

Meredith K Steele

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,213
citations

623734

14
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

1964
citing authors

#	ARTICLE	IF	CITATIONS
1	Ecological homogenization of urban USA. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 74-81.	4.0	343
2	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
3	Morphological characteristics of urban water bodies: mechanisms of change and implications for ecosystem function. <i>Ecological Applications</i> , 2014, 24, 1070-1084.	3.8	94
4	Continental-scale homogenization of residential lawn plant communities. <i>Landscape and Urban Planning</i> , 2017, 165, 54-63.	7.5	82
5	Constraining estimates of global soil respiration by quantifying sources of variability. <i>Global Change Biology</i> , 2018, 24, 4143-4159.	9.5	82
6	Convergence of microclimate in residential landscapes across diverse cities in the United States. <i>Landscape Ecology</i> , 2016, 31, 101-117.	4.2	78
7	Homogenization of plant diversity, composition, and structure in North American urban yards. <i>Ecosphere</i> , 2018, 9, e02105.	2.2	68
8	Convergent Surface Water Distributions in U.S. Cities. <i>Ecosystems</i> , 2014, 17, 685-697.	3.4	56
9	Measurement strategies to account for soil respiration temporal heterogeneity across diverse regions. <i>Soil Biology and Biochemistry</i> , 2018, 125, 167-177.	8.8	35
10	Drivers of plant species richness and phylogenetic composition in urban yards at the continental scale. <i>Landscape Ecology</i> , 2019, 34, 63-77.	4.2	31
11	Fecal indicator dynamics at the watershed scale: Variable relationships with land use, season, and water chemistry. <i>Science of the Total Environment</i> , 2019, 697, 134113.	8.0	30
12	Future Global Soil Respiration Rates Will Swell Despite Regional Decreases in Temperature Sensitivity Caused by Rising Temperature. <i>Earth's Future</i> , 2018, 6, 1539-1554.	6.3	28
13	Historically inconsistent productivity and respiration fluxes in the global terrestrial carbon cycle. <i>Nature Communications</i> , 2022, 13, 1733.	12.8	25
14	Freshwater salinization increases survival of <i>Escherichia coli</i> and risk of bacterial impairment. <i>Water Research</i> , 2021, 191, 116812.	11.3	18
15	Heterogeneity in the land cover composition and configuration of US cities: implications for ecosystem services. <i>Landscape Ecology</i> , 2019, 34, 1247-1261.	4.2	15
16	On the use of air temperature and precipitation as surrogate predictors in soil respiration modelling. <i>European Journal of Soil Science</i> , 2022, 73, .	3.9	14
17	Land use and topography bend and break fractal rules of water body size distributions. <i>Limnology and Oceanography Letters</i> , 2017, 2, 71-80.	3.9	12
18	Porous-permeable pavements promote growth and establishment and modify root depth distribution of <i>Platanus acerifolia</i> (Aiton) Willd. in simulated urban tree pits. <i>Urban Forestry and Urban Greening</i> , 2018, 33, 27-36.	5.3	12

#	ARTICLE	IF	CITATIONS
19	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
20	Soil respiration spatial and temporal variability in China between 1961 and 2014. European Journal of Soil Science, 2021, 72, 739-755.	3.9	7
21	Stream bacterial diversity peaks at intermediate freshwater salinity and varies by salt type. Science of the Total Environment, 2022, 840, 156690.	8.0	6
22	The scaling of urban surface water abundance and impairment with city size. Geomorphology, 2018, 305, 231-241.	2.6	3
23	Services in Natural and Human Dominated Ecosystems. Agronomy, 2015, , 373-390.	0.2	2