

Stephane Campeau

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

738
citations

687363

13
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

798
citing authors

#	ARTICLE	IF	CITATIONS
1	Landscape diversity and forest edge density regulate stream water quality in agricultural catchments. <i>Ecological Indicators</i> , 2017, 72, 627-639.	6.3	92
2	Are diatoms good integrators of temporal variability in stream water quality?. <i>Freshwater Biology</i> , 2008, 53, 827-841.	2.4	87
3	A diatom-based index for the biological assessment of eastern Canadian rivers: an application of correspondence analysis (CA). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006, 63, 1793-1811.	1.4	78
4	The effect of excluding diatom taxa and reducing taxonomic resolution on multivariate analyses and stream bioassessment. <i>Ecological Indicators</i> , 2009, 9, 213-225.	6.3	71
5	Using diatoms to monitor stream biological integrity in Eastern Canada: An overview of 10 years of index development and ongoing challenges. <i>Science of the Total Environment</i> , 2014, 475, 187-200.	8.0	62
6	Diatom reference communities in QuÃ©bec (Canada) streams based on Kohonen self-organizing maps and multivariate analyses. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006, 63, 2087-2106.	1.4	37
7	Impacts of climate change on the hydrology of northern midlatitude cold regions. <i>Progress in Physical Geography</i> , 2020, 44, 338-375.	3.2	34
8	Defining ecological thresholds to determine class boundaries in a bioassessment tool: The case of the Eastern Canadian Diatom Index (IDEC). <i>Ecological Indicators</i> , 2010, 10, 980-989.	6.3	33
9	Diatoms and biomonitoring: should cell size be accounted for?. <i>Hydrobiologia</i> , 2006, 573, 1-16.	2.0	30
10	Diatoms as quantitative paleodepth indicators in coastal areas of the southeastern Beaufort Sea, Arctic Ocean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1999, 146, 67-97.	2.3	27
11	Local and regional drivers of taxonomic homogenization in stream communities along a land use gradient. <i>Global Ecology and Biogeography</i> , 2019, 28, 1597-1609.	5.8	21
12	Late Holocene diatom biostratigraphy and sea-level changes in the southeastern Beaufort Sea. <i>Canadian Journal of Earth Sciences</i> , 2000, 37, 63-80.	1.3	20
13	Modeling the response time of diatom assemblages to simulated water quality improvement and degradation in running waters. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2011, 68, 487-497.	1.4	16
14	Diversity of diatoms, benthic macroinvertebrates, and fish varies in response to different environmental correlates in Arctic rivers across North America. <i>Freshwater Biology</i> , 2022, 67, 95-115.	2.4	15
15	Shifting Hydrological Processes in a Canadian Agroforested Catchment due to a Warmer and Wetter Climate. <i>Water (Switzerland)</i> , 2020, 12, 739.	2.7	12
16	The Eastern Canadian Diatom Index (IDEC) Version 2.0: Including Meaningful Ecological Classes and an Expanded Coverage Area that Encompasses Additional Geological Characteristics. <i>Water Quality Research Journal of Canada</i> , 2010, 45, 463-477.	2.7	11
17	Fishing for diatoms: fish gut analysis reveals water quality changes over a 75-year period. <i>Journal of Paleolimnology</i> , 2010, 43, 121-130.	1.6	10
18	<i>Gomphonema caperatum</i> sp. nov., <i>G. obstipum</i> sp. nov. and similar taxa from rivers of North America. <i>Diatom Research</i> , 2017, 32, 59-73.	1.2	9

#	ARTICLE	IF	CITATIONS
19	Assemblage diversity, cell density and within-slide variability: Implications for quality assurance/quality control and uncertainty assessment in diatom-based monitoring. <i>Ecological Indicators</i> , 2016, 69, 415-421.	6.3	8
20	A large-scale stream benthic diatom database. <i>Hydrobiologia</i> , 2005, 542, 151-163.	2.0	7
21	Three-dimensional hydrostratigraphical modelling of the regional aquifer system of the St. Maurice Delta Complex (St. Lawrence Lowlands, Canada). <i>Canadian Water Resources Journal</i> , 2018, 43, 92-112.	1.2	7
22	Responses of soil erosion to warming and wetting in a cold Canadian agricultural catchment. <i>Catena</i> , 2021, 201, 105184.	5.0	7
23	Algae-based Biomonitoring: Predicting Diatom Reference Communities in Unpolluted Streams using Classification Trees, Random Forests, and Artificial Neural Networks. <i>Water Quality Research Journal of Canada</i> , 2010, 45, 413-425.	2.7	6
24	The Impact of "Man-Made Hydrological Drought" on Plant Species Abundance in the Low-Flow Channel Downstream from the Matawin Dam, Quebec. <i>Water (Switzerland)</i> , 2013, 5, 875-892.	2.7	6