

John H Markham

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7688837/publications.pdf>

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	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
2	The Effect of <i>Frankia</i> and <i>Hebeloma crustuliniforme</i> on <i>Alnus alnobetula</i> subsp. <i>Crispa</i> Growing in Saline Soil. <i>Plants</i> , 2022, 11, 1860.	3.5	2
3	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
4	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
5	The Interactive Effect of Elevated CO ₂ and Herbivores on the Nitrogen-Fixing Plant <i>Alnus incana</i> ssp. <i>rugosa</i> . <i>Plants</i> , 2021, 10, 440.	3.5	1
6	Foxes fertilize the subarctic forest and modify vegetation through denning. <i>Scientific Reports</i> , 2021, 11, 3031.	3.3	11
7	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
8	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
9	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
10	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
11	Wind creates crown shyness, asymmetry, and orientation in a tropical montane oak forest. <i>Biotropica</i> , 2020, 52, 1127-1130.	1.6	2
12	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
13	The effect of <i>Frankia</i> and multiple ectomycorrhizal fungal species on <i>Alnus</i> growing in low fertility soil. <i>Symbiosis</i> , 2020, 80, 207-215.	2.3	9
14	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
15	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
16	Niche differentiation of tallgrass prairie plants species along soil hydrological gradients. <i>Botany</i> , 2019, 97, 487-494.	1.0	2
17	Determinants of mortality in <i>Pinus banksiana</i> (Pinaceae) stands during an ice storm and its effect on stand spatial structure. <i>Journal of the Torrey Botanical Society</i> , 2019, 146, 111.	0.3	2
18	Nitrogen Fixation Does Not Alter the Effects of Salinity on Soybean Resistance to a Generalist Caterpillar. <i>International Journal of Plant Sciences</i> , 2018, 179, 560-568.	1.3	1

#	ARTICLE	IF	CITATIONS
19	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
20	Increased resistance to a generalist herbivore in a salinity-stressed non-halophytic plant. <i>AoB PLANTS</i> , 2016, 8, plw028.	2.3	15
21	Forests in a Changing World. , 2016, , 1-16.		0
22	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
23	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
24	Rare species occupy uncommon niches. <i>Scientific Reports</i> , 2014, 4, 6012.	3.3	32
25	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
26	Natural Revegetation of a Boreal Gold Mine Tailings Pond. <i>Restoration Ecology</i> , 2013, 21, 498-505.	2.9	68
27	Plant Facilitation on a Mine Tailings Dump. <i>Restoration Ecology</i> , 2011, 19, 569-571.	2.9	8
28	Temporal and spatial dynamics in a northern tallgrass prairie. <i>Plant Ecology</i> , 2011, 212, 1577-1588.	1.6	4
29	Exposure to aphids increases alder growth and nitrogen fixation. <i>Botany</i> , 2011, 89, 255-261.	1.0	2
30	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
31	Variation in moss-associated nitrogen fixation in boreal forest stands. <i>Oecologia</i> , 2009, 161, 353-359.	2.0	50
32	Reciprocal interactions between plants and soil in an upland grassland. <i>Ecological Research</i> , 2009, 24, 93-98.	1.5	17
33	Does <i>Dryas integrifolia</i> fix nitrogen?. <i>Botany</i> , 2009, 87, 1106-1109.	1.0	7
34	Variability of nitrogen-fixing <i>Frankia</i> on <i>Alnus</i> species. <i>Botany</i> , 2008, 86, 501-510.	1.0	16
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	The effect of Frankia and Paxillus involutus on the performance of Alnus incana subsp. rugosa in mine tailings. Canadian Journal of Botany, 2005, 83, 1384-1390.	1.1	17
38	A Hierarchical Analysis of Seed Production by Alnus rubra. American Midland Naturalist, 2002, 148, 246.	0.4	1
39	Endophytic colonization and field responses of hybrid spruce seedlings after inoculation with plant growth-promoting rhizobacteria. Forest Ecology and Management, 2000, 133, 81-88.	3.2	102
40	Does past contact reduce the degree of mutualism in the <i>Alnus rubra</i> - <i>Frankia</i> symbiosis?. Canadian Journal of Botany, 1999, 77, 434-441.	1.1	5
41	Does past contact reduce the degree of mutualism in the <i>Alnus rubra</i> - <i>Frankia</i> symbiosis?. Canadian Journal of Botany, 1999, 77, 434-441.	1.1	9
42	Alnus rubra (Bong.) nodule spore type distribution in southwestern British Columbia. Plant Ecology, 1998, 135, 197-205.	1.6	11
43	Response of red alder (<i>Alnus rubra</i>) seedlings to a woolly alder sawfly (<i>Eriocampa</i> Tj ETQq1 1 0.784314 rBT /Overlock 10 Tf 1.7	1.7	3
44	Alnus rubra nodulation capacity of soil under five species from harvested forest sites in coastal British Columbia. Plant and Soil, 1996, 178, 283-286.	3.7	15
45	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