Antoine Morin

List of Publications by Year
in descending order

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	Can the richnessâ€“climate relationship be explained by systematic variations in how individual speciesâ€™ ranges relate to climate?. Global Ecology and Biogeography, 2016, 25, 527-539.	5.8	13
2	A consistent occupancyâ€“climate relationship across birds and mammals of the Americas. Oikos, 2014, 123, 1029-1036.	2.7	25
3	Filling the gaps in stream size spectra: using electroshocking to collect large macroinvertebrates. Hydrobiologia, 2014, 732, 1-17.	2.0	6
4	A comparative analysis of butterfly richness detection capacity of Pollard transects and general microhabitat surveys. Canadian Entomologist, 2012, 144, 727-731.	0.8	1
5	How are tree species distributed in climatic space? A simple and general pattern. Global Ecology and Biogeography, 2012, 21, 1157-1166.	5.8	64
6	Inadequacy of size distributions of stream benthic diatoms for environmental monitoring. Journal of the North American Benthological Society, 2010, 29, 586-601.	3.1	21
7	Covariation of stream community structure and biomass of algae, invertebrates and fish with forest cover at multiple spatial scales. Freshwater Biology, 2009, 54, 2139-2154.	2.4	44
8	Phosphorus budget and productivity of an experimental lake during the initial three years of cage aquaculture. Canadian Journal of Fisheries and Aquatic Sciences, 2008, 65, 2485-2495.	1.4	22
9	Evaluation of two timesaving techniques for processing benthic invertebrate samples for estimating secondary production. Journal of the North American Benthological Society, 2007, 26, 611-619.	3.1	3
10	Reducing the cost of benthic sample processing by using sieve retention probability models. Hydrobiologia, 2007, 589, 79-90.	2.0	11
11	Bacteria and algae in stream periphyton along a nutrient gradient. Freshwater Biology, 2005, 50, 1337-1350.	2.4	100
12	Periphyton, water quality, and land use at multiple spatial scales in Alberta rivers. Canadian Journal of Fisheries and Aquatic Sciences, 2005, 62, 1309-1319.	1.4	25
13	Sieve retention probabilities of stream benthic invertebrates. Journal of the North American Benthological Society, 2004, 23, 383-391.	3.1	24
14	Sampling variability and the design of bacterial abundance and production studies in aquatic environments. Canadian Journal of Fisheries and Aquatic Sciences, 2002, 59, 930-937.	1.4	3
15	Are meiofauna transient or resident in sand filters of marine aquariums?. Water Research, 2001, 35, 3625-3634.	11.3	1
16	Use of size spectra and empirical models to evaluate trophic relationships in streams. Limnology and Oceanography, 2001, 46, 935-940.	3.1	15
17	The importance of meiofauna to lotic ecosystem functioning. Freshwater Biology, 2000, 44, 165-175.	2.4	56
18	Effect of local sources on metal concentrations in littoral sediments and aquatic macroinvertebrates of the St. Lawrence River, near Cornwall, Ontario. Canadian Journal of Fisheries and Aquatic Sciences, 2000, 57, 113-125.	1.4	13

#	Article	IF	Citations
19	Title is missing!. Hydrobiologia, 1999, 394, 83-91.	2.0	4
20	The role of copepod-dominated meiofauna in the mineralization of organic matter in a cold marine mesocosm. Canadian Journal of Fisheries and Aquatic Sciences, 1999, 56, 1938-1948.	1.4	2
21	Role of copepod-dominated meiofauna in the nitrification process of a cold marine mesocosm. Canadian Journal of Fisheries and Aquatic Sciences, 1999, 56, 1639-1648.	1.4	5
22	Empirical Models Predicting Primary Productivity from Chlorophyll a and Water Temperature for Stream Periphyton and Lake and Ocean Phytoplankton. Journal of the North American Benthological Society, 1999, 18, 299-307.	3.1	105
23	Empirical Models Predicting Population Abundance and Productivity in Lotic Systems. Journal of the North American Benthological Society, 1997, 16, 319-337.	3.1	34
24	The response of biota in experimental stream channels to a 24â€hour exposure to the herbicide Velpar LÂ®. Environmental Toxicology and Chemistry, 1995, 14, 1607-1613.	4.3	18
25	Relationships between Size Structure of Invertebrate Assemblages and Trophy and Substrate Composition in Streams. Journal of the North American Benthological Society, 1995, 14, 393-403.	3.1	76
26	Temporal and environmental variation in the biomass spectrum of benthic invertebrates in streams: an application of thin-plate splines and relative warp analysis. Canadian Journal of Fisheries and Aquatic Sciences, 1995, 52, 1881-1892.	1.4	23
27	Effect of Current Velocity on Ingestion Rates of Black Fly Larvae. Canadian Journal of Fisheries and Aquatic Sciences, 1994, 51, 1615-1619.	1.4	23
28	A Simple Model to Estimate Growth Rate of Lotic Insect Larvae and Its Value for Estimating Population and Community Production. Journal of the North American Benthological Society, 1994, 13, 357-367.	3.1	78
29	Factors Affecting Sampling Variability of Freshwater Periphyton and the Power of Periphyton Studies. Canadian Journal of Fisheries and Aquatic Sciences, 1992, 49, 1695-1703.	1.4	72
30	ModÃ¨les empiriques de la production annuelle et du rapport P/B d'invertÃ©brÃ©s benthiques d'eau courante. Canadian Journal of Fisheries and Aquatic Sciences, 1992, 49, 532-539.	1.4	78
31	Size Distribution of Epilithic Lotic Invertebrates and Implications for Community Metabolism. Journal of the North American Benthological Society, 1991, 10, 300-308.	3.1	36
32	Interpreting ecological patterns generated through simple stochastic processes. Landscape Ecology, 1991, 5, 163-174.	4.2	16
33	Intensity and Importance of Abiotic Control and Inferred Competition on Biomass Distribution Patterns of Simuliidae and Hydropsychidae in Southern QuÃ©bec Streams. Journal of the North American Benthological Society, 1991, 10, 388-403.	3.1	13
34	A Conceptual Model for the Estimation of the Sensitivity of Black Fly Larvae to Bacillus thuringiensis var. israelensis. Canadian Journal of Fisheries and Aquatic Sciences, 1989, 46, 1785-1792.	1.4	3
35	ESTIMATES OF MEAN CHLOROPHYLL-a CONCENTRATION: PRECISION, ACCURACY, AND SAMPLING DESIGN. Journal of the American Water Resources Association, 1988, 24, 1027-1034.	2.4	20
36	Empirical Models Predicting Ingestion Rates of Black Fly Larvae. Canadian Journal of Fisheries and Aquatic Sciences, 1988, 45, 1711-1719.	1.4	15

#	Article	IF	Citations
37	Allometric Models of Simuliid Growth Rates and Their Use for Estimation of Production. Canadian Journal of Fisheries and Aquatic Sciences, 1988, 45, 315-324.	1.4	19
38	Effect of Black Fly Ingestion and Assimilation on Seston Transport in a Quebec Lake Outlet. Canadian Journal of Fisheries and Aquatic Sciences, 1988, 45, 705-714.	1.4	52
39	Effect of microhabitat features, seston quality, and periphyton on abundance of overwintering black fly larvae in southern QuÃ©bec1,2. Limnology and Oceanography, 1988, 33, 431-446.	3.1	36
40	Accuracy and precision of secondary production estimates1. Limnology and Oceanography, 1987, 32, 1342-1352.	3.1	80
41	Unsuitability of introduced tiles for sampling blackfly larvae (Diptera: Simuliidae)*. Freshwater Biology, 1987, 17, 143-150.	2.4	13
42	Microhabitatâ€“Preference Curves of Blackfly Larvae (Diptera: Simuliidae): A Comparison of Three Estimation Methods. Canadian Journal of Fisheries and Aquatic Sciences, 1986, 43, 1235-1241.	1.4	42
43	Variability of Density Estimates and the Optimization of Sampling Programs for Stream Benthos. Canadian Journal of Fisheries and Aquatic Sciences, 1985, 42, 1530-1534.	1.4	63