Jody D Potter

List of Publications by Year
in descending order

25 papers	3,320 citations	394421 19 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	3615 citing authors

#	Article	IF	Citations
1	Stream denitrification across biomes and its response to anthropogenic nitrate loading. Nature, 2008, 452, 202-205.	27.8	1,097
2	Nitrous oxide emission from denitrification in stream and river networks. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 214-219.	7.1	517
3	Scaling the gas transfer velocity and hydraulic geometry in streams and small rivers. Limnology & Oceanography Fluids & Environments, 2012, 2, 41-53.	1.7	444
4	Interâ€regional comparison of landâ€use effects on stream metabolism. Freshwater Biology, 2010, 55, 1874-1890.	2.4	267
5	Nitrate removal in stream ecosystems measured by 15N addition experiments: Denitrification. Limnology and Oceanography, 2009, 54, 666-680.	3.1	181
6	Nitrate removal in stream ecosystems measured by 15N addition experiments: Total uptake. Limnology and Oceanography, 2009, 54, 653-665.	3.1	165
7	Thinking outside the channel: modeling nitrogen cycling in networked river ecosystems. Frontiers in Ecology and the Environment, 2011, 9, 229-238.	4.0	104
8	Salinization of urbanizing New Hampshire streams and groundwater: effects of road salt and hydrologic variability. Journal of the North American Benthological Society, 2009, 28, 929-940.	3.1	102
9	Deconstructing the Effects of Flow on DOC, Nitrate, and Major Ion Interactions Using a Highâ€Frequency Aquatic Sensor Network. Water Resources Research, 2017, 53, 10655-10673.	4.2	62
10	Cross-stream comparison of substrate-specific denitrification potential. Biogeochemistry, 2011, 104, 381-392.	3.5	59
11	An Evaluation of Nitrate, fDOM, and Turbidity Sensors in New Hampshire Streams. Water Resources Research, 2018, 54, 2466-2479.	4.2	45
12	Homogenization of dissolved organic matter within a river network occurs in the smallest headwaters. Biogeochemistry, 2019, 143, 85-104.	3.5	37
13	Leaf-litter leachate is distinct in optical properties and bioavailability to stream heterotrophs. Freshwater Science, 2015, 34, 857-866.	1.8	31
14	Using Inâ€Situ Optical Sensors to Understand the Biogeochemistry of Dissolved Organic Matter Across a Stream Network. Water Resources Research, 2018, 54, 2949-2958.	4.2	27
15	Divergent Controls on Stream Greenhouse Gas Concentrations Across a Land-Use Gradient. Ecosystems, 2021, 24, 1299-1316.	3.4	24
16	Effects of Sewage Effluents on Water Quality in Tropical Streams. Journal of Environmental Quality, 2014, 43, 2053-2063.	2.0	23
17	Incorporating urban infrastructure into biogeochemical assessment of urban tropical streams in Puerto Rico. Biogeochemistry, 2014, 121, 271-286.	3.5	23
18	Denitrification and total nitrate uptake in streams of a tropical landscape. Ecological Applications, 2010, 20, 2104-2115.	3.8	22

#	Article	IF	Citations
19	Nutrient export and elemental stoichiometry in an urban tropical river. Ecological Applications, 2019, 29, e01839.	3.8	22
20	Multiyear Trends in Solute Concentrations and Fluxes From a Suburban Watershed: Evaluating Effects of 100â€Year Flood Events. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 3072-3087.	3.0	18
21	Land Use Overrides Stream Order and Season in Driving Dissolved Organic Matter Dynamics Throughout the Year in a River Network. Environmental Science & Technology, 2022, 56, 2009-2020.	10.0	17
22	Luquillo Experimental Forest: Catchment science in the montane tropics. Hydrological Processes, 2021, 35, e14146.	2.6	12
23	The Lamprey River Hydrological Observatory: Suburbanization and changing seasonality. Hydrological Processes, 2021, 35, e14131.	2.6	10
24	Limited uptake of nutrient input from sewage effluent in a tropical landscape. Freshwater Science, 2016, 35, 12-24.	1.8	9
25	Context dependence in a tropical forest: Repeated disturbance reduces soil nitrate response but increases phosphate. Ecosphere, 2022, 13, .	2.2	2