# Adam G Yates

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3467962/publications.pdf

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|---|---|---|---|
| 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 drivers of ecosystem functioning in rivers and riparian zones. Science Advances, 2019, 5, eaav0486. | 10.3 | 133 |
| 2 | Incorporating traits in aquatic biomonitoring to enhance causal diagnosis and prediction. Integrated Environmental Assessment and Management, 2011, 7, 187-197. | 2.9 | 113 |
| 3 | The Biological Assessment and Rehabilitation of the Worldâ€™s Rivers: An Overview. Water (Switzerland), 2021, 13, 371. | 2.7 | 88 |
| 4 | 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 |
| 5 | Effectiveness of best management practices in improving stream ecosystem quality. Hydrobiologia, 2007, 583, 331-344. | 2.0 | 48 |
| 6 | Covarying patterns of macroinvertebrate and fish assemblages along natural and human activity gradients: implications for bioassessment. Hydrobiologia, 2010, 637, 87-100. | 2.0 | 44 |
| 7 | 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 |
| 8 | Improving the description of human activities potentially affecting rural stream ecosystems. Landscape Ecology, 2010, 25, 371-382. | 4.2 | 36 |
| 9 | Selecting objectively defined reference sites for stream bioassessment programs. Environmental Monitoring and Assessment, 2010, 170, 129-140. | 2.7 | 32 |
| 10 | 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 |
| 11 | 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 |
| 12 | Integrating stream bioassessment and landscape ecology as a tool for land use planning. Freshwater Biology, 2007, 52, 908-917. | 2.4 | 25 |
| 13 | Effects of landscape and history on diversification of a montane, streamâ€breeding amphibian. Journal of Biogeography, 2009, 36, 255-265. | 3.0 | 25 |
| 14 | 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 |
| 15 | Buried streams: Uncovering a potential threat to aquatic ecosystems. Landscape and Urban Planning, 2013, 114, 37-41. | 7.5 | 24 |
| 16 | Sensitivity of structural and functional indicators depends on type and resolution of anthropogenic activities. Ecological Indicators, 2014, 45, 274-284. | 6.3 | 24 |
| 17 | Multiâ€scaled drivers of rural prairie stream metabolism along human activity gradients. Freshwater Biology, 2013, 58, 675-689. | 2.4 | 22 |
| 18 | Effects of Best Management Practice on Ecological Condition: Does Location Matter?. Environmental Management, 2016, 57, 1062-1076. | 2.7 | 21 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Snowmelt and its role in the hydrologic and nutrient budgets of prairie streams. Water Science and Technology, 2011, 64, 1590-1596. | 2.5 | 20 |
| 20 | 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 |
| 21 | 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 |
| 22 | Patterns and drivers of stream benthic macroinvertebrate beta diversity in an agricultural landscape. Hydrobiologia, 2019, 837, 61-75. | 2.0 | 16 |
| 23 | SEASONALLY DRIVEN VARIATION IN SPATIAL RELATIONSHIPS BETWEEN AGRICULTURAL LAND USE AND INâ€STREAM NUTRIENT CONCENTRATIONS. River Research and Applications, 2014, 30, 476-493. | 1.7 | 15 |
| 24 | 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 |
| 25 | Crayfish tissue metabolomes effectively distinguish impacts of wastewater and agriculture in aquatic ecosystems. Science of the Total Environment, 2021, 760, 143322. | 8.0 | 15 |
| 26 | 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 |
| 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 | Global Patterns and Controls of Nutrient Immobilization on Decomposing Cellulose in Riverine Ecosystems. Global Biogeochemical Cycles, 2022, 36, . | 4.9 | 12 |
| 29 | Scale-specific land cover thresholds for conservation of stream invertebrate communities in agricultural landscapes. Landscape Ecology, 2018, 33, 2239-2252. | 4.2 | 10 |
| 30 | Land-use practices influence nutrient concentrations of southwestern Ontario streams. Canadian Water Resources Journal, 2018, 43, 2-17. | 1.2 | 10 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | Metabolomics for biomonitoring: an evaluation of the metabolome as an indicator of aquatic ecosystem health. Environmental Reviews, 0, , 1-10. | 4.5 | 8 |
| 35 | An ecological causal assessment of tributaries draining the Red River Valley, Manitoba. Journal of Great Lakes Research, 2021, 47, 773-787. | 1.9 | 7 |
| 36 | Episodic loadings of phosphorus influence growth and composition of benthic algae communities in artificial stream mesocosms. Water Research, 2020, 185, 116139. | 11.3 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Establishing Causeâ€“Effect Relationships in Multistressor Environments. , 2017, , 335-351. | | 5 |
| 38 | Enhancing bioassessment approaches: development of a river services assessment framework. Freshwater Science, 2019, 38, 12-22. | 1.8 | 4 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |
| 44 | Spatio-temporal variation of benthic metabolism in a large, regulated river. Canadian Water Resources Journal, 2020, 45, 144-157. | 1.2 | 2 |
| 45 | 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 |
| 46 | 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 |
| 47 | Nutrient enrichment effects are conditional on upstream nutrient concentrations: Implications for bioassessment in multi-use catchments. Ecological Indicators, 2021, 124, 107440. | 6.3 | 2 |
| 48 | Metabolomic Analysis of Hexagenid Mayflies Exposed to Sublethal Concentrations of Naphthenic Acid. Frontiers in Molecular Biosciences, 2021, 8, 669082. | 3.5 | 2 |