John L Stoddard

List of Publications by Year
in descending order

51 papers	7,963 citations	136950 32 h-index	243625 44 g-index
51 all docs	51 docs citations	51 times ranked	6798 citing authors

#	Article	IF	Citations
1	Genus-level, trait-based multimetric diatom indices for assessing the ecological condition of rivers and streams across the conterminous United States. Ecological Indicators, 2022, 141, 109131.	6.3	9
2	Cleaner air reveals growing influence of climate on dissolved organic carbon trends in northern headwaters. Environmental Research Letters, 2021, 16, 104009.	5.2	37
3	Mapping watershed integrity for the conterminous United States. Ecological Indicators, 2018, 85, 1133-1148.	6.3	40
4	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
5	Continental-Scale Increase in Lake and Stream Phosphorus: Are Oligotrophic Systems Disappearing in the United States?. Environmental Science & Technology, 2016, 50, 3409-3415.	10.0	187
6	Effects and Empirical Critical Loads of Nitrogen for Ecoregions of the United States. Environmental Pollution, 2015, , 129-169.	0.4	3
7	Comment on Bachmann et al. (2013): A nonrepresentative sample cannot describe the extent of cultural eutrophication of natural lakes in the United States. Limnology and Oceanography, 2014, 59, 2226-2230.	3.1	11
8	Trends in Surface Water Chemistry in Acidified Areas in Europe and North America from 1990 to 2008. Water, Air, and Soil Pollution, 2014, 225, 1.	2.4	167
9	Stable isotope estimates of evaporation : inflow and water residence time for lakes across the United States as a tool for national lake water quality assessments. Limnology and Oceanography, 2014, 59, 2150-2165.	3.1	107
10	New Insights into the Source of Decadal Increases of Dissolved Organic Matter in Acid-Sensitive Lakes of the Northeastern United States. Environmental Science & Technology, 2012, 46, 3212-3219.	10.0	109
11	A Comparison of the Temporally Integrated Monitoring of Ecosystems and Adirondack Long-Term Monitoring Programs in the Adirondack Mountain Region of New York. Water, Air, and Soil Pollution, 2011, 222, 285-296.	2.4	6
12	Empirical Critical Loads of Atmospheric Nitrogen Deposition for Nutrient Enrichment and Acidification of Sensitive US Lakes. BioScience, 2011, 61, 602-613.	4.9	128
13	Effects of nitrogen deposition and empirical nitrogen critical loads for ecoregions of the United States. , 2011, 21, 3049-3082.		373
14	A process for creating multimetric indices for large-scale aquatic surveys. Journal of the North American Benthological Society, 2008, 27, 878-891.	3.1	337
15	Condition of stream ecosystems in the US: an overview of the first national assessment. Journal of the North American Benthological Society, 2008, 27, 812-821.	3.1	164
16	Striving for consistency in a national assessment: the challenges of applying a reference-condition approach at a continental scale. Journal of the North American Benthological Society, 2008, 27, 860-877.	3.1	184
17	Selecting reference sites for stream biological assessments: best professional judgment or objective criteria. Journal of the North American Benthological Society, 2007, 26, 349-360.	3.1	109
18	A Structured Approach for Developing Indices of Biotic Integrity: Three Examples from Streams and Rivers in the Western USA. Transactions of the American Fisheries Society, 2007, 136, 718-735.	1.4	143

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19	Dissolved organic carbon trends resulting from changes in atmospheric deposition chemistry. Nature, 2007, 450, 537-540.	27.8	1,471
20	SETTING EXPECTATIONS FOR THE ECOLOGICAL CONDITION OF STREAMS: THE CONCEPT OF REFERENCE CONDITION. , 2006, 16, 1267-1276.		823
21	Using Relative Risk to Compare the Effects of Aquatic Stressors at a Regional Scale. Environmental Management, 2006, 38, 1020-1030.	2.7	39
22	Use of Ecological Regions in Aquatic Assessments of Ecological Condition. Environmental Management, 2004, 34, S61-S70.	2.7	22
23	Peer Reviewed: Have U.S. Surface Waters Responded to the 1990 Clean Air Act Amendments?. Environmental Science & Technology, 2004, 38, 484A-490A.	10.0	95
24	Title is missing!. Water, Air, and Soil Pollution, 2003, 142, 409-424.	2.4	19
25	Development and Evaluation of a Macroinvertebrate Biotic Integrity Index (MBII) for Regionally Assessing Mid-Atlantic Highlands Streams. Environmental Management, 2003, 31, 656-669.	2.7	176
26	Is Nitrogen Deposition Altering the Nitrogen Status of Northeastern Forests?. BioScience, 2003, 53, 375.	4.9	544
27	REGIONAL CHARACTERISTICS OF NUTRIENT CONCENTRATIONS IN STREAMS AND THEIR APPLICATION TO NUTRIENT CRITERIA DEVELOPMENT. Journal of the American Water Resources Association, 2002, 38, 213-239.	2.4	59
28	Title is missing!. Biogeochemistry, 2002, 57, 341-374.	3.5	62
29	Trends in Surface Water Acidification in Europe and North America (1989â€“1998). Water, Air, and Soil Pollution, 2001, 130, 787-792.	2.4	89
30	Assessment of Nitrogen Leaching at ICP-Waters Sites (Europe and North America). Water, Air, and Soil Pollution, 2001, 130, 781-786.	2.4	33
31	Acidic Deposition in the Northeastern United States: Sources and Inputs, Ecosystem Effects, and Management Strategies. BioScience, 2001, 51, 180.	4.9	868
32	Development of an Index of Biotic Integrity for the Mid-Atlantic Highlands Region. Transactions of the American Fisheries Society, 2001, 130, 857-877.	1.4	165
33	SOIL CALCIUM STATUS AND THE RESPONSE OF STREAM CHEMISTRY TO CHANGING ACIDIC DEPOSITION RATES. , 1999, 9, 1059-1072.		118
34	A Regional Analysis of Lake Acidification Trends for the Northeastern U.S., 1982-1994. Environmental Monitoring and Assessment, 1998, 51, 399-413.	2.7	33
35	Title is missing!. Water, Air, and Soil Pollution, 1998, 105, 377-386.	2.4	159
36	CAN SITE-SPECIFIC TRENDS BE EXTRAPOLATED TO A REGION? AN ACIDIFICATION EXAMPLE FOR THE NORTHEAST. , 1998, 8, 288-299.		56

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37	A Regional Analysis of Lake Acidification Trends for the Northeastern U.S., 1982-1994. , 1998, , 399-413.		7
38	The Temporally Integrated Monitoring of Ecosystems (TIME) Project Design: 1. Classification of Northeast Lakes Using a Combination of Geographic, Hydrogeochemical, and Multivariate Techniques. Water Resources Research, 1996, 32, 2517-2528.	4.2	10
39	The Temporally Integrated Monitoring of Ecosystems (TIME) Project Design: 2. Detection of Regional Acidification Trends. Water Resources Research, 1996, 32, 2529-2538.	4.2	11
40	Long-Term Changes in Watershed Retention of Nitrogen. Advances in Chemistry Series, 1994, , 223-284.	0.6	321
41	Perspectives on environmental monitoring: An introduction to the U.S. EPA Long-Term Monitoring (LTM) Project. Water, Air, and Soil Pollution, 1993, 67, 247-255.	2.4	10
42	Trends and patterns in lake acidification in the State of Vermont: Evidence from the Long-Term Monitoring Project. Water, Air, and Soil Pollution, 1993, 67, 301-317.	2.4	18
43	Chemical characteristics and temporal trends in eight streams of the Catskill Mountains, New York. Water, Air, and Soil Pollution, 1993, 67, 367-395.	2.4	73
44	The role of nitrate in the acidification of streams in the Catskill Mountains of New York. Water Resources Research, 1992, 28, 2707-2720.	4.2	189
45	Trends in Catskill Stream Water Quality: Evidence From Historical Data. Water Resources Research, 1991, 27, 2855-2864.	4.2	40
46	Catskill Mountains. , 1991, , 237-271.		49
47	Sierra Nevada, California. , 1991, , 503-530.		37
48	Alkalinity dynamics in an unacidified alpine lake, Sierra Nevada, California1. Limnology and Oceanography, 1987, 32, 825-839.	3.1	31
49	Microcrustacean communities of high-elevation lakes in the Sierra Nevada, California. Journal of Plankton Research, 1987, 9, 631-650.	1.8	38
50	Micronutrient and phosphorus limitation of phytoplankton abundance in Gem Lake, Sierra Nevada, California. Hydrobiologia, 1987, 154, 103-111.	2.0	7
51	Major Ion Chemistry and Sensitivity to Acid Precipitation of Sierra Nevada Lakes. Water Resources Research, 1985, 21, 27-32.	4.2	75