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List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

659
citations

623734

14
h-index

610901

24
g-index

47
all docs

47
docs citations

47
times ranked

769
citing authors

#	ARTICLE	IF	CITATIONS
1	Endophytic colonization and field responses of hybrid spruce seedlings after inoculation with plant growth-promoting rhizobacteria. <i>Forest Ecology and Management</i> , 2000, 133, 81-88.	3.2	102
2	Natural Revegetation of a Boreal Gold Mine Tailings Pond. <i>Restoration Ecology</i> , 2013, 21, 498-505.	2.9	68
3	Variation in moss-associated nitrogen fixation in boreal forest stands. <i>Oecologia</i> , 2009, 161, 353-359.	2.0	50
4	Arctic foxes as ecosystem engineers: increased soil nutrients lead to increased plant productivity on fox dens. <i>Scientific Reports</i> , 2016, 6, 24020.	3.3	45
5	Low levels organic amendments improve fertility and plant cover on non-acid generating gold mine tailings. <i>Ecological Engineering</i> , 2015, 74, 250-257.	3.6	40
6	Nitrogen fixation makes biomass allocation to roots independent of soil nitrogen supply. <i>Canadian Journal of Botany</i> , 2007, 85, 787-793.	1.1	37
7	Rare species occupy uncommon niches. <i>Scientific Reports</i> , 2014, 4, 6012.	3.3	32
8	Effect of neighbour presence and soil volume on the growth of <i>Andropogon gerardii</i> Vitman. <i>Plant Ecology and Diversity</i> , 2011, 4, 265-268.	2.4	20
9	The effect of <i>Frankia</i> and <i>Paxillus involutus</i> on the performance of <i>Alnus incana</i> subsp. <i>rugosa</i> in mine tailings. <i>Canadian Journal of Botany</i> , 2005, 83, 1384-1390.	1.1	17
10	Reciprocal interactions between plants and soil in an upland grassland. <i>Ecological Research</i> , 2009, 24, 93-98.	1.5	17
11	Variability of nitrogen-fixing <i>Frankia</i> on <i>Alnus</i> species. <i>Botany</i> , 2008, 86, 501-510.	1.0	16
12	<i>Alnus rubra</i> nodulation capacity of soil under five species from harvested forest sites in coastal British Columbia. <i>Plant and Soil</i> , 1996, 178, 283-286.	3.7	15
13	Short- and Long-Term Effects of Modified Humic Substances on Soil Evolution and Plant Growth in Gold Mine Tailings. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	2.4	15
14	Increased resistance to a generalist herbivore in a salinity-stressed non-halophytic plant. <i>AoB PLANTS</i> , 2016, 8, plw028.	2.3	15
15	Bryophyte and lichen biomass and nitrogen fixation in a high elevation cloud forest in Cerro de La Muerte, Costa Rica. <i>Oecologia</i> , 2021, 195, 489-497.	2.0	13
16	<i>Alnus rubra</i> (Bong.) nodule spore type distribution in southwestern British Columbia. <i>Plant Ecology</i> , 1998, 135, 197-205.	1.6	11
17	Nutrient deposition on Arctic fox dens creates atypical tundra plant assemblages at the edge of the Arctic. <i>Journal of Vegetation Science</i> , 2020, 31, 173-179.	2.2	11
18	Foxes fertilize the subarctic forest and modify vegetation through denning. <i>Scientific Reports</i> , 2021, 11, 3031.	3.3	11

#	ARTICLE	IF	CITATIONS
19	Short-term growth response of jack pine and spruce spp. to wood ash amendment across Canada. <i>GCB Bioenergy</i> , 2020, 12, 158-167.	5.6	10
20	Population size effects on germination, growth and symbiotic nitrogen fixation in an actinorhizal plant at the edge of its range. <i>Botany</i> , 2008, 86, 398-407.	1.0	9
21	The effect of Frankia and multiple ectomycorrhizal fungal species on <i>Alnus</i> growing in low fertility soil. <i>Symbiosis</i> , 2020, 80, 207-215.	2.3	9
22	Does past contact reduce the degree of mutualism in the <i>Alnus rubra</i> - <i>Frankia</i> symbiosis?. <i>Canadian Journal of Botany</i> , 1999, 77, 434-441.	1.1	9
23	Plant Facilitation on a Mine Tailings Dump. <i>Restoration Ecology</i> , 2011, 19, 569-571.	2.9	8
24	Soil moisture, N, P, and forest cover effects on N fixation in alders in the southern boreal forest. <i>Ecosphere</i> , 2021, 12, e03708.	2.2	8
25	Forest soil biotic communities show few responses to wood ash applications at multiple sites across Canada. <i>Scientific Reports</i> , 2022, 12, 4171.	3.3	8
26	Does <i>Dryas integrifolia</i> fix nitrogen?. <i>Botany</i> , 2009, 87, 1106-1109.	1.0	7
27	Red foxes increase reproductive output of white spruce in a non-mast year. <i>Basic and Applied Ecology</i> , 2021, 51, 11-19.	2.7	7
28	Ancient CO ₂ levels favor nitrogen fixing plants over a broader range of soil N compared to present. <i>Scientific Reports</i> , 2021, 11, 3038.	3.3	6
29	Nitrogen fixation symbiosis and salt tolerance of the boreal woody species <i>Elaeagnus commutata</i> . <i>Acta Physiologiae Plantarum</i> , 2020, 42, 1.	2.1	6
30	Does past contact reduce the degree of mutualism in the <i>Alnus rubra</i> - <i>Frankia</i> symbiosis?. <i>Canadian Journal of Botany</i> , 1999, 77, 434-441.	1.1	5
31	Temporal and spatial dynamics in a northern tallgrass prairie. <i>Plant Ecology</i> , 2011, 212, 1577-1588.	1.6	4
32	Response of red alder (<i>Alnus rubra</i>) seedlings to a woolly alder sawfly (<i>Eriocampa</i>)	1.7	3
33	Stand- and plot-level changes in a boreal forest understory community following wildfire. <i>Plant Ecology and Diversity</i> , 2015, 8, 585-590.	2.4	3
34	Using microcontrollers and sensors to build an inexpensive CO ₂ control system for growth chambers. <i>Applications in Plant Sciences</i> , 2020, 8, e11393.	2.1	3
35	Soil temperature limits nitrogen fixation, photosynthesis, and growth in a boreal actinorhizal shrub. <i>Plant and Soil</i> , 2021, 468, 411-421.	3.7	3
36	Exposure to aphids increases alder growth and nitrogen fixation. <i>Botany</i> , 2011, 89, 255-261.	1.0	2

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37	Niche differentiation of tallgrass prairie plants species along soil hydrological gradients. Botany, 2019, 97, 487-494.	1.0	2
38	Wind creates crown shyness, asymmetry, and orientation in a tropical montane oak forest. Biotropica, 2020, 52, 1127-1130.	1.6	2
39	Determinants of mortality in Pinus banksiana (Pinaceae) stands during an ice storm and its effect on stand spatial structure ¹ . Journal of the Torrey Botanical Society, 2019, 146, 111.	0.3	2
40	The Effect of Frankia and Hebeloma crustuliniforme on Alnus alnobetula subsp. Crispa Growing in Saline Soil. Plants, 2022, 11, 1860.	3.5	2
41	A Hierarchical Analysis of Seed Production by Alnus rubra. American Midland Naturalist, 2002, 148, 246.	0.4	1
42	Nitrogen Fixation Does Not Alter the Effects of Salinity on Soybean Resistance to a Generalist Caterpillar. International Journal of Plant Sciences, 2018, 179, 560-568.	1.3	1
43	The Interactive Effect of Elevated CO ₂ and Herbivores on the Nitrogen-Fixing Plant Alnus incana ssp. rugosa. Plants, 2021, 10, 440.	3.5	1
44	Effect of biofuel waste, urea, deer browsing, and vegetation control on Pinus banksiana seedling growth on a dry upland site in central Canada. Canadian Journal of Forest Research, 0, , 1-7.	1.7	0
45	Forests in a Changing World. , 2016, , 1-16.		0