

Antoine Morin

List of Publications by Year in descending order

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43
papers

1,373
citations

331670

21
h-index

330143

37
g-index

43
all docs

43
docs citations

43
times ranked

1371
citing authors

#	ARTICLE	IF	CITATIONS
1	Empirical Models Predicting Primary Productivity from Chlorophyll a and Water Temperature for Stream Periphyton and Lake and Ocean Phytoplankton. <i>Journal of the North American Benthological Society</i> , 1999, 18, 299-307.	3.1	105
2	Bacteria and algae in stream periphyton along a nutrient gradient. <i>Freshwater Biology</i> , 2005, 50, 1337-1350.	2.4	100
3	Accuracy and precision of secondary production estimates1. <i>Limnology and Oceanography</i> , 1987, 32, 1342-1352.	3.1	80
4	Modèles empiriques de la production annuelle et du rapport P/B d'invertés benthiques d'eau courante. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1992, 49, 532-539.	1.4	78
5	A Simple Model to Estimate Growth Rate of Lotic Insect Larvae and Its Value for Estimating Population and Community Production. <i>Journal of the North American Benthological Society</i> , 1994, 13, 357-367.	3.1	78
6	Relationships between Size Structure of Invertebrate Assemblages and Trophy and Substrate Composition in Streams. <i>Journal of the North American Benthological Society</i> , 1995, 14, 393-403.	3.1	76
7	Factors Affecting Sampling Variability of Freshwater Periphyton and the Power of Periphyton Studies. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1992, 49, 1695-1703.	1.4	72
8	How are tree species distributed in climatic space? A simple and general pattern. <i>Global Ecology and Biogeography</i> , 2012, 21, 1157-1166.	5.8	64
9	Variability of Density Estimates and the Optimization of Sampling Programs for Stream Benthos. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1985, 42, 1530-1534.	1.4	63
10	The importance of meiofauna to lotic ecosystem functioning. <i>Freshwater Biology</i> , 2000, 44, 165-175.	2.4	56
11	Effect of Black Fly Ingestion and Assimilation on Seston Transport in a Quebec Lake Outlet. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1988, 45, 705-714.	1.4	52
12	Covariation of stream community structure and biomass of algae, invertebrates and fish with forest cover at multiple spatial scales. <i>Freshwater Biology</i> , 2009, 54, 2139-2154.	2.4	44
13	Microhabitat Preference Curves of Blackfly Larvae (Diptera: Simuliidae): A Comparison of Three Estimation Methods. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1986, 43, 1235-1241.	1.4	42
14	Effect of microhabitat features, seston quality, and periphyton on abundance of overwintering black fly larvae in southern Québec1,2. <i>Limnology and Oceanography</i> , 1988, 33, 431-446.	3.1	36
15	Size Distribution of Epilithic Lotic Invertebrates and Implications for Community Metabolism. <i>Journal of the North American Benthological Society</i> , 1991, 10, 300-308.	3.1	36
16	Empirical Models Predicting Population Abundance and Productivity in Lotic Systems. <i>Journal of the North American Benthological Society</i> , 1997, 16, 319-337.	3.1	34
17	Periphyton, water quality, and land use at multiple spatial scales in Alberta rivers. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2005, 62, 1309-1319.	1.4	25
18	A consistent occupancy-climate relationship across birds and mammals of the Americas. <i>Oikos</i> , 2014, 123, 1029-1036.	2.7	25

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19	Sieve retention probabilities of stream benthic invertebrates. <i>Journal of the North American Benthological Society</i> , 2004, 23, 383-391.	3.1	24
20	Effect of Current Velocity on Ingestion Rates of Black Fly Larvae. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1994, 51, 1615-1619.	1.4	23
21	Temporal and environmental variation in the biomass spectrum of benthic invertebrates in streams: an application of thin-plate splines and relative warp analysis. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1995, 52, 1881-1892.	1.4	23
22	Phosphorus budget and productivity of an experimental lake during the initial three years of cage aquaculture. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2008, 65, 2485-2495.	1.4	22
23	Inadequacy of size distributions of stream benthic diatoms for environmental monitoring. <i>Journal of the North American Benthological Society</i> , 2010, 29, 586-601.	3.1	21
24	ESTIMATES OF MEAN CHLOROPHYLL-a CONCENTRATION: PRECISION, ACCURACY, AND SAMPLING DESIGN. <i>Journal of the American Water Resources Association</i> , 1988, 24, 1027-1034.	2.4	20
25	Allometric Models of Simuliid Growth Rates and Their Use for Estimation of Production. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1988, 45, 315-324.	1.4	19
26	The response of biota in experimental stream channels to a 24-hour exposure to the herbicide Velpar LA®. <i>Environmental Toxicology and Chemistry</i> , 1995, 14, 1607-1613.	4.3	18
27	Interpreting ecological patterns generated through simple stochastic processes. <i>Landscape Ecology</i> , 1991, 5, 163-174.	4.2	16
28	Empirical Models Predicting Ingestion Rates of Black Fly Larvae. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1988, 45, 1711-1719.	1.4	15
29	Use of size spectra and empirical models to evaluate trophic relationships in streams. <i>Limnology and Oceanography</i> , 2001, 46, 935-940.	3.1	15
30	Unsuitability of introduced tiles for sampling blackfly larvae (Diptera: Simuliidae)*. <i>Freshwater Biology</i> , 1987, 17, 143-150.	2.4	13
31	Intensity and Importance of Abiotic Control and Inferred Competition on Biomass Distribution Patterns of Simuliidae and Hydropsychidae in Southern Québec Streams. <i>Journal of the North American Benthological Society</i> , 1991, 10, 388-403.	3.1	13
32	Effect of local sources on metal concentrations in littoral sediments and aquatic macroinvertebrates of the St. Lawrence River, near Cornwall, Ontario. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2000, 57, 113-125.	1.4	13
33	Can the richness-climate relationship be explained by systematic variations in how individual species' ranges relate to climate?. <i>Global Ecology and Biogeography</i> , 2016, 25, 527-539.	5.8	13
34	Reducing the cost of benthic sample processing by using sieve retention probability models. <i>Hydrobiologia</i> , 2007, 589, 79-90.	2.0	11
35	Filling the gaps in stream size spectra: using electroshocking to collect large macroinvertebrates. <i>Hydrobiologia</i> , 2014, 732, 1-17.	2.0	6
36	Role of copepod-dominated meiofauna in the nitrification process of a cold marine mesocosm. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1999, 56, 1639-1648.	1.4	5

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37	Title is missing!. <i>Hydrobiologia</i> , 1999, 394, 83-91.	2.0	4
38	A Conceptual Model for the Estimation of the Sensitivity of Black Fly Larvae to <i>Bacillus thuringiensis</i> var. <i>israelensis</i> . <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1989, 46, 1785-1792.	1.4	3
39	Sampling variability and the design of bacterial abundance and production studies in aquatic environments. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2002, 59, 930-937.	1.4	3
40	Evaluation of two timesaving techniques for processing benthic invertebrate samples for estimating secondary production. <i>Journal of the North American Benthological Society</i> , 2007, 26, 611-619.	3.1	3
41	The role of copepod-dominated meiofauna in the mineralization of organic matter in a cold marine mesocosm. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1999, 56, 1938-1948.	1.4	2
42	Are meiofauna transient or resident in sand filters of marine aquariums?. <i>Water Research</i> , 2001, 35, 3625-3634.	11.3	1
43	A comparative analysis of butterfly richness detection capacity of Pollard transects and general microhabitat surveys. <i>Canadian Entomologist</i> , 2012, 144, 727-731.	0.8	1