

Phillippe Archambault

List of Publications by Year in descending order

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Version: 2024-02-01

140
papers

4,130
citations

101543

36
h-index

149698

56
g-index

169
all docs

169
docs citations

169
times ranked

5028
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of suspended and off-bottom mussel culture on the sea bottom and benthic habitats: a review ¹ . This review is part of a virtual symposium on current topics in aquaculture of marine fish and shellfish.. Canadian Journal of Zoology, 2011, 89, 622-646.	1.0	169
2	Predator traits determine food-web architecture across ecosystems. Nature Ecology and Evolution, 2019, 3, 919-927.	7.8	157
3	<scp>eDNA</scp> metabarcoding as a new surveillance approach for coastal Arctic biodiversity. Ecology and Evolution, 2018, 8, 7763-7777.	1.9	154
4	Towards a pan-Arctic inventory of the species diversity of the macro- and megabenthic fauna of the Arctic shelf seas. Marine Biodiversity, 2011, 41, 51-70.	1.0	150
5	DNA Barcodes for Marine Biodiversity: Moving Fast Forward?. Diversity, 2010, 2, 450-472.	1.7	149
6	Biogenic carbon flows through the planktonic food web of the Amundsen Gulf (Arctic Ocean): A synthesis of field measurements and inverse modeling analyses. Progress in Oceanography, 2011, 91, 410-436.	3.2	138
7	No complexityâ€“stability relationship in empirical ecosystems. Nature Communications, 2016, 7, 12573.	12.8	121
8	Shellfish-DEPOMOD: Modelling the biodeposition from suspended shellfish aquaculture and assessing benthic effects. Aquaculture, 2009, 288, 239-253.	3.5	110
9	Phylogenetic Differences in Attached and Free-Living Bacterial Communities in a Temperate Coastal Lagoon during Summer, Revealed via High-Throughput 16S rRNA Gene Sequencing. Applied and Environmental Microbiology, 2014, 80, 2071-2083.	3.1	104
10	Current state and trends in Canadian Arctic marine ecosystems: II. Heterotrophic food web, pelagic-benthic coupling, and biodiversity. Climatic Change, 2012, 115, 179-205.	3.6	99
11	Functional traitâ€“based approaches as a common framework for aquatic ecologists. Limnology and Oceanography, 2021, 66, 965-994.	3.1	99
12	Our House Is Burning: Discrepancy in Climate Change vs. Biodiversity Coverage in the Media as Compared to Scientific Literature. Frontiers in Ecology and Evolution, 2018, 5, .	2.2	98
13	Influence of shoreline configuration on spatial variation of meroplanktonic larvae, recruitment and diversity of benthic subtidal communities. Journal of Experimental Marine Biology and Ecology, 1999, 238, 161-184.	1.5	83
14	From Sea to Sea: Canada's Three Oceans of Biodiversity. PLoS ONE, 2010, 5, e12182.	2.5	81
15	Mapping the Shallow Water Seabed Habitat With the SHOALS. IEEE Transactions on Geoscience and Remote Sensing, 2008, 46, 2947-2955.	6.3	79
16	The marine fish food web is globally connected. Nature Ecology and Evolution, 2019, 3, 1153-1161.	7.8	76
17	Responses of benthic macrofauna and biogeochemical fluxes to various levels of mussel biodeposition: An in situ â€œbenthocosmâ€• experiment. Marine Pollution Bulletin, 2009, 58, 1544-1553.	5.0	69
18	Projecting present and future habitat suitability of ship-mediated aquatic invasive species in the Canadian Arctic. Biological Invasions, 2018, 20, 501-517.	2.4	66

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19	THE RELATION BETWEEN PRODUCTIVITY AND SPECIES DIVERSITY IN TEMPERATE-ARCTIC MARINE ECOSYSTEMS. <i>Ecology</i> , 2008, 89, S66-S80.	3.2	64
20	Imprint of Climate Change on Pan-Arctic Marine Vegetation. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	63
21	Salt-marsh characterization, zonation assessment and mapping through a dual-wavelength LiDAR. <i>Remote Sensing of Environment</i> , 2010, 114, 520-530.	11.0	59
22	Environmental Drivers of the Canadian Arctic Megabenthic Communities. <i>PLoS ONE</i> , 2014, 9, e100900.	2.5	56
23	Influence of suspended mussel lines on the biogeochemical fluxes in adjacent water in the Îles-de-la-Madeleine (Quebec, Canada). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2006, 63, 1198-1213.	1.4	52
24	Comparing eDNA metabarcoding and species collection for documenting Arctic metazoan biodiversity. <i>Environmental DNA</i> , 2019, 1, 342-358.	5.8	51
25	Influence of suspended scallop cages and mussel lines on pelagic and benthic biogeochemical fluxes in Havre-aux-Maisons Lagoon, Îles-de-la-Madeleine (Quebec, Canada). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2007, 64, 1491-1505.	1.4	50
26	Body size as a predictor of species loss effect on ecosystem functioning. <i>Scientific Reports</i> , 2014, 4, 4616.	3.3	47
27	Organic matter remineralization in marine sediments: A Pan-Arctic synthesis. <i>Global Biogeochemical Cycles</i> , 2017, 31, 190-213.	4.9	46
28	Predicting Species Diversity of Benthic Communities within Turbid Nearshore Using Full-Waveform Bathymetric LiDAR and Machine Learners. <i>PLoS ONE</i> , 2011, 6, e21265.	2.5	43
29	A new method for three-dimensional visualization and quantification of biogenic structures in aquatic sediments using axial tomodensitometry. <i>Limnology and Oceanography: Methods</i> , 2005, 3, 372-380.	2.0	42
30	Are Hotspots Always Hotspots? The Relationship between Diversity, Resource and Ecosystem Functions in the Arctic. <i>PLoS ONE</i> , 2013, 8, e74077.	2.5	42
31	Meiofauna affect the macrobenthic biodiversity-ecosystem functioning relationship. <i>Oikos</i> , 2014, 123, 203-213.	2.7	41
32	Environmental stressors, complex interactions and marine benthic communities' responses. <i>Scientific Reports</i> , 2021, 11, 4194.	3.3	41
33	Spring-to-summer changes and regional variability of benthic processes in the western Canadian Arctic. <i>Polar Biology</i> , 2011, 34, 2025-2038.	1.2	40
34	Merging land-marine realms: Spatial patterns of seamless coastal habitats using a multispectral LiDAR. <i>Remote Sensing of Environment</i> , 2012, 123, 390-399.	11.0	39
35	Scale of observation and distribution of adult conspecifics: their influence in assessing passive and active settlement mechanisms in the barnacle <i>Balanus crenatus</i> (Brugière). <i>Journal of Experimental Marine Biology and Ecology</i> , 1996, 201, 137-158.	1.5	38
36	Effects of mussel culture husbandry practices on various benthic characteristics. <i>Aquaculture</i> , 2005, 250, 138-154.	3.5	38

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37	What and where? Predicting invasion hotspots in the Arctic marine realm. <i>Global Change Biology</i> , 2020, 26, 4752-4771.	9.5	38
38	Environmental Drivers of Benthic Flux Variation and Ecosystem Functioning in Salish Sea and Northeast Pacific Sediments. <i>PLoS ONE</i> , 2016, 11, e0151110.	2.5	37
39	Benthic faunal assimilation pathways and depth-related changes in food-web structure across the Canadian Arctic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 102, 55-71.	1.4	35
40	Nearshore abundance of zooplankton in relation to shoreline configuration and mechanisms involved. <i>Journal of Plankton Research</i> , 1998, 20, 671-690.	1.8	34
41	Meta-ecosystem engineering: Nutrient fluxes reveal intraspecific and interspecific feedbacks in fragmented mussel beds. <i>Ecology</i> , 2012, 93, 324-333.	3.2	32
42	Green Edge ice camp campaigns: understanding the processes controlling the under-ice Arctic phytoplankton spring bloom. <i>Earth System Science Data</i> , 2020, 12, 151-176.	9.9	32
43	Large-scale Shoreline Configuration Influences Phytoplankton Concentration and Mussel Growth. <i>Estuarine, Coastal and Shelf Science</i> , 1999, 49, 193-208.	2.1	31
44	What's in a tide pool? Just as much food web network complexity as in large open ecosystems. <i>PLoS ONE</i> , 2018, 13, e0200066.	2.5	30
45	On the sensitivity of food webs to multiple stressors. <i>Ecology Letters</i> , 2021, 24, 2219-2237.	6.4	30
46	Establishing a baseline for early detection of non-indigenous species in ports of the Canadian Arctic. <i>Aquatic Invasions</i> , 2014, 9, 327-342.	1.6	30
47	Acoustic detection of a scallop bed from a single-beam echosounder in the St. Lawrence. <i>ICES Journal of Marine Science</i> , 2005, 62, 966-983.	2.5	29
48	Effects of hypoxia on benthic macrofauna and bioturbation in the Estuary and Gulf of St. Lawrence, Canada. <i>Continental Shelf Research</i> , 2010, 30, 1302-1313.	1.8	29
49	Dose-dependent response of a benthic system to biodeposition from suspended blue mussel (<i>Mytilus</i>) Tj ETQq1 1 0,784314 r _g BT /Ov 5.0 26	5.0	26
50	Modelling spatial distribution of epibenthic communities in the Gulf of St. Lawrence (Canada). <i>Journal of Sea Research</i> , 2013, 78, 75-84.	1.6	25
51	Influence of mussel aquaculture on the distribution of vagile benthic macrofauna in Îles de la Madeleine, eastern Canada. <i>Aquaculture Environment Interactions</i> , 2015, 6, 175-183.	1.8	24
52	Identity effects dominate the impacts of multiple species extinctions on the functioning of complex food webs. <i>Ecology</i> , 2013, 94, 169-179.	3.2	20
53	Changes in infaunal assemblage structure influence nutrient fluxes in sediment enriched by mussel biodeposition. <i>Science of the Total Environment</i> , 2019, 692, 39-48.	8.0	20
54	Diversity, Abundance and Community Structure of Benthic Macro- and Megafauna on the Beaufort Shelf and Slope. <i>PLoS ONE</i> , 2014, 9, e101556.	2.5	20

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55	Regional Variability of Megabenthic Community Structure across the Canadian Arctic. <i>Arctic</i> , 2015, 68, 180.	0.4	20
56	Optimization of Upper Extremity Rehabilitation by Combining Telerehabilitation With an Exergame in People With Chronic Stroke: Protocol for a Mixed Methods Study. <i>JMIR Research Protocols</i> , 2020, 9, e14629.	1.0	20
57	Kelp in the Eastern Canadian Arctic: Current and Future Predictions of Habitat Suitability and Cover. <i>Frontiers in Marine Science</i> , 2021, 18, .	2.5	20
58	Incorporating public priorities in the Ocean Health Index: Canada as a case study. <i>PLoS ONE</i> , 2017, 12, e0178044.	2.5	19
59	Bioturbation activity of three macrofaunal species and the presence of meiofauna affect the abundance and composition of benthic bacterial communities. <i>Marine Environmental Research</i> , 2018, 136, 62-70.	2.5	19
60	Biodiversityâ€™Ecosystem Functioning (BEF) approach to further understanding aquacultureâ€™environment interactions with application to bivalve culture and benthic ecosystems. <i>Reviews in Aquaculture</i> , 2020, 12, 2027-2041.	9.0	19
61	The BenBioDen database, a global database for meio-, macro- and megabenthic biomass and densities. <i>Scientific Data</i> , 2020, 7, 206.	5.3	18
62	Influence of â€™bouchotâ€™ TM mussel culture on the benthic environment in a dynamic intertidal system. <i>Aquaculture Environment Interactions</i> , 2012, 2, 117-131.	1.8	18
63	Effect of Disturbance Regime on Alpha and Beta Diversity of Rock Pools. <i>Diversity</i> , 2014, 6, 1-17.	1.7	17
64	Growth Response of <i>Arctica islandica</i> to North Atlantic Oceanographic Conditions Since 1850. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	17
65	Ecological risk assessment of predicted marine invasions in the Canadian Arctic. <i>PLoS ONE</i> , 2019, 14, e0211815.	2.5	16
66	Tipping points and multiple drivers in changing aquatic ecosystems: A review of experimental studies. <i>Limnology and Oceanography</i> , 2022, 67, .	3.1	16
67	Determining the Ecological Status of Benthic Coastal Communities: A Case in an Anthropized Sub-Arctic Area. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	15
68	Low benthic impact of an offshore mussel farm in Îles-de-la-Madeleine, eastern Canada. <i>Aquaculture Environment Interactions</i> , 2018, 10, 473-485.	1.8	15
69	Ice algae versus phytoplankton: resource utilization by Arctic deep sea macroinfauna revealed through isotope labelling experiments. <i>Marine Ecology - Progress Series</i> , 2017, 572, 1-18.	1.9	15
70	Discriminating zooplankton communities in lakes with brook trout (<i>Salvelinus fontinalis</i>) and in fishless lakes. <i>Ecoscience</i> , 2009, 16, 271-281.	1.4	14
71	Shells of the bivalve <i>Astarte moerchi</i> give new evidence of a strong pelagic-benthic coupling shift occurring since the late 1970s in the North Water polynya. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190353.	3.4	14
72	Assessment of Ba/Ca in <i>Arctica islandica</i> shells as a proxy for phytoplankton dynamics in the Northwestern Atlantic Ocean. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 237, 106628.	2.1	14

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73	Benthic Classifications Using Bathymetric LIDAR Waveforms and Integration of Local Spatial Statistics and Textural Features. <i>Journal of Coastal Research</i> , 2011, 62, 86-98.	0.3	13
74	Resilience and adjustments of surface sediment bacterial communities in an enclosed shallow coastal lagoon, Magdalen Islands, Gulf of St. Lawrence, Canada. <i>FEMS Microbiology Ecology</i> , 2015, 91, .	2.7	13
75	Characterizing Exposure to and Sharing Knowledge of Drivers of Environmental Change in the St. Lawrence System in Canada. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	13
76	Seafloor biodiversity of Canada's three oceans: Patterns, hotspots and potential drivers. <i>Diversity and Distributions</i> , 2020, 26, 226-241.	4.1	13
77	Sea Ice and Substratum Shape Extensive Kelp Forests in the Canadian Arctic. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	13
78	Syllidae (Annelida: Polychaeta: Phyllodocida) from the Chausey Archipelago (English Channel, France), with a description of two new species of the Exogoninae Prosphaerosyllis. <i>Marine Biodiversity</i> , 2012, 42, 55-63.	1.0	12
79	Bridging Ridge-to-Reef Patches: Seamless Classification of the Coast Using Very High Resolution Satellite. <i>Remote Sensing</i> , 2013, 5, 3583-3610.	4.0	12
80	No more detectable fishing effect on Northern Gulf of St Lawrence benthic invertebrates. <i>ICES Journal of Marine Science</i> , 2015, 72, 2457-2466.	2.5	12
81	Characterization of marine microbial communities around an Arctic seabed hydrocarbon seep at Scott Inlet, Baffin Bay. <i>Science of the Total Environment</i> , 2021, 762, 143961.	8.0	12
82	Spatial variation of benthic infaunal communities in baie de Gaspé (eastern Canada) – Influence of mussel aquaculture. <i>Aquaculture</i> , 2012, 356-357, 48-54.	3.5	11
83	Scallop larval survival from erythromycin treated broodstock after conditioning without sediment. <i>Aquaculture</i> , 2015, 437, 312-317.	3.5	11
84	Influence of intertidal recreational fisheries and “bouchot” mussel culture on bivalve recruitment. <i>Marine Environmental Research</i> , 2016, 117, 1-12.	2.5	11
85	The changing Arctic Ocean: consequences for biological communities, biogeochemical processes and ecosystem functioning. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20200266.	3.4	11
86	The MALINA oceanographic expedition: how do changes in ice cover, permafrost and UV radiation impact biodiversity and biogeochemical fluxes in the Arctic Ocean?. <i>Earth System Science Data</i> , 2021, 13, 1561-1592.	9.9	11
87	Impact of Forest Harvesting on Trophic Structure of Eastern Canadian Boreal Shield Lakes: Insights from Stable Isotope Analyses. <i>PLoS ONE</i> , 2014, 9, e96143.	2.5	11
88	Canadian Healthy Oceans Network (CHONE): An Academic–Government Partnership to Develop Scientific Guidelines for Conservation and Sustainable Usage of Marine Biodiversity. <i>Fisheries</i> , 2012, 37, 296-304.	0.8	10
89	Impact of forest harvesting on water quality and fluorescence characteristics of dissolved organic matter in eastern Canadian Boreal Shield lakes in summer. <i>Biogeosciences</i> , 2015, 12, 6999-7011.	3.3	10
90	From coast to coast: Public perception of ocean-derived benefits in Canada. <i>Marine Policy</i> , 2016, 74, 77-84.	3.2	10

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91	Biogeography and adaptations of torquaratorid acorn worms (Hemichordata: Enteropneusta) including two new species from the Canadian Arctic. <i>Canadian Journal of Zoology</i> , 2018, 96, 1221-1229.	1.0	10
92	Spatial Analysis of Benthic Functional Biodiversity in San Jorge Gulf, Argentina. <i>Oceanography</i> , 2018, 31, 104-112.	1.0	10
93	Efficiency of sympagic-benthic coupling revealed by analyses of n-3 fatty acids, IP25 and other highly branched isoprenoids in two filter-feeding Arctic benthic molluscs: <i>Mya truncata</i> and <i>Serripes groenlandicus</i> . <i>Organic Geochemistry</i> , 2021, 151, 104160.	1.8	10
94	Reliance of deep-sea benthic macrofauna on ice-derived organic matter highlighted by multiple trophic markers during spring in Baffin Bay, Canadian Arctic. <i>Elementa</i> , 2020, 8, .	3.2	10
95	Influence of intertidal Manila clam <i>Venerupis philippinarum</i> aquaculture on biogeochemical fluxes. <i>Aquaculture Environment Interactions</i> , 2016, 8, 117-130.	1.8	10
96	Influence of seabird colonies and other environmental variables on benthic community structure, Lancaster Sound Region, Canadian Arctic. <i>Journal of Marine Systems</i> , 2017, 167, 105-117.	2.1	9
97	Creating an inclusive mall environment with the PRECEDE-PROCEED model: a living lab case study. <i>Disability and Rehabilitation</i> , 2017, 39, 2198-2206.	1.8	9
98	Benthic macroinfaunal community structure, resource utilisation and trophic relationships in two Canadian Arctic Archipelago polynyas. <i>PLoS ONE</i> , 2017, 12, e0183034.	2.5	9
99	A new species of <i>Streptospinigera</i> Kudenov, 1983 (Polychaeta, Syllidae, Anoplosyllinae) from the Arctic and north-western Atlantic with a key to all species of the genus. <i>Polar Biology</i> , 2013, 36, 1499-1507.	1.2	8
100	<i>Mytilus trossulus</i> and hybrid (<i>M. edulis</i> - <i>M. trossulus</i>) as New hosts organisms for pathogenic microalgae <i>Coccomyxa</i> sp. from the Estuary and northwestern Gulf of St. Lawrence, Canada. <i>Journal of Invertebrate Pathology</i> , 2018, 153, 145-146.	3.2	8
101	Biodiversity and Habitat Assessment of Coastal Benthic Communities in a Sub-Arctic Industrial Harbor Area. <i>Water (Switzerland)</i> , 2020, 12, 2424.	2.7	8
102	Metabolic Activity and Functional Diversity Changes in Sediment Prokaryotic Communities Organically Enriched with Mussel Biodeposits. <i>PLoS ONE</i> , 2015, 10, e0123681.	2.5	7
103	Short-term processing of ice algal- and phytoplankton-derived carbon by Arctic benthic communities revealed through isotope labelling experiments. <i>Marine Ecology - Progress Series</i> , 2018, 600, 21-39.	1.9	7
104	Influence of Deep-Water Corals and Sponge Gardens on Infaunal Community Composition and Ecosystem Functioning in the Eastern Canadian Arctic. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	6
105	Pull the trigger: interplay between benthic and pelagic cues driving the early recruitment of a natural bivalve assemblage. <i>Ecosphere</i> , 2022, 13, e03672.	2.2	6
106	Revealing the regime of shallow coral reefs at patch scale by continuous spatial modeling. <i>Frontiers in Marine Science</i> , 2014, 1, .	2.5	5
107	Assessing marine ecosystems health, in an integrative way. <i>Continental Shelf Research</i> , 2016, 121, 1-2.	1.8	5
108	Response of tropical and subtropical chthamalid barnacles to increasing substrate temperatures. <i>Journal of Experimental Marine Biology and Ecology</i> , 2020, 524, 151281.	1.5	5

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109	The Great Whale River ecosystem: ecology of a subarctic river and its receiving waters in coastal Hudson Bay, Canada. <i>Ecoscience</i> , 0, , 1-20.	1.4	5
110	Comparing fluorescent and differential absorption LiDAR techniques for detecting algal biomass with applications to Arctic substrates. , 2018, , .		5
111	Spatial distribution of epifaunal communities in the Hudson Bay system. <i>Elementa</i> , 2020, 8, .	3.2	5
112	L'valuation des impacts cumuls dans l'estuaire et le golfe du Saint-Laurent: vers une planification systmique de l'exploitation des ressources. <i>Le Naturaliste Canadien</i> , 0, 140, 45-55.	0.2	5
113	Drivers of kelp distribution in the Gulf of St. Lawrence: insights from a transplant experiment. <i>Marine Biology</i> , 2022, 169, 1.	1.5	5
114	Spatial distribution of <i>Alitta virens</i> burrows in intertidal sediments studied by axial tomodesitometry. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2013, 93, 1543-1552.	0.8	4
115	Organizing, supporting and linking the world marine biodiversity research community. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2015, 95, 431-433.	0.8	4
116	Shell deformity as a marker for retrospective detection of a pathogenic unicellular alga, <i>Coccomyxa</i> sp., in mytilid mussels: A first case study and research agenda. <i>Journal of Invertebrate Pathology</i> , 2020, 169, 107311.	3.2	4
117	Cold-Water Soft Corals (Cnidaria: Nephtheidae) as Habitat for Juvenile Basket Stars (Echinodermata: Tj ETQq1 1 0.784314 rgBT /Ove	2.5	4
118	Potential for Local Fertilization: A Benthocosm Test of Long-Term and Short-Term Effects of Mussel Excretion on the Plankton. <i>PLoS ONE</i> , 2016, 11, e0156411.	2.5	4
119	Ecosystem-Based Quality Index in a harbor bay: Assessing the status of a heterogeneous system in a functional framework at a local scale. <i>Ecological Indicators</i> , 2021, 132, 108260.	6.3	4
120	Influence of an Offshore Mussel Aquaculture Site on the Distribution of Epibenthic Macrofauna in Åles de la Madeleine, Eastern Canada. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	4
121	A new species and four new records of sedentary polychaetes from the Canadian High Arctic. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2017, 97, 1685-1694.	0.8	3
122	Oceans and human health navigating changes on Canadas coasts. <i>Facets</i> , 2020, 5, 1037-1070.	2.4	3
123	Practical advice on monitoring of U and Pu with marine bivalve mollusks near the Fukushima Daiichi Nuclear Power Plant. <i>Marine Pollution Bulletin</i> , 2020, 151, 110860.	5.0	3
124	Biomedical Research and Informatics Living Laboratory for Innovative Advances of New Technologies in Community Mobility Rehabilitation: Protocol for Evaluation and Rehabilitation of Mobility Across Continuums of Care. <i>JMIR Research Protocols</i> , 2022, 11, e12506.	1.0	3
125	Holistic environmental monitoring in ports as an opportunity to advance sustainable development, marine science, and social inclusiveness. <i>Elementa</i> , 2022, 10, .	3.2	3
126	Underwater Multispectral Laser Serial Imager for Spectral Differentiation of Macroalgal and Coral Substrates. <i>Remote Sensing</i> , 2022, 14, 3105.	4.0	3

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127	Statistical classification methodology of SHOALS 3000 backscatter to mapping coastal benthic habitats. , 2007, , .		2
128	Notre Golfe: lâ€™Ã©mergence dâ€™un rÃ©seau intersectoriel pour lâ€™Ã©tude de lâ€™environnement socioÃ©cologique du golfe du Saint-Laurent. Le Naturaliste Canadien, 2016, 140, 41-44.	0.2	2
129	Sea ice increases benthic community heterogeneity in a seagrass landscape. Estuarine, Coastal and Shelf Science, 2020, 243, 106898.	2.1	2
130	First report of signs of infection by Coccomyxa â€like algae in wild blue mussels, Mytilus spp., in the Gulf of Maine (USA, Maine). Journal of Fish Diseases, 2020, 43, 775-778.	1.9	2
131	Pre-exposure to Cu ²⁺ and CuO NPs leads to infection of caged blue mussels, Mytilus edulis L., by pathogenic microalga: Pilot study in the Lower St. Lawrence Estuary (QuÃ©bec, Canada). Marine Pollution Bulletin, 2021, 166, 112180.	5.0	2
132	Biodiversity of macrobenthic nematodes in the intertidal and shallow subtidal zones in the Eastern Canadian Arctic. Polar Biology, 2022, 45, 225-242.	1.2	2
133	Coastal Kelp Forest Habitat in the Baie des Chaleurs, Gulf of St. Lawrence, Canada. , 2012, , 201-211.		1
134	â€œCommercially Sensitiveâ€•Environmental Data: A Case Study of Oil Seep Claims for the Old Harry Prospect in the Gulf of St. Lawrence, Canada. Case Studies in the Environment, 2017, 1, 1-9.	0.7	1
135	Remote rehabilitation training using the combination of an exergame and telerehabilitation application: A case report of an elderly chronic stroke survivor. , 2019, , .		1
136	Towards a pan-Arctic inventory of the species diversity of the macro- and megabenthic fauna of the Arctic shelf seas. , 2011, 41, 51.		1
137	Modeling reef health from upstream socio-ecological components using GIS and RS. , 2013, , .		0
138	Editorial: Biogeochemical Consequences of Climate-Driven Changes in the Arctic. Frontiers in Environmental Science, 2021, 9, .	3.3	0
139	A discrete interaction numerical model for coagulation and fragmentation of marine detritic particulate matter (Coagfrag v.1). Geoscientific Model Development, 2021, 14, 4535-4554.	3.6	0
140	Description and Spatial Modelling of Benthic Communities Distribution in the Canadian Arctic Archipelago. Frontiers in Marine Science, 0, 9, .	2.5	0