

Jennifer L Morse

List of Publications by Year in descending order

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39
papers

3,298
citations

236925

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h-index

345221

36
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39
all docs

39
docs citations

39
times ranked

4744
citing authors

#	ARTICLE	IF	CITATIONS
1	Variability of Potential Soil Nitrogen Cycling Rates in Stormwater Bioretention Facilities. Sustainability, 2022, 14, 2175.	3.2	0
2	Poised for Change: University Students Are Positively Disposed toward Food Waste Diversion and Decrease Individual Food Waste after Programming. Foods, 2021, 10, 510.	4.3	7
3	Stormwater Treatment Effectiveness of Established Lined Bioretention Facilities in Portland, Oregon. Journal of Sustainable Water in the Built Environment, 2021, 7, .	1.6	7
4	Urban soil carbon and nitrogen converge at a continental scale. Ecological Monographs, 2020, 90, e01401.	5.4	32
5	Snowpack affects soil microclimate throughout the year. Climatic Change, 2020, 163, 705-722.	3.6	9
6	Roots Mediate the Effects of Snowpack Decline on Soil Bacteria, Fungi, and Nitrogen Cycling in a Northern Hardwood Forest. Frontiers in Microbiology, 2019, 10, 926.	3.5	9
7	Climate and lawn management interact to control C4plant distribution in residential lawns across seven U.S. cities. Ecological Applications, 2019, 29, e01884.	3.8	8
8	A multi-city comparison of front and backyard differences in plant species diversity and nitrogen cycling in residential landscapes. Landscape and Urban Planning, 2018, 178, 102-111.	7.5	20
9	Sediment chemistry of urban stormwater ponds and controls on denitrification. Ecosphere, 2018, 9, e02318.	2.2	22
10	Differential sensitivity to climate change of C and N cycling processes across soil horizons in a northern hardwood forest. Soil Biology and Biochemistry, 2017, 107, 77-84.	8.8	63
11	Ecological homogenization of residential macrosystems. Nature Ecology and Evolution, 2017, 1, 191.	7.8	69
12	Continental-scale homogenization of residential lawn plant communities. Landscape and Urban Planning, 2017, 165, 54-63.	7.5	82
13	Reduced snow cover alters root-microbe interactions and decreases nitrification rates in a northern hardwood forest. Ecology, 2016, 97, 3359-3368.	3.2	34
14	Nitrate and dissolved organic carbon mobilization in response to soil freezing variability. Biogeochemistry, 2016, 131, 35-47.	3.5	33
15	Climate change decreases nitrogen pools and mineralization rates in northern hardwood forests. Ecosphere, 2016, 7, e01251.	2.2	67
16	Satisfaction, water and fertilizer use in the American residential macrosystem. Environmental Research Letters, 2016, 11, 034004.	5.2	26
17	Assessment of Regional Variation in Streamflow Responses to Urbanization and the Persistence of Physiography. Environmental Science & Technology, 2015, 49, 2724-2732.	10.0	65
18	Soil Denitrification Fluxes in a Northern Hardwood Forest: The Importance of Snowmelt and Implications for Ecosystem N Budgets. Ecosystems, 2015, 18, 520-532.	3.4	48

#	ARTICLE	IF	CITATIONS
19	Soil denitrification fluxes from three northeastern North American forests across a range of nitrogen deposition. <i>Oecologia</i> , 2015, 177, 17-27.	2.0	54
20	Type and timing of stream flow changes in urbanizing watersheds in the Eastern U.S.. <i>Elementa</i> , 2015, 3, .	3.2	6
21	Assessing the homogenization of urban land management with an application to US residential lawn care. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4432-4437.	7.1	164
22	Ecological homogenization of urban USA. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 74-81.	4.0	343
23	Winter climate change affects growing season soil microbial biomass and activity in northern hardwood forests. <i>Global Change Biology</i> , 2014, 20, 3568-3577.	9.5	87
24	Differential Carbon and Nitrogen Controls of Denitrification in Riparian Zones and Streams along an Urban to Exurban Gradient. <i>Journal of Environmental Quality</i> , 2014, 43, 955-963.	2.0	21
25	Using ¹⁵ N tracers to estimate N ₂ O and N ₂ emissions from nitrification and denitrification in coastal plain wetlands under contrasting land-uses. <i>Soil Biology and Biochemistry</i> , 2013, 57, 635-643.	8.8	76
26	Drought-induced saltwater incursion leads to increased wetland nitrogen export. <i>Global Change Biology</i> , 2013, 19, 2976-2985.	9.5	143
27	Winter climate change effects on soil C and N cycles in urban grasslands. <i>Global Change Biology</i> , 2013, 19, 2826-2837.	9.5	46
28	Greenhouse gas fluxes in southeastern U.S. coastal plain wetlands under contrasting land uses. , 2012, 22, 264-280.		93
29	Long-Term Integrated Studies Show Complex and Surprising Effects of Climate Change in the Northern Hardwood Forest. <i>BioScience</i> , 2012, 62, 1056-1066.	4.9	117
30	Using environmental variables and soil processes to forecast denitrification potential and nitrous oxide fluxes in coastal plain wetlands across different land uses. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	29
31	Comparison of in situ methods to measure N mineralization rates in forest soils. <i>Soil Biology and Biochemistry</i> , 2012, 46, 145-147.	8.8	15
32	Phosphorus export from a restored wetland ecosystem in response to natural and experimental hydrologic fluctuations. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	54
33	The Water Quality Consequences of Restoring Wetland Hydrology to a Large Agricultural Watershed in the Southeastern Coastal Plain. <i>Ecosystems</i> , 2010, 13, 1060-1078.	3.4	81
34	Challenges to incorporating spatially and temporally explicit phenomena (hotspots and hot moments) in denitrification models. <i>Biogeochemistry</i> , 2009, 93, 49-77.	3.5	529
35	ENVIRONMENTAL CONTROLS ON THE LANDSCAPE-SCALE BIOGEOGRAPHY OF STREAM BACTERIAL COMMUNITIES. <i>Ecology</i> , 2007, 88, 2162-2173.	3.2	216
36	Ecological science and sustainability for the 21st century. <i>Frontiers in Ecology and the Environment</i> , 2005, 3, 4-11.	4.0	127

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37	Sediment nutrient accumulation and nutrient availability in two tidal freshwater marshes along the Mattaponi River, Virginia, USA. <i>Biogeochemistry</i> , 2004, 69, 175-206.	3.5	50
38	ECOLOGY: Ecology for a Crowded Planet. <i>Science</i> , 2004, 304, 1251-1252.	12.6	440
39	Food Waste Knowledge, Attitudes, and Behavioral Intentions among University Students. <i>Journal of Agriculture, Food Systems, and Community Development</i> , 0, , 1-16.	2.4	6