Adam G Yates

List of Publications by Year
in descending order

48 papers	1,083 citations	430874 18 h-index	434195 31 g-index
48 all docs	48 docs citations	48 times ranked	1450 citing authors

#	Article	IF	Citations
1	Global Patterns and Controls of Nutrient Immobilization on Decomposing Cellulose in Riverine Ecosystems. Global Biogeochemical Cycles, 2022, 36, .	4.9	12
2	An ecological causal assessment of tributaries draining the Red River Valley, Manitoba. Journal of Great Lakes Research, 2021, 47, 773-787.	1.9	7
3	Sources of nitrogen to stream food webs in tributaries of the Red River Valley, Manitoba. Journal of Great Lakes Research, 2021, 47, 751-760.	1.9	4
4	Evaluating diffuse and point source phosphorus inputs to streams in a cold climate region using a load apportionment model. Journal of Great Lakes Research, 2021, 47, 761-772.	1.9	10
5	Contribution of nitrogen sources to streams in mixed-use catchments varies seasonally in a cold temperate region. Science of the Total Environment, 2021, 764, 142824.	8.0	2
6	Crayfish tissue metabolomes effectively distinguish impacts of wastewater and agriculture in aquatic ecosystems. Science of the Total Environment, 2021, 760, 143322.	8.0	15
7	Nutrient enrichment effects are conditional on upstream nutrient concentrations: Implications for bioassessment in multi-use catchments. Ecological Indicators, 2021, 124, 107440.	6.3	2
8	Metabolomic Analysis of Hexagenid Mayflies Exposed to Sublethal Concentrations of Naphthenic Acid. Frontiers in Molecular Biosciences, 2021, 8, 669082.	3.5	2
9	The Biological Assessment and Rehabilitation of the World's Rivers: An Overview. Water (Switzerland), 2021, 13, 371.	2.7	88
10	Episodic loadings of phosphorus influence growth and composition of benthic algae communities in artificial stream mesocosms. Water Research, 2020, 185, 116139.	11.3	6
11	Spatial and temporal patterns in macronutrient concentrations and stoichiometry of tributaries draining the lower Great Lakes-St. Lawrence basin. Journal of Great Lakes Research, 2020, 46, 989-1000.	1.9	3
12	Fate of bioavailable nutrients released to a stream during episodic effluent releases from a municipal wastewater treatment lagoon. Environmental Sciences: Processes and Impacts, 2020, 22, 2374-2387.	3.5	3
13	Metabolic regimes of three mid-order streams in southern Ontario, Canada exposed to contrasting sources of nutrients. Hydrobiologia, 2020, 847, 1925-1942.	2.0	3
14	Spatio-temporal variation of benthic metabolism in a large, regulated river. Canadian Water Resources Journal, 2020, 45, 144-157.	1.2	2
15	Intensive agriculture alters the biomass size spectrum and body-mass of benthic insects:Âevidence from a reciprocal transfer experiment. Hydrobiologia, 2020, 847, 1221-1235.	2.0	2
16	Hierarchical variation in cellulose decomposition in least-disturbed reference streams: a multi-season study using the cotton strip assay. Landscape Ecology, 2019, 34, 2353-2369.	4.2	9
17	Patterns and drivers of stream benthic macroinvertebrate beta diversity in an agricultural landscape. Hydrobiologia, 2019, 837, 61-75.	2.0	16
18	Enhancing bioassessment approaches: development of a river services assessment framework. Freshwater Science, 2019, 38, 12-22.	1.8	4

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19	Interannual Variation of Benthic Macroinvertebrate Communities at Long-Term Monitoring Sites Impacted by Human Activities: Implications for Bioassessment. Diversity, 2019, 11, 167.	1.7	2
20	Global patterns and drivers of ecosystem functioning in rivers and riparian zones. Science Advances, 2019, 5, eaav0486.	10.3	133
21	Hydrological variability affects particulate nitrogen and phosphorus in streams of the Northern Great Plains. Journal of Hydrology: Regional Studies, 2019, 21, 110-125.	2.4	13
22	Variation in stream metabolism and benthic invertebrate composition along longitudinal profiles of two contrasting river systems. Canadian Journal of Fisheries and Aquatic Sciences, 2018, 75, 549-559.	1.4	8
23	Scale-specific land cover thresholds for conservation of stream invertebrate communities in agricultural landscapes. Landscape Ecology, 2018, 33, 2239-2252.	4.2	10
24	Developing metabolomics-based bioassessment: crayfish metabolome sensitivity to food and dissolved oxygen stress. Environmental Science and Pollution Research, 2018, 25, 36184-36193.	5.3	17
25	Benthic invertebrate taxonomic and trait associations with land use in an intensively managed watershed: Implications for indicator identification. Ecological Indicators, 2018, 93, 1050-1059.	6.3	43
26	Land-use practices influence nutrient concentrations of southwestern Ontario streams. Canadian Water Resources Journal, 2018, 43, 2-17.	1.2	10
27	Intra-annual variation of the association between agricultural best management practices and stream nutrient concentrations. Science of the Total Environment, 2017, 586, 1124-1134.	8.0	12
28	Establishing Cause–Effect Relationships in Multistressor Environments. , 2017, , 335-351.		5
29	Quantifying seasonal variation in total phosphorus and nitrogen from prairie streams in the Red River Basin, Manitoba Canada. Science of the Total Environment, 2017, 575, 649-659.	8.0	71
30	Effects of Best Management Practice on Ecological Condition: Does Location Matter?. Environmental Management, 2016, 57, 1062-1076.	2.7	21
31	Agricultural Best Management Practice Abundance and Location does not Influence Stream Ecosystem Function or Water Quality in the Summer Season. Water (Switzerland), 2015, 7, 6861-6876.	2.7	15
32	Bioassessment of freshwater ecosystems using the Reference Condition Approach: comparing established and new methods with common data sets. Freshwater Science, 2014, 33, 1204-1211.	1.8	27
33	Sensitivity of structural and functional indicators depends on type and resolution of anthropogenic activities. Ecological Indicators, 2014, 45, 274-284.	6.3	24
34	SEASONALLY DRIVEN VARIATION IN SPATIAL RELATIONSHIPS BETWEEN AGRICULTURAL LAND USE AND IN–STREAM NUTRIENT CONCENTRATIONS. River Research and Applications, 2014, 30, 476-493.	1.7	15
35	Buried streams: Uncovering a potential threat to aquatic ecosystems. Landscape and Urban Planning, 2013, 114, 37-41.	7.5	24
36	Multi–scaled drivers of rural prairie stream metabolism along human activity gradients. Freshwater Biology, 2013, 58, 675-689.	2.4	22

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37	Estimating nutrient production from human activities in subcatchments of the Red River, Manitoba. Journal of Great Lakes Research, 2012, 38, 106-114.	1.9	29
38	Effects of taxonomic group, spatial scale and descriptor on the relationship between human activity and stream biota. Ecological Indicators, 2011, 11, 759-771.	6.3	17
39	Incorporating traits in aquatic biomonitoring to enhance causal diagnosis and prediction. Integrated Environmental Assessment and Management, 2011, 7, 187-197.	2.9	113
40	Snowmelt and its role in the hydrologic and nutrient budgets of prairie streams. Water Science and Technology, 2011, 64, 1590-1596.	2.5	20
41	Covarying patterns of macroinvertebrate and fish assemblages along natural and human activity gradients: implications for bioassessment. Hydrobiologia, 2010, 637, 87-100.	2.0	44
42	Improving the description of human activities potentially affecting rural stream ecosystems. Landscape Ecology, 2010, 25, 371-382.	4.2	36
43	Selecting objectively defined reference sites for stream bioassessment programs. Environmental Monitoring and Assessment, 2010, 170, 129-140.	2.7	32
44	Effects of landscape and history on diversification of a montane, stream‑breeding amphibian. Journal of Biogeography, 2009, 36, 255-265.	3.0	25
45	Integrating stream bioassessment and landscape ecology as a tool for land use planning. Freshwater Biology, 2007, 52, 908-917.	2.4	25
46	Effectiveness of best management practices in improving stream ecosystem quality. Hydrobiologia, 2007, 583, 331-344.	2.0	48
47	The Stream and Its Altered Valley: Integrating Landscape Ecology into Environmental Assessments of Agro-Ecosystems. Environmental Monitoring and Assessment, 2006, 114, 257-271.	2.7	24
48	Metabolomics for biomonitoring: an evaluation of the metabolome as an indicator of aquatic ecosystem health. Environmental Reviews, 0, , 1-10.	4.5	8