

Jennifer L Morse

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

3,298
citations

236925

25
h-index

345221

36
g-index

39
all docs

39
docs citations

39
times ranked

4744
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	ECOLOGY: Ecology for a Crowded Planet. <i>Science</i> , 2004, 304, 1251-1252.	12.6	440
3	Ecological homogenization of urban USA. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 74-81.	4.0	343
4	ENVIRONMENTAL CONTROLS ON THE LANDSCAPE-SCALE BIOGEOGRAPHY OF STREAM BACTERIAL COMMUNITIES. <i>Ecology</i> , 2007, 88, 2162-2173.	3.2	216
5	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
6	Drought-induced saltwater incursion leads to increased wetland nitrogen export. <i>Global Change Biology</i> , 2013, 19, 2976-2985.	9.5	143
7	Ecological science and sustainability for the 21st century. <i>Frontiers in Ecology and the Environment</i> , 2005, 3, 4-11.	4.0	127
8	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
9	Greenhouse gas fluxes in southeastern U.S. coastal plain wetlands under contrasting land uses. , 2012, 22, 264-280.		93
10	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
11	Continental-scale homogenization of residential lawn plant communities. <i>Landscape and Urban Planning</i> , 2017, 165, 54-63.	7.5	82
12	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
13	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
14	Ecological homogenization of residential macrosystems. <i>Nature Ecology and Evolution</i> , 2017, 1, 191.	7.8	69
15	Climate change decreases nitrogen pools and mineralization rates in northern hardwood forests. <i>Ecosphere</i> , 2016, 7, e01251.	2.2	67
16	Assessment of Regional Variation in Streamflow Responses to Urbanization and the Persistence of Physiography. <i>Environmental Science & Technology</i> , 2015, 49, 2724-2732.	10.0	65
17	Differential sensitivity to climate change of C and N cycling processes across soil horizons in a northern hardwood forest. <i>Soil Biology and Biochemistry</i> , 2017, 107, 77-84.	8.8	63
18	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

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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	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
21	Soil Denitrification Fluxes in a Northern Hardwood Forest: The Importance of Snowmelt and Implications for Ecosystem N Budgets. <i>Ecosystems</i> , 2015, 18, 520-532.	3.4	48
22	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
23	Reduced snow cover alters root-microbe interactions and decreases nitrification rates in a northern hardwood forest. <i>Ecology</i> , 2016, 97, 3359-3368.	3.2	34
24	Nitrate and dissolved organic carbon mobilization in response to soil freezing variability. <i>Biogeochemistry</i> , 2016, 131, 35-47.	3.5	33
25	Urban soil carbon and nitrogen converge at a continental scale. <i>Ecological Monographs</i> , 2020, 90, e01401.	5.4	32
26	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
27	Satisfaction, water and fertilizer use in the American residential macrosystem. <i>Environmental Research Letters</i> , 2016, 11, 034004.	5.2	26
28	Sediment chemistry of urban stormwater ponds and controls on denitrification. <i>Ecosphere</i> , 2018, 9, e02318.	2.2	22
29	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
30	A multi-city comparison of front and backyard differences in plant species diversity and nitrogen cycling in residential landscapes. <i>Landscape and Urban Planning</i> , 2018, 178, 102-111.	7.5	20
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	Roots Mediate the Effects of Snowpack Decline on Soil Bacteria, Fungi, and Nitrogen Cycling in a Northern Hardwood Forest. <i>Frontiers in Microbiology</i> , 2019, 10, 926.	3.5	9
33	Snowpack affects soil microclimate throughout the year. <i>Climatic Change</i> , 2020, 163, 705-722.	3.6	9
34	Climate and lawn management interact to control C4 plant distribution in residential lawns across seven U.S. cities. <i>Ecological Applications</i> , 2019, 29, e01884.	3.8	8
35	Poised for Change: University Students Are Positively Disposed toward Food Waste Diversion and Decrease Individual Food Waste after Programming. <i>Foods</i> , 2021, 10, 510.	4.3	7
36	Stormwater Treatment Effectiveness of Established Lined Bioretention Facilities in Portland, Oregon. <i>Journal of Sustainable Water in the Built Environment</i> , 2021, 7, .	1.6	7

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37	Type and timing of stream flow changes in urbanizing watersheds in the Eastern U.S.. Elementa, 2015, 3, .	3.2	6
38	Food Waste Knowledge, Attitudes, and Behavioral Intentions among University Students. Journal of Agriculture, Food Systems, and Community Development, 0, , 1-16.	2.4	6
39	Variability of Potential Soil Nitrogen Cycling Rates in Stormwater Bioretention Facilities. Sustainability, 2022, 14, 2175.	3.2	0