

Daniel L McLaughlin

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,746
citations

331259

21
h-index

276539

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. <i>Ecosystems</i> , 2023, 26, 1-28.	1.6	21
2	<i>In-Situ</i> Quantification and Prediction of Water Yield From Southern US Pine Forests. <i>Water Resources Research</i> , 2022, 58, .	1.7	4
3	A little relief: Ecological functions and autogenesis of wetland microtopography. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, .	2.8	14
4	Installation Matters: Implications for In Situ Water Quality Monitoring. <i>Water Resources Research</i> , 2021, 57, e2020WR028294.	1.7	3
5	Hydrologic variability in black ash wetlands: Implications for vulnerability to emerald ash borer. <i>Hydrological Processes</i> , 2021, 35, e14014.	1.1	8
6	Remotely-sensed evapotranspiration for informed urban forest management. <i>Landscape and Urban Planning</i> , 2021, 210, 104069.	3.4	7
7	Red maple dominance and community homogenization in a disturbed forested wetland. <i>Wetlands Ecology and Management</i> , 2021, 29, 599-615.	0.7	6
8	Comparison of benthic macroinvertebrate assessment methods along a salinity gradient in headwater streams. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 765.	1.3	3
9	Local Storage Dynamics of Individual Wetlands Predict Wetlandscape Discharge. <i>Water Resources Research</i> , 2020, 56, e2020WR027581.	1.7	9
10	A proposed method for estimating interception from near-surface soil moisture response. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 1859-1870.	1.9	6
11	Fertilization has negligible effects on nutrient export and stream biota in two North Florida forested watersheds. <i>Forest Ecology and Management</i> , 2020, 465, 118096.	1.4	6
12	Microtopography is a fundamental organizing structure of vegetation and soil chemistry in black ash wetlands. <i>Biogeosciences</i> , 2020, 17, 901-915.	1.3	25
13	Impacts to water quality and biota persist in mining-influenced Appalachian streams. <i>Science of the Total Environment</i> , 2020, 717, 137216.	3.9	11
14	Selenium Bioaccumulation Across Trophic Levels and Along a Longitudinal Gradient in Headwater Streams. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 692-704.	2.2	15
15	Ecohydrologic processes and soil thickness feedbacks control limestone-weathering rates in a karst landscape. <i>Chemical Geology</i> , 2019, 527, 118774.	1.4	20
16	Mass balance implies Holocene development of a low-relief karst patterned landscape. <i>Chemical Geology</i> , 2019, 527, 118782.	1.4	13
17	Wetland Connectivity Thresholds and Flow Dynamics From Stage Measurements. <i>Water Resources Research</i> , 2019, 55, 6018-6032.	1.7	19
18	Quantifying wetland microtopography with terrestrial laser scanning. <i>Remote Sensing of Environment</i> , 2019, 232, 111271.	4.6	22

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19	Quantifying spatiotemporal variation in headwater stream length using flow intermittency sensors. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 226.	1.3	54
20	Modeling Connectivity of Non-floodplain Wetlands: Insights, Approaches, and Recommendations. <i>Journal of the American Water Resources Association</i> , 2019, 55, 559-577.	1.0	26
21	Short- and long-term hydrologic controls on smouldering fire in wetland soils. <i>International Journal of Wildland Fire</i> , 2019, 28, 177.	1.0	11
22	Pattern and structure of microtopography implies autogenic origins in forested wetlands. <i>Hydrology and Earth System Sciences</i> , 2019, 23, 5069-5088.	1.9	18
23	Linking ecosystem function and hydrologic regime to inform restoration of a forested peatland. <i>Journal of Environmental Management</i> , 2019, 233, 342-351.	3.8	10
24	Depressional wetlands affect watershed hydrological, biogeochemical, and ecological functions. <i>Ecological Applications</i> , 2018, 28, 953-966.	1.8	91
25	From salamanders to greenhouse gases: does upland management affect wetland functions?. <i>Frontiers in Ecology and the Environment</i> , 2018, 16, 14-19.	1.9	27
26	Estimating restorable wetland water storage at landscape scales. <i>Hydrological Processes</i> , 2018, 32, 305-313.	1.1	44
27	A watershed-scale model for depressional wetland-rich landscapes. <i>Journal of Hydrology X</i> , 2018, 1, 100002.	0.8	31
28	Forested versus herbaceous wetlands: Can management mitigate ecohydrologic regime shifts from invasive emerald ash borer?. <i>Journal of Environmental Management</i> , 2018, 222, 436-446.	3.8	27
29	Stream phosphorus dynamics of minimally impacted coastal plain watersheds. <i>Hydrological Processes</i> , 2017, 31, 1636-1649.	1.1	8
30	Drying Rates of Ephemeral Wetlands: Implications for Breeding Amphibians. <i>Wetlands</i> , 2017, 37, 545-557.	0.7	37
31	Enhancing protection for vulnerable waters. <i>Nature Geoscience</i> , 2017, 10, 809-815.	5.4	141
32	Integrating geographically isolated wetlands into land management decisions. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 319-327.	1.9	92
33	The socioecohydrology of rainwater harvesting in India: understanding water storage and release dynamics across spatial scales. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 2629-2647.	1.9	30
34	Geographically isolated wetlands are part of the hydrological landscape. <i>Hydrological Processes</i> , 2016, 30, 153-160.	1.1	127
35	Do geographically isolated wetlands influence landscape functions?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1978-1986.	3.3	297
36	Hydrologic implications of smoldering fires in wetland landscapes. <i>Freshwater Science</i> , 2015, 34, 1394-1405.	0.9	16

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37	Analyzing Trade-Offs, Synergies, and Drivers among Timber Production, Carbon Sequestration, and Water Yield in <i>Pinus elliotii</i> Forests in Southeastern USA. <i>Forests</i> , 2014, 5, 1409-1431.	0.9	68
38	Estimating effective specific yield in inundated conditions: a comment on a recent application. <i>Ecohydrology</i> , 2014, 7, 1245-1247.	1.1	1
39	Evidence of biogeomorphic patterning in a low-relief karst landscape. <i>Earth Surface Processes and Landforms</i> , 2014, 39, 2027-2037.	1.2	22
40	A significant nexus: Geographically isolated wetlands influence landscape hydrology. <i>Water Resources Research</i> , 2014, 50, 7153-7166.	1.7	104
41	Ecosystem specific yield for estimating evapotranspiration and groundwater exchange from diel surface water variation. <i>Hydrological Processes</i> , 2014, 28, 1495-1506.	1.1	40
42	Managing Forests for Increased Regional Water Yield in the Southeastern U.S. Coastal Plain. <i>Journal of the American Water Resources Association</i> , 2013, 49, 953-965.	1.0	62
43	Realizing ecosystem services: wetland hydrologic function along a gradient of ecosystem condition. <i>Ecological Applications</i> , 2013, 23, 1619-1631.	1.8	105
44	The Ecohydrology of a pioneer wetland species and a drastically altered landscape. <i>Ecohydrology</i> , 2012, 5, 656-667.	1.1	8
45	Thermal artifacts in measurements of fine-scale water level variation. <i>Water Resources Research</i> , 2011, 47, .	1.7	37