

# William M Lewis

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6924500/william-m-lewis-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62

papers

3,502

citations

28

h-index

59

g-index

74

ext. papers

3,743

ext. citations

3.3

avg, IF

5.42

L-index

#	Paper	IF	Citations
62	Phytoplankton growth regulation by dissolved P and mortality regulation by endogenous cell death over 35 years of P control in a Mountain Lake.. <i>Journal of Plankton Research</i> , <b>2022</b> , 44, 3-21	2.2	
61	Rhythmic episodes of heating and cooling control thermal stratification of two tropical high mountain lakes. <i>Aquatic Sciences</i> , <b>2020</b> , 82, 1	2.5	6
60	Influences of fish on food web structure and function in mountain lakes. <i>Freshwater Biology</i> , <b>2019</b> , 64, 1572-1583	3.1	5
59	Effects of Climatic Change on Temperature and Thermal Structure of a Mountain Reservoir. <i>Water Resources Research</i> , <b>2019</b> , 55, 1988-1999	5.4	16
58	Trophic interactions across lake-stream boundaries in mountain lakes. <i>Inland Waters</i> , <b>2017</b> , 7, 440-448	2.4	8
57	K-Pg extinction patterns in marine and freshwater environments: The impact winter model. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2013</b> , 118, 1006-1014	3.7	29
56	Comparative adaptations of Aphanizomenon and Anabaena for nitrogen fixation under weak irradiance. <i>Freshwater Biology</i> , <b>2012</b> , 57, 1042-1049	3.1	10
55	Global primary production of lakes: 19th Baldi Memorial Lecture. <i>Inland Waters</i> , <b>2011</b> , 1, 1-28	2.4	88
54	The influence of channel bed disturbance on algal biomass in a Colorado mountain stream. <i>Ecohydrology</i> , <b>2011</b> , 4, 411-421	2.5	22
53	Rationale for control of anthropogenic nitrogen and phosphorus to reduce eutrophication of inland waters. <i>Environmental Science &amp; Technology</i> , <b>2011</b> , 45, 10300-5	10.3	350
52	Application of a nutrient-saturation concept to the control of algal growth in lakes. <i>Lake and Reservoir Management</i> , <b>2008</b> , 24, 41-46	1.3	9
51	Effects of Nutrient Enrichment on Phytoplankton in an Alpine Lake, Colorado, U.S.A. <i>Arctic, Antarctic, and Alpine Research</i> , <b>2008</b> , 40, 55-64	1.8	24
50	Nitrogen ebullition in a Colorado plains river. <i>Biogeochemistry</i> , <b>2008</b> , 89, 367-377	3.8	21
49	Control of Lacustrine Phytoplankton by Nutrients: Erosion of the Phosphorus Paradigm. <i>International Review of Hydrobiology</i> , <b>2008</b> , 93, 446-465	2.3	265
48	Use of Shields stress to reconstruct and forecast changes in river metabolism. <i>Freshwater Biology</i> , <b>2007</b> , 52, 1587-1601	3.1	19
47	The freshwater habitats, fishes, and fisheries of the Orinoco River basin. <i>Aquatic Ecosystem Health and Management</i> , <b>2007</b> , 10, 140-152	1.4	15
46	Land use change and nitrogen enrichment of a Rocky Mountain watershed <b>2006</b> , 16, 299-312		73

45	Groundwater flux and open-channel estimation of stream metabolism: response to Hall and Tank. <i>Limnology and Oceanography: Methods</i> , <b>2006</b> , 4, 213-215	2.6	10
44	PUBLISHING LIMNOLOGY, NOW AND THEN. <i>Limnology and Oceanography Bulletin</i> , <b>2005</b> , 14, 25-30	0.9	2
43	Whole-system estimation of denitrification in a plains river: a comparison of two methods. <i>Biogeochemistry</i> , <b>2005</b> , 73, 439-455	3.8	42
42	Fate and Transport of Organic Nitrogen in Minimally Disturbed Montane Streams of Colorado, USA. <i>Biogeochemistry</i> , <b>2005</b> , 74, 303-321	3.8	77
41	Direct and indirect effects of mine drainage on bacterial processes in mountain streams. <i>Journal of the North American Benthological Society</i> , <b>2003</b> , 22, 276-291		18
40	Open-channel estimation of denitrification. <i>Limnology and Oceanography: Methods</i> , <b>2003</b> , 1, 74-81	2.6	18
39	Patterns in the Chemical Fractionation of Organic Nitrogen in Rocky Mountain Streams. <i>Ecosystems</i> , <b>2003</b> , 6, 483-492	3.9	54
38	Analysis of groundwater exchange for a large plains river in Colorado (USA). <i>Hydrological Processes</i> , <b>2001</b> , 15, 609-620	3.3	14
37	LITTER BREAKDOWN IN MOUNTAIN STREAMS AFFECTED BY MINE DRAINAGE: BIOTIC MEDIATION OF ABIOTIC CONTROLS <b>2001</b> , 11, 506-516		87
36	Foodweb analysis of the Orinoco floodplain based on production estimates and stable isotope data. <i>Journal of the North American Benthological Society</i> , <b>2001</b> , 20, 241-254		155
35	ASLO PRESENT STATUS AND FUTURE PROSPECTS. <i>ASLO Bulletin</i> , <b>2000</b> , 9, 1-3		
34	Basis for the protection and management of tropical lakes. <i>Lakes and Reservoirs: Research and Management</i> , <b>2000</b> , 5, 35-48	1.2	145
33	Methane emissions from the Orinoco River floodplain, Venezuela. <i>Biogeochemistry</i> , <b>2000</b> , 51, 113-140	3.8	79
32	Nitrogen yields from undisturbed watersheds in the Americas. <i>Biogeochemistry</i> , <b>1999</b> , 46, 149-162	3.8	131
31	Nitrogen yields from undisturbed watersheds in the Americas. <i>Biogeochemistry</i> , <b>1999</b> , 46, 149-162	3.8	59
30	Influences of water and substrate quality for periphyton in a montane stream affected by acid mine drainage. <i>Limnology and Oceanography</i> , <b>1999</b> , 44, 804-809	4.8	58
29	STRUCTURE OF FISH ASSEMBLAGES ALONG ENVIRONMENTAL GRADIENTS IN FLOODPLAIN LAKES OF THE ORINOCO RIVER. <i>Ecological Monographs</i> , <b>1997</b> , 67, 109-128	9	202
28	Restoration of riparian forest using irrigation, artificial disturbance, and natural seedfall. <i>Environmental Management</i> , <b>1995</b> , 19, 547-557	3.1	66

27	Regulation and stability in fish assemblages of neotropical floodplain lakes. <i>Oecologia</i> , <b>1994</b> , 99, 166-180.	2.9	83
26	Nutrient limitation of bacterioplankton growth in Lake Dillon, Colorado. <i>Limnology and Oceanography</i> , <b>1992</b> , 37, 1179-1192	4.8	71
25	FURTHER EVIDENCE FOR ANOMALOUS SIZE SCALING OF RESPIRATION IN PHYTOPLANKTON1. <i>Journal of Phycology</i> , <b>1989</b> , 25, 395-397	3	11
24	Concentration and transport of dissolved and suspended substances in the Orinoco River. <i>Biogeochemistry</i> , <b>1989</b> , 7, 203-240	3.8	120
23	Transport of major solutes and the relationship between solute concentrations and discharge in the Apure River, Venezuela. <i>Biogeochemistry</i> , <b>1989</b> , 8, 101-113	3.8	20
22	Zooplankton abundance in the lower Orinoco River, Venezuela. <i>Limnology and Oceanography</i> , <b>1989</b> , 34, 397-409	4.8	41
21	RELATIONSHIPS BETWEEN GENETIC VARIABILITY AND LIFE-HISTORY FEATURES OF BONY FISHES. <i>Evolution; International Journal of Organic Evolution</i> , <b>1989</b> , 43, 1712-1723	3.8	26
20	Phytoplankton nutrient limitation in Colorado mountain lakes. <i>Freshwater Biology</i> , <b>1988</b> , 20, 315-327	3.1	215
19	Causes of seasonality in the chemistry of a lake on the Orinoco River floodplain, Venezuela1. <i>Limnology and Oceanography</i> , <b>1987</b> , 32, 1277-1290	4.8	96
18	A numerical model of nitrogen fixation and its application to Lake Valencia, Venezuela*. <i>Freshwater Biology</i> , <b>1987</b> , 17, 265-274	3.1	21
17	Phytoplankton succession in Lake Valencia, Venezuela. <i>Hydrobiologia</i> , <b>1986</b> , 138, 189-203	2.4	23
16	Ecological energetics of Chaoborus in a tropical lake. <i>Oecologia</i> , <b>1986</b> , 70, 326-331	2.9	14
15	The horizontal heterogeneity of nitrogen fixation in Lake Valencia, Venezuela1. <i>Limnology and Oceanography</i> , <b>1985</b> , 30, 1240-1245	4.8	9
14	Nonvisual feeding in a visual planktivore, <i>Xenomelaniris venezuelae</i> . <i>Oecologia</i> , <b>1984</b> , 64, 280-283	2.9	9
13	Cost and speed of locomotion for rotifers. <i>Oecologia</i> , <b>1984</b> , 61, 289-292	2.9	76
12	Diel variation of nitrogen fixation in Lake Valencia, Venezuela1. <i>Limnology and Oceanography</i> , <b>1984</b> , 29, 887-893	4.8	13
11	The light response of nitrogen fixation in Lake Valencia, Venezuela1. <i>Limnology and Oceanography</i> , <b>1984</b> , 29, 894-900	4.8	31
10	Eutrophication and Land Use. <i>Ecological Studies</i> , <b>1984</b> ,	1.1	18

9	A Revised Classification of Lakes Based on Mixing. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>1983</b> , 40, 1779-1787	2.4	230
8	Temperature, heat, and mixing in Lake Valencia, Venezuela <sup>1</sup> . <i>Limnology and Oceanography</i> , <b>1983</b> , 28, 273-286	4.8	50
7	INTERCEPTION OF ATMOSPHERIC FIXED NITROGEN AS AN ADAPTIVE ADVANTAGE OF SCUM FORMATION IN BLUE-GREEN ALGAE <sup>1</sup> . <i>Journal of Phycology</i> , <b>1983</b> , 19, 534-536	3	24
6	Vertical eddy diffusivities in a large tropical lake <sup>1</sup> . <i>Limnology and Oceanography</i> , <b>1982</b> , 27, 161-163	4.8	8
5	Chemistry of a 7.5-m sediment core from Lake Valencia, Venezuela <sup>1</sup> . <i>Limnology and Oceanography</i> , <b>1981</b> , 26, 907-924	4.8	24
4	Metabolic responses to temperature change in a tropical freshwater copepod ( <i>Mesocyclops brasiliensis</i> ) and their adaptive significance. <i>Oecologia</i> , <b>1979</b> , 42, 123-138	2.9	13
3	Spatial Distribution of the Phytoplankton in a Tropical Lake (Lake Lanao, Philippines). <i>International Review of Hydrobiology</i> , <b>1978</b> , 63, 619-635		4
2	Feeding selectivity of a tropical <i>Chaoborus</i> population. <i>Freshwater Biology</i> , <b>1977</b> , 7, 311-325	3.1	69
1	Observations on the superficial sediment temperatures of some lakes in the southeastern United States*. <i>Freshwater Biology</i> , <b>1976</b> , 6, 49-57	3.1	3