests of western Canada. <i>Global Change Biology</i> , 2019, 25, 2310-2324.	9.5	72
5	Cross-scale controls on carbon emissions from boreal forest megafires. <i>Global Change Biology</i> , 2018, 24, 4251-4265.	9.5	60
6	Soil organic layer combustion in boreal black spruce and jack pine stands of the Northwest Territories, Canada. <i>International Journal of Wildland Fire</i> , 2018, 27, 125.	2.4	48
7	Community-level flammability declines over 25 years of plant invasion in grasslands. <i>Journal of Ecology</i> , 2018, 106, 1582-1594.	4.0	28
8	Temporal dynamics of plant-soil feedback and root-associated fungal communities over 100 years of invasion by a non-native plant. <i>Journal of Ecology</i> , 2015, 103, 1557-1569.	4.0	25
9	Fungi from a non-native invasive plant increase its growth but have different growth effects on native plants. <i>Biological Invasions</i> , 2016, 18, 231-243.	2.4	25
10	Fire characteristics and environmental conditions shape plant communities via regeneration strategy. <i>Ecography</i> , 2020, 43, 1464-1474.	4.5	24
11	Annual dynamics and resilience in post-fire boreal understory vascular plant communities. <i>Forest Ecology and Management</i> , 2017, 401, 264-272.	3.2	20
12	Invasion patterns across multiple scales by <i>Hieracium</i> species over 25 years in tussock grasslands of New Zealand's South Island. <i>Austral Ecology</i> , 2011, 36, 559-570.	1.5	18
13	Patterns of Ecosystem Structure and Wildfire Carbon Combustion Across Six Ecoregions of the North American Boreal Forest. <i>Frontiers in Forests and Global Change</i> , 2020, 3, .	2.3	18
14	Changes in arbuscular mycorrhizal fungal communities during invasion by an exotic invasive plant. <i>Acta Oecologica</i> , 2015, 67, 66-74.	1.1	16
15	Twenty-five years of plant community dynamics and invasion in New Zealand tussock grasslands. <i>Austral Ecology</i> , 2013, 38, 688-699.	1.5	15
16	Edaphic factors and feedback do not limit range expansion of an exotic invasive plant. <i>Plant Ecology</i> , 2015, 216, 133-141.	1.6	15
17	Identifying Functional Impacts of Heat-Resistant Fungi on Boreal Forest Recovery After Wildfire. <i>Frontiers in Forests and Global Change</i> , 2020, 3, .	2.3	15
18	Chemical Similarity of Co-occurring Trees Decreases With Precipitation and Temperature in North American Forests. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	13

#	ARTICLE	IF	CITATIONS
19	Measuring change in biological communities: multivariate analysis approaches for temporal datasets with low sample size. PeerJ, 2021, 9, e11096.	2.0	12
20	Changes in the analysis of temporal community dynamics data: a 29-year literature review. PeerJ, 2021, 9, e11250.	2.0	10
21	Predicting patterns of terrestrial lichen biomass recovery following boreal wildfires. Ecosphere, 2021, 12, e03481.	2.2	8
22	LOTVS: A global collection of permanent vegetation plots. Journal of Vegetation Science, 2022, 33, .	2.2	4
23	Material Legacies and Environmental Constraints Underlie Fire Resilience of a Dominant Boreal Forest Type. Ecosystems, 2023, 26, 473-490.	3.4	2
24	When do grasses resprout after fire?. New Phytologist, 2021, 230, 406-407.	7.3	1
25	Carbon and nitrogen cycling dynamics following permafrost thaw in the Northwest Territories, Canada. Science of the Total Environment, 2022, 845, 157288.	8.0	1