

William M Lewis

List of Publications by Citations

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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	Rationale for control of anthropogenic nitrogen and phosphorus to reduce eutrophication of inland waters. <i>Environmental Science & Technology</i> , 2011 , 45, 10300-5	10.3	350
61	Control of Lacustrine Phytoplankton by Nutrients: Erosion of the Phosphorus Paradigm. <i>International Review of Hydrobiology</i> , 2008 , 93, 446-465	2.3	265
60	A Revised Classification of Lakes Based on Mixing. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1983 , 40, 1779-1787	2.4	230
59	Phytoplankton nutrient limitation in Colorado mountain lakes. <i>Freshwater Biology</i> , 1988 , 20, 315-327	3.1	215
58	STRUCTURE OF FISH ASSEMBLAGES ALONG ENVIRONMENTAL GRADIENTS IN FLOODPLAIN LAKES OF THE ORINOCO RIVER. <i>Ecological Monographs</i> , 1997 , 67, 109-128	9	202
57	Foodweb analysis of the Orinoco floodplain based on production estimates and stable isotope data. <i>Journal of the North American Benthological Society</i> , 2001 , 20, 241-254		155
56	Basis for the protection and management of tropical lakes. <i>Lakes and Reservoirs: Research and Management</i> , 2000 , 5, 35-48	1.2	145
55	Nitrogen yields from undisturbed watersheds in the Americas. <i>Biogeochemistry</i> , 1999 , 46, 149-162	3.8	131
54	Concentration and transport of dissolved and suspended substances in the Orinoco River. <i>Biogeochemistry</i> , 1989 , 7, 203-240	3.8	120
53	Causes of seasonality in the chemistry of a lake on the Orinoco River floodplain, Venezuela1. <i>Limnology and Oceanography</i> , 1987 , 32, 1277-1290	4.8	96
52	Global primary production of lakes: 19th Baldi Memorial Lecture. <i>Inland Waters</i> , 2011 , 1, 1-28	2.4	88
51	LITTER BREAKDOWN IN MOUNTAIN STREAMS AFFECTED BY MINE DRAINAGE: BIOTIC MEDIATION OF ABIOTIC CONTROLS 2001 , 11, 506-516		87
50	Regulation and stability in fish assemblages of neotropical floodplain lakes. <i>Oecologia</i> , 1994 , 99, 166-180	2.9	83
49	Methane emissions from the Orinoco River floodplain, Venezuela. <i>Biogeochemistry</i> , 2000 , 51, 113-140	3.8	79
48	Fate and Transport of Organic Nitrogen in Minimally Disturbed Montane Streams of Colorado, USA. <i>Biogeochemistry</i> , 2005 , 74, 303-321	3.8	77
47	Cost and speed of locomotion for rotifers. <i>Oecologia</i> , 1984 , 61, 289-292	2.9	76
46	Land use change and nitrogen enrichment of a Rocky Mountain watershed 2006 , 16, 299-312		73

45	Nutrient limitation of bacterioplankton growth in Lake Dillon, Colorado. <i>Limnology and Oceanography</i> , 1992 , 37, 1179-1192	4.8	71
44	Feeding selectivity of a tropical Chaoborus population. <i>Freshwater Biology</i> , 1977 , 7, 311-325	3.1	69
43	Restoration of riparian forest using irrigation, artificial disturbance, and natural seedfall. <i>Environmental Management</i> , 1995 , 19, 547-557	3.1	66
42	Nitrogen yields from undisturbed watersheds in the Americas. <i>Biogeochemistry</i> , 1999 , 46, 149-162	3.8	59
41	Influences of water and substrate quality for periphyton in a montane stream affected by acid mine drainage. <i>Limnology and Oceanography</i> , 1999 , 44, 804-809	4.8	58
40	Patterns in the Chemical Fractionation of Organic Nitrogen in Rocky Mountain Streams. <i>Ecosystems</i> , 2003 , 6, 483-492	3.9	54
39	Temperature, heat, and mixing in Lake Valencia, Venezuela1. <i>Limnology and Oceanography</i> , 1983 , 28, 273-286	4.8	50
38	Whole-system estimation of denitrification in a plains river: a comparison of two methods. <i>Biogeochemistry</i> , 2005 , 73, 439-455	3.8	42
37	Zooplankton abundance in the lower Orinoco River, Venezuela. <i>Limnology and Oceanography</i> , 1989 , 34, 397-409	4.8	41
36	The light response of nitrogen fixation in Lake Valencia, Venezuela1. <i>Limnology and Oceanography</i> , 1984 , 29, 894-900	4.8	31
35	K-Pg extinction patterns in marine and freshwater environments: The impact winter model. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013 , 118, 1006-1014	3.7	29
34	RELATIONSHIPS BETWEEN GENETIC VARIABILITY AND LIFE-HISTORY FEATURES OF BONY FISHES. <i>Evolution; International Journal of Organic Evolution</i> , 1989 , 43, 1712-1723	3.8	26
33	Effects of Nutrient Enrichment on Phytoplankton in an Alpine Lake, Colorado, U.S.A. <i>Arctic, Antarctic, and Alpine Research</i> , 2008 , 40, 55-64	1.8	24
32	Chemistry of a 7.5-m sediment core from Lake Valencia, Venezuela1. <i>Limnology and Oceanography</i> , 1981 , 26, 907-924	4.8	24
31	INTERCEPTION OF ATMOSPHERIC FIXED NITROGEN AS AN ADAPTIVE ADVANTAGE OF SCUM FORMATION IN BLUE-GREEN ALGAE1. <i>Journal of Phycology</i> , 1983 , 19, 534-536	3	24
30	Phytoplankton succession in Lake Valencia, Venezuela. <i>Hydrobiologia</i> , 1986 , 138, 189-203	2.4	23
29	The influence of channel bed disturbance on algal biomass in a Colorado mountain stream. <i>Ecohydrology</i> , 2011 , 4, 411-421	2.5	22
28	Nitrogen ebullition in a Colorado plains river. <i>Biogeochemistry</i> , 2008 , 89, 367-377	3.8	21

27	A numerical model of nitrogen fixation and its application to Lake Valencia, Venezuela*. <i>Freshwater Biology</i> , 1987 , 17, 265-274	3.1	21
26	Transport of major solutes and the relationship between solute concentrations and discharge in the Apure River, Venezuela. <i>Biogeochemistry</i> , 1989 , 8, 101-113	3.8	20
25	Use of Shields stress to reconstruct and forecast changes in river metabolism. <i>Freshwater Biology</i> , 2007 , 52, 1587-1601	3.1	19
24	Direct and indirect effects of mine drainage on bacterial processes in mountain streams. <i>Journal of the North American Benthological Society</i> , 2003 , 22, 276-291		18
23	Open-channel estimation of denitrification. <i>Limnology and Oceanography: Methods</i> , 2003 , 1, 74-81	2.6	18
22	Eutrophication and Land Use. <i>Ecological Studies</i> , 1984 ,	1.1	18
21	Effects of Climatic Change on Temperature and Thermal Structure of a Mountain Reservoir. <i>Water Resources Research</i> , 2019 , 55, 1988-1999	5.4	16
20	The freshwater habitats, fishes, and fisheries of the Orinoco River basin. <i>Aquatic Ecosystem Health and Management</i> , 2007 , 10, 140-152	1.4	15
19	Analysis of groundwater exchange for a large plains river in Colorado (USA). <i>Hydrological Processes</i> , 2001 , 15, 609-620	3.3	14
18	Ecological energetics of Chaoborus in a tropical lake. <i>Oecologia</i> , 1986 , 70, 326-331	2.9	14
17	Diel variation of nitrogen fixation in Lake Valencia, Venezuela1. <i>Limnology and Oceanography</i> , 1984 , 29, 887-893	4.8	13
16	Metabolic responses to temperature change in a tropical freshwater copepod (<i>Mesocyclops brasiliensis</i>) and their adaptive significance. <i>Oecologia</i> , 1979 , 42, 123-138	2.9	13
15	FURTHER EVIDENCE FOR ANOMALOUS SIZE SCALING OF RESPIRATION IN PHYTOPLANKTON1. <i>Journal of Phycology</i> , 1989 , 25, 395-397	3	11
14	Comparative adaptations of <i>Aphanizomenon</i> and <i>Anabaena</i> for nitrogen fixation under weak irradiance. <i>Freshwater Biology</i> , 2012 , 57, 1042-1049	3.1	10
13	Groundwater flux and open-channel estimation of stream metabolism: response to Hall and Tank. <i>Limnology and Oceanography: Methods</i> , 2006 , 4, 213-215	2.6	10
12	Application of a nutrient-saturation concept to the control of algal growth in lakes. <i>Lake and Reservoir Management</i> , 2008 , 24, 41-46	1.3	9
11	Nonvisual feeding in a visual planktivore, <i>Xenomelaniris venezuelae</i> . <i>Oecologia</i> , 1984 , 64, 280-283	2.9	9
10	The horizontal heterogeneity of nitrogen fixation in Lake Valencia, Venezuela1. <i>Limnology and Oceanography</i> , 1985 , 30, 1240-1245	4.8	9

9	Trophic interactions across lake-stream boundaries in mountain lakes. <i>Inland Waters</i> , 2017 , 7, 440-448	2.4	8
8	Vertical eddy diffusivities in a large tropical lake. <i>Limnology and Oceanography</i> , 1982 , 27, 161-163	4.8	8
7	Rhythmic episodes of heating and cooling control thermal stratification of two tropical high mountain lakes. <i>Aquatic Sciences</i> , 2020 , 82, 1	2.5	6
6	Influences of fish on food web structure and function in mountain lakes. <i>Freshwater Biology</i> , 2019 , 64, 1572-1583	3.1	5
5	Spatial Distribution of the Phytoplankton in a Tropical Lake (Lake Lanao, Philippines). <i>International Review of Hydrobiology</i> , 1978 , 63, 619-635		4
4	Observations on the superficial sediment temperatures of some lakes in the southeastern United States*. <i>Freshwater Biology</i> , 1976 , 6, 49-57	3.1	3
3	PUBLISHING LIMNOLOGY, NOW AND THEN. <i>Limnology and Oceanography Bulletin</i> , 2005 , 14, 25-30	0.9	2
2	ASLO PRESENT STATUS AND FUTURE PROSPECTS. <i>ASLO Bulletin</i> , 2000 , 9, 1-3		
1	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> , 2022 , 44, 3-21	2.2	