

Tiffany L Messer

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

175
citations

8
h-index

13
g-index

23
ext. papers

267
ext. citations

4.9
avg, IF

3.63
L-index

#	Paper	IF	Citations
19	Nitrate-N removal rate variabilities in floating treatment wetland mesocosms with diverse planting and carbon amendment designs. <i>Ecological Engineering</i> , 2022 , 174, 106444	3.9	0
18	Modeling and Prioritizing Interventions Using Pollution Hotspots for Reducing Nutrients, Atrazine and E. coli Concentrations in a Watershed. <i>Sustainability</i> , 2021 , 13, 103	3.6	4
17	Baseflow nitrate dynamics within nested watersheds of an agricultural stream in Nebraska, USA. <i>Agriculture, Ecosystems and Environment</i> , 2021 , 308, 107223	5.7	7
16	Evolution of three streambanks before and after stabilization and record flooding. <i>Ecological Engineering</i> , 2021 , 170, 106357	3.9	
15	A Literature Review of Wetland Treatment Systems Used to Treat Runoff Mixtures Containing Antibiotics and Pesticides from Urban and Agricultural Landscapes. <i>Water (Switzerland)</i> , 2021 , 13, 3631	3	2
14	Literature Review: Global Neonicotinoid Insecticide Occurrence in Aquatic Environments. <i>Water (Switzerland)</i> , 2020 , 12, 3388	3	28
13	Measuring the occurrence of antibiotics in surface water adjacent to cattle grazing areas using passive samplers. <i>Science of the Total Environment</i> , 2020 , 726, 138296	10.2	8
12	Predicting Escherichia coli loads in cascading dams with machine learning: An integration of hydrometeorology, animal density and grazing pattern. <i>Science of the Total Environment</i> , 2020 , 722, 137894	10.2	11
11	Escherichia coli concentrations in waters of a reservoir system impacted by cattle and migratory waterfowl. <i>Science of the Total Environment</i> , 2020 , 705, 135607	10.2	7
10	Pesticide occurrence and persistence entering recreational lakes in watersheds of varying land uses. <i>Environmental Pollution</i> , 2020 , 273, 116399	9.3	3
9	Diel fluctuations of high level nitrate and dissolved organic carbon concentrations in constructed wetland mesocosms. <i>Ecological Engineering</i> , 2019 , 133, 76-87	3.9	3
8	Evaluation of selected watershed characteristics to identify best management practices to reduce Nebraskan nitrate loads from Nebraska to the Mississippi/Atchafalaya River basin. <i>Agriculture, Ecosystems and Environment</i> , 2019 , 277, 1-10	5.7	10
7	Mitigating the risk of atrazine exposure: Identifying hot spots and hot times in surface waters across Nebraska, USA. <i>Journal of Environmental Management</i> , 2019 , 250, 109424	7.9	26
6	Nitrate Removal by Floating Treatment Wetlands Amended with Spent Coffee: A Mesocosm-Scale Evaluation. <i>Transactions of the ASABE</i> , 2019 , 62, 1619-1630	0.9	2
5	Wetland Ecosystem Resilience: Protecting and Restoring Valuable Ecosystems. <i>Transactions of the ASABE</i> , 2019 , 62, 1541-1543	0.9	
4	Tracking the fate of nitrate through pulse-flow wetlands: A mesocosm scale 15N enrichment tracer study. <i>Ecological Engineering</i> , 2017 , 106, 597-608	3.9	16
3	Nitrate removal potential of restored wetlands loaded with agricultural drainage water: A mesocosm scale experimental approach. <i>Ecological Engineering</i> , 2017 , 106, 541-554	3.9	15

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| 2 | Comparison of Four Nitrate Removal Kinetic Models in Two Distinct Wetland Restoration Mesocosm Systems. <i>Water (Switzerland)</i> , 2017 , 9, 517 | 3 | 4 |
| 1 | Groundwater nitrate reductions within upstream and downstream sections of a riparian buffer. <i>Ecological Engineering</i> , 2012 , 47, 297-307 | 3-9 | 24 |