Daniel L Mclaughlin

List of Publications by Year
in descending order

45 papers	1,746 citations	331670 21 h-index	276875 41 g-index
45 all docs	45 docs citations	45 times ranked	1661 citing authors

#	Article	IF	Citations
1	Vulnerable Waters are Essential to Watershed Resilience. Ecosystems, 2023, 26, 1-28.	3.4	21
2	Inâ€Situ Quantification and Prediction of Water Yield From Southern US Pine Forests. Water Resources Research, 2022, 58, .	4.2	4
3	A little relief: Ecological functions and autogenesis of wetland microtopography. Wiley Interdisciplinary Reviews: Water, 2021, 8, .	6.5	14
4	Installation Matters: Implications for In Situ Water Quality Monitoring. Water Resources Research, 2021, 57, e2020WR028294.	4.2	3
5	Hydrologic variability in black ash wetlands: Implications for vulnerability to emerald ash borer. Hydrological Processes, 2021, 35, e14014.	2.6	8
6	Remotely-sensed evapotranspiration for informed urban forest management. Landscape and Urban Planning, 2021, 210, 104069.	7.5	7
7	Red maple dominance and community homogenization in a disturbed forested wetland. Wetlands Ecology and Management, 2021, 29, 599-615.	1.5	6
8	Comparison of benthic macroinvertebrate assessment methods along a salinity gradient in headwater streams. Environmental Monitoring and Assessment, 2021, 193, 765.	2.7	3
9	Local Storage Dynamics of Individual Wetlands Predict Wetlandscape Discharge. Water Resources Research, 2020, 56, e2020WR027581.	4.2	9
10	A proposed method for estimating interception from near-surface soil moisture response. Hydrology and Earth System Sciences, 2020, 24, 1859-1870.	4.9	6
11	Fertilization has negligible effects on nutrient export and stream biota in two North Florida forested watersheds. Forest Ecology and Management, 2020, 465, 118096.	3.2	6
12	Microtopography is a fundamental organizing structure of vegetation and soil chemistry in black ash wetlands. Biogeosciences, 2020, 17, 901-915.	3.3	25
13	Impacts to water quality and biota persist in mining-influenced Appalachian streams. Science of the Total Environment, 2020, 717, 137216.	8.0	11
14	Selenium Bioaccumulation Across Trophic Levels and Along a Longitudinal Gradient in Headwater Streams. Environmental Toxicology and Chemistry, 2020, 39, 692-704.	4.3	15
15	Ecohydrologic processes and soil thickness feedbacks control limestone-weathering rates in a karst landscape. Chemical Geology, 2019, 527, 118774.	3.3	20
16	Mass balance implies Holocene development of a low-relief karst patterned landscape. Chemical Geology, 2019, 527, 118782.	3.3	13
17	Wetland Connectivity Thresholds and Flow Dynamics From Stage Measurements. Water Resources Research, 2019, 55, 6018-6032.	4.2	19
18	Quantifying wetland microtopography with terrestrial laser scanning. Remote Sensing of Environment, 2019, 232, 111271.	11.0	22

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19	Quantifying spatiotemporal variation in headwater stream length using flow intermittency sensors. Environmental Monitoring and Assessment, 2019, 191, 226.	2.7	54
20	Modeling Connectivity of Nonâ€floodplain Wetlands: Insights, Approaches, and Recommendations. Journal of the American Water Resources Association, 2019, 55, 559-577.	2.4	26
21	Short- and long-term hydrologic controls on smouldering fire in wetland soils. International Journal of Wildland Fire, 2019, 28, 177.	2.4	11
22	Pattern and structure of microtopography implies autogenic origins in forested wetlands. Hydrology and Earth System Sciences, 2019, 23, 5069-5088.	4.9	18
23	Linking ecosystem function and hydrologic regime to inform restoration of a forested peatland. Journal of Environmental Management, 2019, 233, 342-351.	7.8	10
24	Depressional wetlands affect watershed hydrological, biogeochemical, and ecological functions. Ecological Applications, 2018, 28, 953-966.	3.8	91
25	From salamanders to greenhouse gases: does upland management affect wetland functions?. Frontiers in Ecology and the Environment, 2018, 16, 14-19.	4.0	27
26	Estimating restorable wetland water storage at landscape scales. Hydrological Processes, 2018, 32, 305-313.	2.6	44
27	A watershed-scale model for depressional wetland-rich landscapes. Journal of Hydrology X, 2018, 1, 100002.	1.6	31
28	Forested versus herbaceous wetlands: Can management mitigate ecohydrologic regime shifts from invasive emerald ash borer?. Journal of Environmental Management, 2018, 222, 436-446.	7.8	27
29	Stream phosphorus dynamics of minimally impacted coastal plain watersheds. Hydrological Processes, 2017, 31, 1636-1649.	2.6	8
30	Drying Rates of Ephemeral Wetlands: Implications for Breeding Amphibians. Wetlands, 2017, 37, 545-557.	1.5	37
31	Enhancing protection for vulnerable waters. Nature Geoscience, 2017, 10, 809-815.	12.9	141
32	Integrating geographically isolated wetlands into land management decisions. Frontiers in Ecology and the Environment, 2017, 15, 319-327.	4.0	92
33	The socioecohydrology of rainwater harvesting in India: understanding water storage and release dynamics across spatial scales. Hydrology and Earth System Sciences, 2016, 20, 2629-2647.	4.9	30
34	Geographically isolated wetlands are part of the hydrological landscape. Hydrological Processes, 2016, 30, 153-160.	2.6	127
35	Do geographically isolated wetlands influence landscape functions?. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1978-1986.	7.1	297
36	Hydrologic implications of smoldering fires in wetland landscapes. Freshwater Science, 2015, 34, 1394-1405.	1.8	16

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37	Analyzing Trade-Offs, Synergies, and Drivers among Timber Production, Carbon Sequestration, and Water Yield in Pinus elliotii Forests in Southeastern USA. Forests, 2014, 5, 1409-1431.	2.1	68
38	Estimating effective specific yield in inundated conditions: a comment on a recent application. Ecohydrology, 2014, 7, 1245-1247.	2.4	1
39	Evidence of biogeomorphic patterning in a lowâ€relief karst landscape. Earth Surface Processes and Landforms, 2014, 39, 2027-2037.	2.5	22
40	A significant nexus: Geographically isolated wetlands influence landscape hydrology. Water Resources Research, 2014, 50, 7153-7166.	4.2	104
41	Ecosystem specific yield for estimating evapotranspiration and groundwater exchange from diel surface water variation. Hydrological Processes, 2014, 28, 1495-1506.	2.6	40
42	Managing Forests for Increased Regional Water Yield in the Southeastern U.S. Coastal Plain. Journal of the American Water Resources Association, 2013, 49, 953-965.	2.4	62
43	Realizing ecosystem services: wetland hydrologic function along a gradient of ecosystem condition. Ecological Applications, 2013, 23, 1619-1631.	3.8	105
44	The Ecohydrology of a pioneer wetland species and a drastically altered landscape. Ecohydrology, 2012, 5, 656-667.	2.4	8
45	Thermal artifacts in measurements of fineâ€scale water level variation. Water Resources Research, 2011, 47, .	4.2	37