Stephen Hamilton

List of Publications by Year
in descending order

181	16,970	15504 65	16183 124
papers	citations	h-index	g-index

187	187	187	15259
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Flood Plains of Large Rivers. , 2022, , 290-300.		1
2	Water quality ramifications of temporary drawdown of Oregon reservoirs to facilitate juvenile Chinook salmon passage. Lake and Reservoir Management, 2022, 38, 165-179.	1.3	3
3	Reducing adverse impacts of Amazon hydropower expansion. Science, 2022, 375, 753-760.	12.6	60
4	An evaluation of carbon indicators of soil health in long-term agricultural experiments. Soil Biology and Biochemistry, 2022, 172, 108708.	8.8	63
5	How much inundation occurs in the Amazon River basin?. Remote Sensing of Environment, 2022, 278, 113099.	11.0	18
6	Landâ€based climate solutions for the United States. Global Change Biology, 2022, 28, 4912-4919.	9.5	12
7	Selecting soil hydraulic properties as indicators of soil health: Measurement response to management and site characteristics. Soil Science Society of America Journal, 2022, 86, 1206-1226.	2.2	18
8	Alternative Biogeochemical States of River Pools Mediated by Hippo Use and Flow Variability. Ecosystems, 2021, 24, 284-300.	3.4	16
9	Hydropeaking by Small Hydropower Facilities Affects Flow Regimes on Tributaries to the Pantanal Wetland of Brazil. Frontiers in Environmental Science, 2021, 9, .	3.3	7
10	Longâ€term increases in shell thickness in Elliptio complanata (Bivalvia: Unionidae) in the freshwater tidal Hudson River. Freshwater Biology, 2021, 66, 1375-1381.	2.4	3
11	Cascading effects: insights from the U.S. Long Term Ecological Research Network. Ecosphere, 2021, 12, e03430.	2.2	8
12	Root water uptake of biofuel crops revealed by coupled electrical resistivity and soil water content measurements. Vadose Zone Journal, 2021, 20, e20124.	2.2	2
13	Albedo-induced global warming impact of Conservation Reserve Program grasslands converted to annual and perennial bioenergy crops. Environmental Research Letters, 2021, 16, 084059.	5.2	8
14	Water quality impacts of small hydroelectric power plants in a tributary to the Pantanal floodplain, Brazil. River Research and Applications, 2021, 37, 448-461.	1.7	8
15	Phosphorus availability and leaching losses in annual and perennial cropping systems in an upper US Midwest landscape. Scientific Reports, 2021, 11, 20367.	3.3	13
16	Animal legacies lost and found in river ecosystems. Environmental Research Letters, 2021, 16, 115011.	5.2	7
17	Climate change may impair electricity generation and economic viability of future Amazon hydropower. Global Environmental Change, 2021, 71, 102383.	7.8	18
18	The meta-gut: community coalescence of animal gut and environmental microbiomes. Scientific Reports, 2021, 11, 23117.	3.3	17

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19	Modeling the effects of vegetation on stream temperature dynamics in a large, mixed land cover watershed in the Great Lakes region. Journal of Hydrology, 2020, 581, 124283.	5.4	6
20	Longâ€term evapotranspiration rates for rainfed corn versus perennial bioenergy crops in a mesic landscape. Hydrological Processes, 2020, 34, 810-822.	2.6	13
21	Further Development of Small Hydropower Facilities Will Significantly Reduce Sediment Transport to the Pantanal Wetland of Brazil. Frontiers in Environmental Science, 2020, 8, .	3.3	14
22	Hydropeaking Operations of Two Run-of-River Mega-Dams Alter Downstream Hydrology of the Largest Amazon Tributary. Frontiers in Environmental Science, 2020, 8, .	3.3	31
23	Measuring Floodplain Inundation Using Diel Amplitude of Temperature. Sensors, 2020, 20, 6189.	3.8	1
24	Comparative analysis of water budgets across the U.S. long-term agroecosystem research network. Journal of Hydrology, 2020, 588, 125021.	5.4	24
25	Parasite and pathogen effects on ecosystem processes: A quantitative review. Ecosphere, 2020, 11, e03057.	2.2	22
26	Predicted impacts of proposed hydroelectric facilities on fish migration routes upstream from the Pantanal wetland (Brazil). River Research and Applications, 2020, 36, 452-464.	1.7	21
27	Longâ€term variability and density dependence in Hudson River Dreissena populations. Freshwater Biology, 2020, 65, 474-489.	2.4	23
28	Empirical Evidence for the Potential Climate Benefits of Decarbonizing Light Vehicle Transport in the U.S. with Bioenergy from Purpose-Grown Biomass with and without BECCS. Environmental Science & Technology, 2020, 54, 2961-2974.	10.0	48
29	Leaching losses of dissolved organic carbon and nitrogen from agricultural soils in the upper US Midwest. Science of the Total Environment, 2020, 734, 139379.	8.0	40
30	Further Development of Small Hydropower Facilities May Alter Nutrient Transport to the Pantanal Wetland of Brazil. Frontiers in Environmental Science, 2020, 8, .	3.3	5
31	Widespread diminishing anthropogenic effects on calcium in freshwaters. Scientific Reports, 2019, 9, 10450.	3.3	84
32	Decomposition in flocculent sediments of shallow freshwaters and its sensitivity to warming. Freshwater Science, 2019, 38, 899-916.	1.8	1
33	Reducing greenhouse gas emissions of Amazon hydropower with strategic dam planning. Nature Communications, 2019, 10, 4281.	12.8	126
34	Complex interactions between climate change, sanitation, and groundwater quality: a case study from Ramotswa, Botswana. Hydrogeology Journal, 2019, 27, 997-1015.	2.1	38
35	Conservation planning for river-wetland mosaics: A flexible spatial approach to integrate floodplain and upstream catchment connectivity. Biological Conservation, 2019, 236, 356-365.	4.1	25
36	Mass balances of major solutes, nutrients and particulate matter as water moves through the floodplains of the Pantanal (Paraguay River, Brazil). Revista Brasileira De Recursos Hidricos, 2019, 24, .	0.5	9

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37	Evapotranspiration and water use efficiency of continuous maize and maize and soybean in rotation in the upper Midwest U.S.. Agricultural Water Management, 2019, 221, 92-98.	5.6	27
38	Seasonal and Long-Term Dynamics in Stream Water Sodium Chloride Concentrations and the Effectiveness of Road Salt Best Management Practices. Water, Air, and Soil Pollution, 2019, 230, 1.	2.4	30
39	Characterizing seasonal dynamics of Amazonian wetlands for conservation and decision making. Aquatic Conservation: Marine and Freshwater Ecosystems, 2019, 29, 1073-1082.	2.0	31
40	Limnological effects of a large Amazonian run-of-river dam on the main river and drowned tributary valleys. Scientific Reports, 2019, 9, 16846.	3.3	30
41	Nitrate Leaching from Continuous Corn, Perennial Grasses, and Poplar in the US Midwest. Journal of Environmental Quality, 2019, 48, 1849-1855.	2.0	34
42	Isotopic evidence for episodic nitrogen fixation in switchgrass (Panicum virgatum L.). Soil Biology and Biochemistry, 2019, 129, 90-98.	8.8	59
43	Carbon debt of field-scale conservation reserve program grasslands converted to annual and perennial bioenergy crops. Environmental Research Letters, 2019, 14, 024019.	5.2	31
44	Ecosystem carbon exchange on conversion of Conservation Reserve Program grasslands to annual and perennial cropping systems. Agricultural and Forest Meteorology, 2018, 253-254, 151-160.	4.8	29
45	Evapotranspiration is resilient in the face of land cover and climate change in a humid temperate catchment. Hydrological Processes, 2018, 32, 655-663.	2.6	19
46	Anthropogenic influences on riverine fluxes of dissolved inorganic carbon to the oceans. Limnology and Oceanography Letters, 2018, 3, 143-155.	3.9	75
47	Partitioning assimilatory nitrogen uptake in streams: an analysis of stable isotope tracer additions across continents. Ecological Monographs, 2018, 88, 120-138.	5.4	60
48	Rainfall Intensification Enhances Deep Percolation and Soil Water Content in Tilled and Noâ€Till Cropping Systems of the US Midwest. Vadose Zone Journal, 2018, 17, 1-12.	2.2	18
49	A diverse suite of pharmaceuticals contaminates stream and riparian food webs. Nature Communications, 2018, 9, 4491.	12.8	189
50	The greenhouse gas cost of agricultural intensification with groundwater irrigation in a Midwest U.S. row cropping system. Global Change Biology, 2018, 24, 5948-5960.	9.5	40
51	Legacy effects of land use on soil nitrous oxide emissions in annual crop and perennial grassland ecosystems. Ecological Applications, 2018, 28, 1362-1369.	3.8	25
52	Organic matter loading by hippopotami causes subsidy overload resulting in downstream hypoxia and fish kills. Nature Communications, 2018, 9, 1951.	12.8	59
53	Unexpected population response to increasing temperature in the context of a strong species interaction. Ecological Applications, 2017, 27, 1657-1665.	3.8	8
54	A Global Assessment of Inland Wetland Conservation Status. BioScience, 2017, 67, 523-533.	4.9	152

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55	Cellulosic biofuel contributions to a sustainable energy future: Choices and outcomes. Science, 2017, 356, .	12.6	314
56	LAGOS-NE: a multi-scaled geospatial and temporal database of lake ecological context and water quality for thousands of US lakes. GigaScience, 2017, 6, 1-22.	6.4	102
57	Ecosystem Water-Use Efficiency of Annual Corn and Perennial Grasslands: Contributions from Land-Use History and Species Composition. Ecosystems, 2016, 19, 1001-1012.	3.4	41
58	Phosphorus release from the drying and reflooding of diverse shallow sediments. Biogeochemistry, 2016, 130, 159-176.	3.5	31
59	Nitrogen fertilization challenges the climate benefit of cellulosic biofuels. Environmental Research Letters, 2016, 11, 064007.	5.2	69
60	Changes in river water quality caused by a diversion hydropower dam bordering the Pantanal floodplain. Hydrobiologia, 2016, 768, 223-238.	2.0	45
61	Evapotranspiration of annual and perennial biofuel crops in a variable climate. GCB Bioenergy, 2015, 7, 1344-1356.	5.6	54
62	Heat-induced mass mortality of invasive zebra mussels (Dreissena polymorpha) at sublethal water temperatures. Canadian Journal of Fisheries and Aquatic Sciences, 2015, 72, 1221-1229.	1.4	33
63	Development of a global inundation map at high spatial resolution from topographic downscaling of coarse-scale remote sensing data. Remote Sensing of Environment, 2015, 158, 348-361.	11.0	213
64	Does flood rhythm drive ecosystem responses in tropical riverscapes?. Ecology, 2015, 96, 684-692.	3.2	77
65	Natural stressors in uncontaminated sediments of shallow freshwaters: The prevalence of sulfide, ammonia, and reduced iron. Environmental Toxicology and Chemistry, 2015, 34, 467-479.	4.3	18
66	Comparative water use by maize, perennial crops, restored prairie, and poplar trees in the US Midwest. Environmental Research Letters, 2015, 10, 064015.	5.2	58
67	Colonization and Spread of Limnoperna fortunei in South America. , 2015, , 333-355.		25
68	Effects of a diversion hydropower facility on the hydrological regime of the Correntes River, a tributary to the Pantanal floodplain, Brazil. Journal of Hydrology, 2015, 531, 810-820.	5.4	56
69	You are not always what we think you eat: selective assimilation across multiple wholeâ€stream isotopic tracer studies. Ecology, 2014, 95, 2757-2767.	3.2	44
70	UNDERSTANDING AND OVERCOMING BASELINE ISOTOPIC VARIABILITY IN RUNNING WATERS. River Research and Applications, 2014, 30, 155-165.	1.7	47
71	Farming for Ecosystem Services: An Ecological Approach to Production Agriculture. BioScience, 2014, 64, 404-415.	4.9	184
72	Re-flooding a Historically Drained Wetland Leads to Rapid Sediment Phosphorus Release. Ecosystems, 2014, 17, 641-656.	3.4	40

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73	Organic matter stocks increase with degree of invasion in temperate inland wetlands. Plant and Soil, 2014, 385, 107-123.	3.7	17
74	The Relative Importance of Groundwater and its Ecological Implications in Diverse Glacial Wetlands. American Midland Naturalist, 2014, 172, 205-218.	0.4	3
75	Floodplain inundation and vegetation dynamics in the Alligator Rivers region (Kakadu) of northern Australia assessed using optical and radar remote sensing. Remote Sensing of Environment, 2014, 147, 43-55.	11.0	93
76	Nitrogen availability increases the toxin quota of a harmful cyanobacterium, Microcystis aeruginosa. Water Research, 2014, 54, 188-198.	11.3	130
77	Plant-mediated transport and isotopic composition of methane from shallow tropical wetlands. Inland Waters, 2014, 4, 369-376.	2.2	8
78	Assessing the seasonal dynamics of inundation, turbidity, and aquatic vegetation in the Australian wetâ€“dry tropics using optical remote sensing. Ecohydrology, 2013, 6, 312-323.	2.4	59
79	From set-aside grassland to annual and perennial cellulosic biofuel crops: Effects of land use change on carbon balance. Agricultural and Forest Meteorology, 2013, 182-183, 1-12.	4.8	34
80	Quantifying the production of dissolved organic nitrogen in headwater streams using ¹⁵N tracer additions. Limnology and Oceanography, 2013, 58, 1271-1285.	3.1	21
81	Productivity, Disturbance and Ecosystem Size Have No Influence on Food Chain Length in Seasonally Connected Rivers. PLoS ONE, 2013, 8, e66240.	2.5	44
82	A Source of Terrestrial Organic Carbon to Investigate the Browning of Aquatic Ecosystems. PLoS ONE, 2013, 8, e75771.	2.5	36
83	Long-Term Ecological Research in a Human-Dominated World. BioScience, 2012, 62, 342-353.	4.9	53
84	Nitrogen transformations in a through-flow wetland revealed using whole-ecosystem pulsed 15 N additions. Limnology and Oceanography, 2012, 57, 221-234.	3.1	13
85	Phosphorus addition reverses the positive effect of zebra mussels (Dreissena polymorpha) on the toxic cyanobacterium, Microcystis aeruginosa. Water Research, 2012, 46, 3471-3478.	11.3	35
86	Impacts of glacial/interglacial cycles on continental rock weathering inferred using Sr/Ca and 87Sr/86Sr ratios in Michigan watersheds. Chemical Geology, 2012, 300-301, 97-108.	3.3	4
87	The fate of assimilated nitrogen in streams: an in situ benthic chamber study. Freshwater Biology, 2012, 57, 1113-1125.	2.4	26
88	Correction to â€œEvidence for carbon sequestration by agricultural limingâ€• Global Biogeochemical Cycles, 2012, 26, n/a-n/a.	4.9	0
89	Incorporating spatial variation of nitrification and denitrification rates into wholeâ€lake nitrogen dynamics. Journal of Geophysical Research, 2012, 117, .	3.3	30
90	Seasonal changes in water quality and macrophytes and the impact of cattle on tropical floodplain waterholes. Marine and Freshwater Research, 2012, 63, 788.	1.3	38

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91	Long-term nitrate loss along an agricultural intensity gradient in the Upper Midwest USA. Agriculture, Ecosystems and Environment, 2012, 149, 10-19.	5.3	137
92	Temporal and spatial variation in ecosystem metabolism and food web carbon transfer in a wetâ€dry tropical river. Freshwater Biology, 2012, 57, 435-450.	2.4	57
93	Biogeochemical time lags may delay responses of streams to ecological restoration. Freshwater Biology, 2012, 57, 43-57.	2.4	174
94	Fish mediate high food web connectivity in the lower reaches of a tropical floodplain river. Oecologia, 2012, 168, 829-838.	2.0	113
95	Denitrification by sulfur-oxidizing bacteria in a eutrophic lake. Aquatic Microbial Ecology, 2012, 66, 283-293.	1.8	28
96	Seasonal contrasts in carbon resources and ecological processes on a tropical floodplain. Freshwater Biology, 2011, 56, 1047-1064.	2.4	42
97	Thinking outside the channel: modeling nitrogen cycling in networked river ecosystems. Frontiers in Ecology and the Environment, 2011, 9, 229-238.	4.0	104
98	Water and energy footprints of bioenergy crop production on marginal lands. GCB Bioenergy, 2011, 3, 208-222.	5.6	42
99	CO2 fluxes of transitional bioenergy crops: effect of land conversion during the first year of cultivation. GCB Bioenergy, 2011, 3, 401-412.	5.6	39
100	The biogeochemistry of bioenergy landscapes: carbon, nitrogen, and water considerations. , 2011, 21, 1055-1067.		131
101	The â€˜wet-dryâ€™ in the wet-dry tropics drives river ecosystem structure and processes in northern Australia. Freshwater Biology, 2011, 56, 2169-2195.	2.4	115
102	Historical reconstruction of floodplain inundation in the Pantanal (Brazil) using neural networks. Journal of Hydrology, 2011, 399, 376-384.	5.4	58
103	Ecological management of intensively cropped agro-ecosystems improves soil quality with sustained productivity. Agriculture, Ecosystems and Environment, 2011, 140, 419-429.	5.3	136
104	Abiotic factors controlling the establishment and abundance of the invasive golden mussel Limnoperna fortunei. Biological Invasions, 2011, 13, 717-729.	2.4	53
105	Cross-stream comparison of substrate-specific denitrification potential. Biogeochemistry, 2011, 104, 381-392.	3.5	59
106	Beyond carbon and nitrogen: how the microbial energy economy couples elemental cycles in diverse ecosystems. Frontiers in Ecology and the Environment, 2011, 9, 44-52.	4.0	162
107	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
108	Carbon debt of Conservation Reserve Program (CRP) grasslands converted to bioenergy production. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13864-13869.	7.1	184

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109	Oxygen Depletion Events Control the Invasive Golden Mussel (Limnoperna fortunei) in a Tropical Floodplain. Wetlands, 2010, 30, 705-716.	1.5	25
110	Small-scale spatial variation of inundation dynamics in a floodplain of the Pantanal (Brazil). Hydrobiologia, 2010, 638, 223-233.	2.0	65
111	Biogeochemical implications of climate change for tropical rivers and floodplains. Hydrobiologia, 2010, 657, 19-35.	2.0	64
112	Interâ€regional comparison of landâ€use effects on stream metabolism. Freshwater Biology, 2010, 55, 1874-1890.	2.4	267
113	Modeling the potential distribution of the invasive golden mussel Limnoperna fortunei in the Upper Paraguay River system using limnological variables. Brazilian Journal of Biology, 2010, 70, 831-840.	0.9	33
114	Forecasting the expansion of the invasive golden mussel Limnoperna fortunei in Brazilian and North American rivers based on its occurrence in the Paraguay River and Pantanal wetland of Brazil. Aquatic Invasions, 2010, 5, 59-73.	1.6	61
115	Biogeochemical implications of climate change for tropical rivers and floodplains. , 2010, , 19-35.		1
116	Seasonal effects of zebra mussels on littoral nitrogen transformation rates in Gull Lake, Michigan, U.S.A.. Freshwater Biology, 2009, 54, 1427-1443.	2.4	30
117	Inorganic carbon isotope systematics in soil profiles undergoing silicate and carbonate weathering (Southern Michigan, USA). Chemical Geology, 2009, 264, 139-153.	3.3	40
118	Biogenic calciteâ€“phosphorus precipitation as a negative feedback to lake eutrophication. Canadian Journal of Fisheries and Aquatic Sciences, 2009, 66, 343-350.	1.4	58
119	Nitrate removal in stream ecosystems measured by 15N addition experiments: Total uptake. Limnology and Oceanography, 2009, 54, 653-665.	3.1	165
120	Nitrate removal in stream ecosystems measured by 15N addition experiments: Denitrification. Limnology and Oceanography, 2009, 54, 666-680.	3.1	181
121	Sediment nitrate manipulation using porewater equilibrators reveals potential for N and S coupling in freshwaters. Aquatic Microbial Ecology, 2009, 54, 233-241.	1.8	12
122	NO3 â^'-Driven SO4 2â^' Production in Freshwater Ecosystems: Implications for N and S Cycling. Ecosystems, 2008, 11, 908-922.	3.4	102
123	Rates of anaerobic microbial metabolism in wetlands of divergent hydrology on a glacial landscape. Wetlands, 2008, 28, 703-714.	1.5	15
124	Stream denitrification across biomes and its response to anthropogenic nitrate loading. Nature, 2008, 452, 202-205.	27.8	1,097
125	The production and emission of nitrous oxide from headwater streams in the Midwestern United States. Global Change Biology, 2008, 14, 878-894.	9.5	132
126	Primary Production in Tropical Streams and Rivers. , 2008, , 23-42.		73

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127	Invasive zebra mussels (Dreissena polymorpha) increase cyanobacterial toxin concentrations in low-nutrient lakes. Canadian Journal of Fisheries and Aquatic Sciences, 2008, 65, 448-455.	1.4	81
128	Sources and transport of carbon and nitrogen in the River Sava watershed, a major tributary of the River Danube. Applied Geochemistry, 2008, 23, 3685-3698.	3.0	61
129	Silicate and carbonate mineral weathering in soil profiles developed on Pleistocene glacial drift (Michigan, USA): Mass balances based on soil water geochemistry. Geochimica Et Cosmochimica Acta, 2008, 72, 1027-1042.	3.9	33
130	Mineral weathering rates in glacial drift soils (SW Michigan, USA): New constraints from seasonal sampling of waters and gases at soil monoliths. Chemical Geology, 2008, 249, 129-154.	3.3	8
131	Assimilatory uptake rather than nitrification and denitrification determines nitrogen removal patterns in streams of varying land use. Limnology and Oceanography, 2008, 53, 2558-2572.	3.1	66
132	Controls on algal abundance in a eutrophic river with varying degrees of impoundment (Kalamazoo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.3	14
133	Have we overemphasized the role of denitrification in aquatic ecosystems? A review of nitrate removal pathways. Frontiers in Ecology and the Environment, 2007, 5, 89-96.	4.0	906
134	Measurement of the stable isotope ratio of dissolved N₂ in ¹⁵N tracer experiments. Limnology and Oceanography: Methods, 2007, 5, 233-240.	2.0	54
135	Remote sensing of floodplain geomorphology as a surrogate for biodiversity in a tropical river system (Madre de Dios, Peru). Geomorphology, 2007, 89, 23-38.	2.6	158
136	Freshwater conservation planning in data-poor areas: An example from a remote Amazonian basin (Madre de Dios River, Peru and Bolivia). Biological Conservation, 2007, 135, 484-501.	4.1	104
137	Evidence for carbon sequestration by agricultural liming. Global Biogeochemical Cycles, 2007, 21, n/a-n/a.	4.9	115
138	Flow variability in dryland rivers: boom, bust and the bits in between. River Research and Applications, 2006, 22, 179-186.	1.7	268
139	Australia's tropical river systems: current scientific understanding and critical knowledge gaps for sustainable management. Marine and Freshwater Research, 2005, 56, 243.	1.3	51
140	Persistence of aquatic refugia between flow pulses in a dryland river system(Cooper Creek, Australia). Limnology and Oceanography, 2005, 50, 743-754.	3.1	92
141	Complex interactions between the zebra mussel, Dreissena polymorpha, and the harmful phytoplankter, Microcystis aeruginosa. Limnology and Oceanography, 2005, 50, 896-904.	3.1	78
142	Rapid Removal of Nitrate and Sulfate in Freshwater Wetland Sediments. Journal of Environmental Quality, 2005, 34, 2062-2071.	2.0	88
143	Separation of algae from detritus for stable isotope or ecological stoichiometry studies using density fractionation in colloidal silica. Limnology and Oceanography: Methods, 2005, 3, 149-157.	2.0	118
144	Specular Reflection and Diffuse Reflectance Spectroscopy of Soils. Applied Spectroscopy, 2005, 59, 39-46.	2.2	37

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145	Regionalization of methane emissions in the Amazon Basin with microwave remote sensing. Global Change Biology, 2004, 10, 530-544.	9.5	212
146	Carbon and nitrogen stoichiometry and nitrogen cycling rates in streams. Oecologia, 2004, 140, 458-467.	2.0	108
147	Seasonal inundation patterns in two large savanna floodplains of South America: the Llanos de Moxos(Bolivia) and the Llanos del Orinoco(Venezuela and Colombia). Hydrological Processes, 2004, 18, 2103-2116.	2.6	148
148	The role of instream vs allochthonous N in stream food webs: modeling the results of an isotope addition experiment. Journal of the North American Benthological Society, 2004, 23, 429-448.	3.1	46
149	Dominance of the noxious cyanobacterium Microcystis aeruginosa in lowâ€nutrient lakes is associated with exotic zebra mussels. Limnology and Oceanography, 2004, 49, 482-487.	3.1	129
150	Stream denitrification and total nitrate uptake rates measured using a field ¹⁵N tracer addition approach. Limnology and Oceanography, 2004, 49, 809-820.	3.1	164
151	Factors affecting ammonium uptake in streams - an inter-biome perspective. Freshwater Biology, 2003, 48, 1329-1352.	2.4	233
152	Can uptake length in streams be determined by nutrient addition experiments? Results from an interbiome comparison study. Journal of the North American Benthological Society, 2002, 21, 544-560.	3.1	186
153	N uptake as a function of concentration in streams. Journal of the North American Benthological Society, 2002, 21, 206-220.	3.1	222
154	Comparison of inundation patterns among major South American floodplains. Journal of Geophysical Research, 2002, 107, LBA 5-1.	3.3	190
155	A Cross-System Comparison of Bacterial and Fungal Biomass in Detritus Pools of Headwater Streams. Microbial Ecology, 2002, 43, 55-66.	2.8	193
156	Human impacts on hydrology in the pantanal wetland of South America. Water Science and Technology, 2002, 45, 35-44.	2.5	2
157	Foodweb analysis of the Orinoco floodplain based on production estimates and stable isotope data. Journal of the North American Benthological Society, 2001, 20, 241-254.	3.1	175
158	Control of Nitrogen Export from Watersheds by Headwater Streams. Science, 2001, 292, 86-90.	12.6	1,209
159	Bivalve diets in a midwestern U.S. stream: A stable isotope enrichment study. Limnology and Oceanography, 2001, 46, 514-522.	3.1	157
160	Inter-biome comparison of factors controlling stream metabolism. Freshwater Biology, 2001, 46, 1503-1517.	2.4	360
161	Nitrogen uptake and transformation in a midwestern U.S. stream: A stable isotope enrichment study. Biogeochemistry, 2001, 54, 297-340.	3.5	76
162	Methane emissions from the Orinoco River floodplain, Venezuela. Biogeochemistry, 2000, 51, 113-140.	3.5	93

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163	Ecological Determinism on the Orinoco Floodplain. BioScience, 2000, 50, 681.	4.9	159
164	Potential effects of a major navigation project (Paraguay-ParanÃ¡ HidrovÃa) on inundation in the Pantanal floodplains. River Research and Applications, 1999, 15, 289-299.	0.8	76
165	Potential effects of a major navigation project (Paraguayâ€“ParanÃ¡ HidrovÃa) on inundation in the Pantanal floodplains. River Research and Applications, 1999, 15, 289-299.	0.8	2
166	Passive microwave observations of inundation area and the area/stage relation in the Amazon River floodplain. International Journal of Remote Sensing, 1998, 19, 3055-3074.	2.9	131
167	Dynamics of floodplain inundation in the alluvial fan of the Taquari River (Pantanal, Brazil). Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 1998, 26, 916-922.	0.1	12
168	Limnological conditions associated with natural fish kills in the Pantanal Wetland of Brazil. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 1998, 26, 2189-2193.	0.1	10
169	An anoxic event and other biogeochemical effects of the Pantanal wetland on the Paraguay River. Limnology and Oceanography, 1997, 42, 257-272.	3.1	132
170	Inundation patterns in the Pantanal wetland of South America determined from passive microwave remote sensing. Archiv FÃ¼r Hydrobiologie, 1996, 137, 1-23.	1.1	227
171	Determination of inundation area in the Amazon River floodplain using the SMMR 37 GHz polarization difference. Remote Sensing of Environment, 1994, 48, 70-76.	11.0	118
172	Stable carbon and nitrogen isotopes in algae and detritus from the Orinoco River floodplain, Venezuela. Geochimica Et Cosmochimica Acta, 1992, 56, 4237-4246.	3.9	149
173	Energy sources for aquatic animals in the Orinoco River floodplain: evidence from stable isotopes. Oecologia, 1992, 89, 324-330.	2.0	232
174	Inundation area and morphometry of lakes on the Amazon River floodplain, Brazil. Archiv FÃ¼r Hydrobiologie, 1992, 123, 385-400.	1.1	94
175	Responses of zooplankton and zoobenthos to experimental acidification in a high-elevation lake (Sierra Nevada, California, U.S.A.). Freshwater Biology, 1990, 23, 571-586.	2.4	33
176	Zooplankton abundance and evidence for its reduction by macrophyte mats in two Orinoco floodplain lakes. Journal of Plankton Research, 1990, 12, 345-363.	1.8	51
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