

Gregory F Mcisaac

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,562
citations

623734

14
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1911
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal leaching and toxicity of denitrifying woodchip bioreactor outflow—Potential reuse application. <i>Aquacultural Engineering</i> , 2021, 93, 102129.	3.1	9
2	Developing an integrated technology-environment-economics model to simulate food-energy-water systems in Corn Belt watersheds. <i>Environmental Modelling and Software</i> , 2021, 143, 105083.	4.5	16
3	Denitrifying bioreactor inflow manifold design for treatment of aquacultural wastewater. <i>Aquacultural Engineering</i> , 2020, 88, 102036.	3.1	12
4	Comment on “Legacy nitrogen may prevent achievement of water quality goals in the Gulf of Mexico”. <i>Science</i> , 2019, 365, .	12.6	12
5	Illinois River Nitrate—Nitrogen Concentrations and Loads: Long-term Variation and Association with Watershed Nitrogen Inputs. <i>Journal of Environmental Quality</i> , 2016, 45, 1268-1275.	2.0	31
6	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. <i>Environmental Science & Technology</i> , 2015, 49, 11932-11940.	10.0	24
7	Variation in Riverine Nitrate Flux and Fall Nitrogen Fertilizer Application in East-Central Illinois. <i>Journal of Environmental Quality</i> , 2014, 43, 1467-1474.	2.0	27
8	Biomass Production and Water: A Brief Review of Recent Research. <i>Current Sustainable/Renewable Energy Reports</i> , 2014, 1, 157-161.	2.6	2
9	Biophysical and Social Barriers Restrict Water Quality Improvements in the Mississippi River Basin. <i>Environmental Science & Technology</i> , 2013, 47, 11928-11929.	10.0	8
10	<i>Miscanthus</i> and Switchgrass Production in Central Illinois: Impacts on Hydrology and Inorganic Nitrogen Leaching. <i>Journal of Environmental Quality</i> , 2010, 39, 1790-1799.	2.0	160
11	Sources of Nitrate Yields in the Mississippi River Basin. <i>Journal of Environmental Quality</i> , 2010, 39, 1657-1667.	2.0	361
12	<i>Miscanthus</i> . <i>Advances in Botanical Research</i> , 2010, 56, 75-137.	1.1	169
13	Long-term Changes in Mollisol Organic Carbon and Nitrogen. <i>Journal of Environmental Quality</i> , 2009, 38, 200-211.	2.0	81
14	Nitrogen Mass Balance of a Tile-drained Agricultural Watershed in East-Central Illinois. <i>Journal of Environmental Quality</i> , 2009, 38, 1841-1847.	2.0	88
15	Modeling denitrification in a tile-drained, corn and soybean agroecosystem of Illinois, USA. <i>Biogeochemistry</i> , 2009, 93, 7-30.	3.5	95
16	Evaluation of the ADAPT Model for Simulating Nitrogen Dynamics in a Tile-Drained Agricultural Watershed in Central Illinois. <i>Journal of Environmental Quality</i> , 2006, 35, 1914-1923.	2.0	14
17	A simplified hillslope erosion model with vegetation elements for practical applications. <i>Journal of Hydrology</i> , 2002, 258, 111-121.	5.4	47
18	Relating Net Nitrogen Input in the Mississippi River Basin to Nitrate Flux in the Lower Mississippi River. <i>Journal of Environmental Quality</i> , 2002, 31, 1610-1622.	2.0	100

#	ARTICLE	IF	CITATIONS
19	Nitrate flux in the Mississippi River. Nature, 2001, 414, 166-167.	27.8	282
20	Nitrogen and Phosphorus in Eroded Sediment from Corn and Soybean Tillage Systems. Journal of Environmental Quality, 1991, 20, 663-670.	2.0	24