

Richard A Mclaughlin

List of Publications by Year in descending order

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32
papers

564
citations

623188

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642321

23
g-index

32
all docs

32
docs citations

32
times ranked

514
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterizing Compost Rate Effects on Stormwater Runoff and Vegetation Establishment. <i>Water (Switzerland)</i> , 2022, 14, 696.	1.2	3
2	Reducing roadside runoff: Tillage and compost improve stormwater mitigation in urban soils. <i>Journal of Environmental Management</i> , 2021, 280, 111732.	3.8	17
3	Comparison of Cornell sprinkle infiltrometer and double-ring infiltrometer methods for measuring steady infiltration rate. <i>Soil Science Society of America Journal</i> , 2021, 85, 1977.	1.2	3
4	Hydrologic and water quality performance of two aging and unmaintained dry detention basins receiving highway stormwater runoff. <i>Journal of Environmental Management</i> , 2020, 255, 109853.	3.8	16
5	Water Quality and Hydrologic Performance of Two Dry Detention Basins Receiving Highway Stormwater Runoff in the Piedmont Region of North Carolina. <i>Journal of Sustainable Water in the Built Environment</i> , 2020, 6, 05020002.	0.9	6
6	Polyacrylamide and Chitosan Biopolymer for Flocculation and Turbidity Reduction in Soil Suspensions. <i>Journal of Polymers and the Environment</i> , 2020, 28, 1335-1343.	2.4	5
7	The effects of compost incorporation on soil physical properties in urban soils – A concise review. <i>Journal of Environmental Management</i> , 2020, 261, 110209.	3.8	133
8	Insights from using in-situ ultraviolet-visible spectroscopy to assess nitrogen treatment and subsurface dynamics in a regenerative stormwater conveyance (RSC) system. <i>Journal of Environmental Management</i> , 2019, 252, 109656.	3.8	5
9	Effects of Turbidity, Sediment, and Polyacrylamide on Native Freshwater Mussels. <i>Journal of the American Water Resources Association</i> , 2018, 54, 631-643.	1.0	2
10	Chemical Treatment to Reduce Turbidity in Pumped Construction Site Water. <i>Journal of Environmental Engineering, ASCE</i> , 2018, 144, 04018120.	0.7	2
11	Acute toxicity of polyacrylamide flocculants to early life stages of freshwater mussels. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2715-2721.	2.2	32
12	A multi-year study of tillage and amendment effects on compacted soils. <i>Journal of Environmental Management</i> , 2017, 203, 533-541.	3.8	30
13	Simple systems for treating pumped, turbid water with flocculants and a geotextile dewatering bag. <i>Journal of Environmental Management</i> , 2016, 182, 208-213.	3.8	12
14	Flocculated sediments can reduce the size of sediment basin at construction sites. <i>Journal of Environmental Management</i> , 2016, 166, 450-456.	3.8	5
15	Transport of dissolved polyacrylamide through a clay loam soil. <i>Geoderma</i> , 2015, 243-244, 108-114.	2.3	13
16	Granular and Dissolved Polyacrylamide Effects on Erosion and Runoff under Simulated Rainfall. <i>Journal of Environmental Quality</i> , 2014, 43, 1972-1979.	1.0	8
17	Check dam and polyacrylamide performance under simulated stormwater runoff. <i>Journal of Environmental Management</i> , 2013, 129, 593-598.	3.8	20
18	Turbidimetric Determination of Anionic Polyacrylamide in Low Carbon Soil Extracts. <i>Journal of Environmental Quality</i> , 2013, 42, 1902-1907.	1.0	21

#	ARTICLE	IF	CITATIONS
19	Comparison of Methods to Remediate Compacted Soils for Infiltration and Vegetative Establishment. Open Journal of Soil Science, 2013, 03, 225-234.	0.3	12
20	Depositional seals in polyacrylamide-amended soils of varying clay mineralogy and texture. Journal of Soils and Sediments, 2010, 10, 494-504.	1.5	17
21	Passive Treatment to Meet the EPA Turbidity Limit. , 2010, , .		2
22	Hydraulic Characteristics of Depositional Seals as Affected by Exchangeable Cations, Clay Mineralogy, and Polyacrylamide. Soil Science Society of America Journal, 2009, 73, 910-918.	1.2	24
23	Simple Polyacrylamide Dosing Systems for Turbidity Reduction in Stilling Basins. Transactions of the ASABE, 2008, 51, 1653-1662.	1.1	17
24	Sediment Trapping by Five Different Sediment Detention Devices on Construction Sites. Transactions of the ASABE, 2008, 51, 1613-1621.	1.1	15
25	Soil Factors Influencing Suspended Sediment Flocculation by Polyacrylamide. Soil Science Society of America Journal, 2007, 71, 537-544.	1.2	47
26	EVALUATION OF EROSION CONTROL PRODUCTS WITH AND WITHOUT ADDED POLYACRYLAMIDE. Journal of the American Water Resources Association, 2006, 42, 675-684.	1.0	19
27	SEDIMENT CAPTURE EFFECTIVENESS OF VARIOUS BAFFLE TYPES IN A SEDIMENT RETENTION POND. Transactions of the American Society of Agricultural Engineers, 2005, 48, 1795-1802.	0.9	17
28	Nonpoint Sources. Water Environment Research, 1999, 71, 1054-1069.	1.3	12
29	Nonpoint sources. Water Environment Research, 1998, 70, 895-912.	1.3	10
30	Nonpoint sources. Water Environment Research, 1997, 69, 844-860.	1.3	11
31	Optimizing recoveries of two chlorotriazine herbicide metabolites and 11 pesticides from aqueous samples using solid-phase extraction and gas chromatography-mass spectrometry. Journal of Chromatography A, 1997, 790, 161-167.	1.8	26
32	Hydrodynamic Assessment of Various Types of Baffles in a Sediment Detention Pond. , 0, , .		2