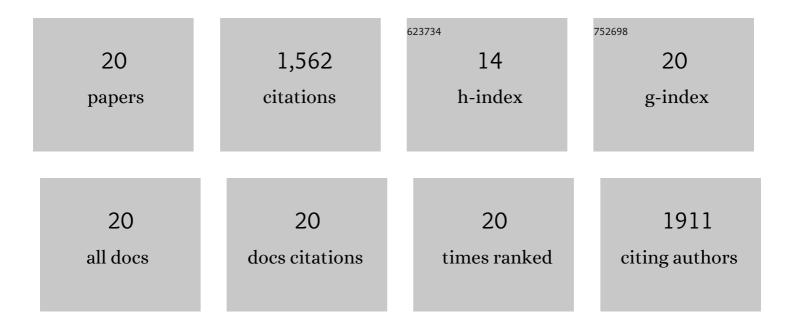
## **Gregory F Mcisaac**

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Sources of Nitrate Yields in the Mississippi River Basin. Journal of Environmental Quality, 2010, 39, 1657-1667.	2.0	361
2	Nitrate flux in the Mississippi River. Nature, 2001, 414, 166-167.	27.8	282
3	Miscanthus. Advances in Botanical Research, 2010, 56, 75-137.	1.1	169
4	<i>Miscanthus</i> and Switchgrass Production in Central Illinois: Impacts on Hydrology and Inorganic Nitrogen Leaching. Journal of Environmental Quality, 2010, 39, 1790-1799.	2.0	160
5	Relating Net Nitrogen Input in the Mississippi River Basin to Nitrate Flux in the Lower Mississippi River. Journal of Environmental Quality, 2002, 31, 1610-1622.	2.0	100
6	Modeling denitrification in a tile-drained, corn and soybean agroecosystem of Illinois, USA. Biogeochemistry, 2009, 93, 7-30.	3.5	95
7	Nitrogen Mass Balance of a Tileâ€drained Agricultural Watershed in Eastâ€Central Illinois. Journal of Environmental Quality, 2009, 38, 1841-1847.	2.0	88
8	Longâ€Term Changes in Mollisol Organic Carbon and Nitrogen. Journal of Environmental Quality, 2009, 38, 200-211.	2.0	81
9	A simplified hillslope erosion model with vegetation elements for practical applications. Journal of Hydrology, 2002, 258, 111-121.	5.4	47
10	Illinois River Nitrateâ€Nitrogen Concentrations and Loads: Longâ€ŧerm Variation and Association with Watershed Nitrogen Inputs. Journal of Environmental Quality, 2016, 45, 1268-1275.	2.0	31
11	Variation in Riverine Nitrate Flux and Fall Nitrogen Fertilizer Application in East-Central Illinois. Journal of Environmental Quality, 2014, 43, 1467-1474.	2.0	27
12	Nitrogen and Phosphorus in Eroded Sediment from Corn and Soybean Tillage Systems. Journal of Environmental Quality, 1991, 20, 663-670.	2.0	24
13	Managing Multiple Mandates: A System of Systems Model to Analyze Strategies for Producing Cellulosic Ethanol and Reducing Riverine Nitrate Loads in the Upper Mississippi River Basin. Environmental Science & Technology, 2015, 49, 11932-11940.	10.0	24
14	Developing an integrated technology-environment-economics model to simulate food-energy-water systems in Corn Belt watersheds. Environmental Modelling and Software, 2021, 143, 105083.	4.5	16
15	Evaluation of the ADAPT Model for Simulating Nitrogen Dynamics in a Tile-Drained Agricultural Watershed in Central Illinois. Journal of Environmental Quality, 2006, 35, 1914-1923.	2.0	14
16	Comment on "Legacy nitrogen may prevent achievement of water quality goals in the Gulf of Mexico― Science, 2019, 365, .	12.6	12
17	Denitrifying bioreactor inflow manifold design for treatment of aquacultural wastewater. Aquacultural Engineering, 2020, 88, 102036.	3.1	12
18	Metal leaching and toxicity of denitrifying woodchip bioreactor outflow—Potential reuse application. Aquacultural Engineering, 2021, 93, 102129.	3.1	9

#	Article	IF	CITATIONS
19	Biophysical and Social Barriers Restrict Water Quality Improvements in the Mississippi River Basin. Environmental Science & Technology, 2013, 47, 11928-11929.	10.0	8
20	Biomass Production and Water: A Brief Review of Recent Research. Current Sustainable/Renewable Energy Reports, 2014, 1, 157-161.	2.6	2