Helga Van Miegroet

List of Publications by Year
in descending order

32 papers	1,114 citations	430874 18 h-index	454955 30 g-index
34 all docs	34 docs citations	34 times ranked	1132 citing authors

#	Article	IF	Citations
1	Chemical composition of soil organic carbon from mixed aspenâ€conifer forests characterized with Fourier transform infrared spectroscopy. European Journal of Soil Science, 2021, 72, 1410-1430.	3.9	13
2	Aspen Soils Retain More Dissolved Organic Carbon Than Conifer Soils in a Sorption Experiment. Frontiers in Forests and Global Change, 2020, 3, .	2.3	6
3	Women in Soil Science: Growing Participation, Emerging Gaps, and the Opportunities for Advancement in the USA. Soil Science Society of America Journal, 2019, 83, 1278-1289.	2.2	21
4	A Tree Species Effect on Soil That Is Consistent Across the Speciesâ€™ Range: The Case of Aspen and Soil Carbon in North America. Forests, 2017, 8, 113.	2.1	38
5	Can Carbon Fluxes Explain Differences in Soil Organic Carbon Storage under Aspen and Conifer Forest Overstories?. Forests, 2017, 8, 118.	2.1	16
6	Forest Overstory Effect on Soil Organic Carbon Storage: A Metaâ€analysis. Soil Science Society of America Journal, 2014, 78, S35.	2.2	39
7	Soil Organic Carbon Storage and Stability in the Aspen-Conifer Ecotone in Montane Forests in Utah, USA. Forests, 2014, 5, 666-688.	2.1	16
8	Vegetation geo-climatic zonation in the rocky mountains, Northern Utah, USA. Journal of Mountain Science, 2014, 11, 656-673.	2.0	6
9	Predicting Tree Species Origin of Soil Organic Carbon with Nearâ€Infrared Reflectance Spectroscopy. Soil Science Society of America Journal, 2014, 78, S23.	2.2	3
10	Nutrient Availability Assessment Method in Semiarid Ecosystems in the Central Rocky Mountains, Utah. Soil Science Society of America Journal, 2013, 77, 1057-1062.	2.2	5
11	Storage and Stability of Soil Organic Carbon in Aspen and Conifer Forest Soils of Northern Utah. Soil Science Society of America Journal, 2012, 76, 2230-2240.	2.2	25
12	Fidelity and diagnostic species concepts in vegetation classification in the Rocky Mountains, northern Utah, USA. Botany, 2012, 90, 678-693.	1.0	8
13	Using Silviculture to Influence Carbon Sequestration in Southern Appalachian Spruce-Fir Forests. Forests, 2012, 3, 300-316.	2.1	19
14	Does tree species composition control soil organic carbon pools in Mediterranean mountain forests?. Forest Ecology and Management, 2011, 262, 1895-1904.	3.2	94
15	Factors Affecting Carbon Dioxide Release from Forest and Rangeland Soils in Northern Utah. Soil Science Society of America Journal, 2010, 74, 282-291.	2.2	27
16	Feedbacks and synergism among biogeochemistry, basic ecology, and forest soil science. Forest Ecology and Management, 2009, 258, 2214-2223.	3.2	14
17	Are Nitrogen-Fertilized Forest Soils Sinks or Sources of Carbon?. Environmental Monitoring and Assessment, 2007, 128, 121-131.	2.7	18
18	Soil carbon distribution and quality in a montane rangeland-forest mosaic in northern Utah. Forest Ecology and Management, 2005, 220, 284-299.	3.2	35

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19	Soil Microclimate and Chemistry of Spruceâ€“Fir Tree Islands in Northern Utah. Soil Science Society of America Journal, 2000, 64, 1515-1525.	2.2	37
20	Inorganic Nitrogen Determined by Laboratory and Field Extractions of Two Forest Soils. Soil Science Society of America Journal, 1995, 59, 549-553.	2.2	33
21	Relationships between cation and nitrate concentrations in soil solutions from mature and harvested red alder stands. Canadian Journal of Forest Research, 1994, 24, 1646-1652.	1.7	26
22	Relationships between soil nitrogen dynamics and natural ¹⁵N abundance in plant foliage from Great Smoky Mountains National Park. Canadian Journal of Forest Research, 1994, 24, 1636-1645.	1.7	175
23	Foliar response of red spruce saplings to fertilization with Ca and Mg in the Great Smoky Mountains National Park. Canadian Journal of Forest Research, 1993, 23, 89-95.	1.7	37
24	Cation distribution, cycling, and removal from mineral soil in Douglas-fir and red alder forests. Biogeochemistry, 1992, 16, 121-150.	3.5	31
25	Nutrient cycling in red spruce forests of the Great Smoky Mountains. Canadian Journal of Forest Research, 1991, 21, 769-787.	1.7	142
26	Changes in Soil Properties and Site Productivity Caused by Red Alder. , 1991, , 231-246.		0
27	Changes in soil properties and site productivity caused by red alder. Water, Air, and Soil Pollution, 1990, 54, 231-246.	2.4	37
28	Changes in soil properties and site productivity caused by red alder. Water, Air, and Soil Pollution, 1990, 54, 231-246.	2.4	8
29	Organic sulfur in throughfall, stem flow, and soil solutions from temperate forests. Canadian Journal of Forest Research, 1990, 20, 1535-1539.	1.7	34
30	Factors Affecting Anion Movement and Retention in Four Forest Soils. Soil Science Society of America Journal, 1986, 50, 776-783.	2.2	78
31	Sulfur cycling in five forest ecosystems. Water, Air, and Soil Pollution, 1986, 30, 965-979.	2.4	46
32	Sulfur Cycling in Five Forest Ecosystems. , 1986, , 965-979.		0