Rejean Tremblay

List of Publications by Year
in descending order

179	3,980	126708	174990
papers	citations	33 h-index	52 g-index

186	186	186	4003
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antimicrobial Compounds from Eukaryotic Microalgae against Human Pathogens and Diseases in Aquaculture. Marine Drugs, 2016, 14, 159.	2.2	172
2	Temperature adaptation in two bivalve species from different thermal habitats: energetics and remodelling of membrane lipids. Journal of Experimental Biology, 2007, 210, 2999-3014.	0.8	157
3	Mixotrophic cultivation of green microalgae Scenedesmus obliquus on cheese whey permeate for biodiesel production. Algal Research, 2014, 5, 241-248.	2.4	143
4	Barnacle settlement:field experiments on the influence of larval supply, tidal level, biofilm quality and age on Balanus amphitrite cyprids. Marine Ecology - Progress Series, 2000, 199, 185-204.	0.9	114
5	Effect of varying levels of dietary essential fatty acid during early ontogeny of the sea scallop Placopecten magellanicus. Journal of Experimental Marine Biology and Ecology, 2004, 310, 73-86.	0.7	85
6	Bioenergetic and genetic parameters in relation to susceptibility of blue mussels, Mytilus edulis (L.) to summer mortality. Journal of Experimental Marine Biology and Ecology, 1998, 221, 27-58.	0.7	82
7	Variation of lipid class and fatty acid composition of Chaetoceros muelleri and Isochrysis sp. grown in a semicontinuous system. Aquaculture, 2003, 221, 393-406.	1.7	81
8	Integrative Study of Physiological Changes Associated with Bacterial Infection in Pacific Oyster Larvae. PLoS ONE, 2013, 8, e64534.	1.1	81
9	Marennine, Promising Blue Pigments from a Widespread Haslea Diatom Species Complex. Marine Drugs, 2014, 12, 3161-3189.	2.2	81
10	Identification of lipid and saccharide constituents of whole microalgal cells by 13C solid-state NMR. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 369-377.	1.4	75
11	Effect of ultrasonication and grinding on the determination of lipid class content of microalgae harvested on filters. Lipids, 2003, 38, 1191-1195.	0.7	73
12	Physiological and biochemical traits correlate with differences in growth rate and temperature adaptation among groups of the eastern oysterCrassostrea virginica. Journal of Experimental Biology, 2008, 211, 969-977.	0.8	72
13	Bivalve aquacultureâ€environment interactions in the context of climate change. Global Change Biology, 2016, 22, 3901-3913.	4.2	65
14	Biotic and abiotic factors influencing attachment strength of blue mussels Mytilus edulis in suspended culture. Aquatic Biology, 2008, 2, 119-129.	0.5	65
15	Ontogenetic changes in hyposaline tolerance in the mussels Mytilus edulis and M. trossulus: implications for distribution. Marine Ecology - Progress Series, 2002, 228, 143-152.	0.9	61
16	Match/mismatch between the Mytilus edulis larval supply and seston quality: effect on recruitment. Ecology, 2012, 93, 1922-1934.	1.5	59
17	The effect of anti-fouling treatments for the clubbed tunicate on the blue mussel, Mytilus edulis. Aquaculture, 2007, 264, 205-213.	1.7	57
18	Physiological condition of Balanus amphitrite cyprid larvae determines habitat selection success. Marine Ecology - Progress Series, 2007, 340, 1-8.	0.9	55

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19	Impact of suspended mussels (Mytilus edulis L.) on plankton communities in a Magdalen Islands lagoon (QuÃ©bec, Canada): A mesocosm approach. Journal of Experimental Marine Biology and Ecology, 2008, 365, 103-115.	0.7	54
20	Effect of biofilm age on settlement ofMytilus edulis. Biofouling, 2012, 28, 985-1001.	0.8	54
21	Selection Against Blue Mussels (Mytilus edulis L.) Homozygotes Under Various Stressful Conditions. , 2002, 93, 238-248.		51
22	Current lipid extraction methods are significantly enhanced adding a water treatment step in Chlorella protothecoides. Microbial Cell Factories, 2017, 16, 26.	1.9	50
23	Effect of Rhodomonas salina addition to a standard hatchery diet during the early ontogeny of the scallop Pecten maximus. Aquaculture, 2007, 262, 410-418.	1.7	48
24	Assessment of haemic neoplasia in different soft shell clam Mya arenaria populations from eastern Canada by flow cytometry. Journal of Invertebrate Pathology, 2008, 98, 190-197.	1.5	46
25	Lipid remodeling in wild and selectively bred hard clams at low temperatures in relation to genetic and physiological parameters. Journal of Experimental Biology, 2006, 209, 4663-4675.	0.8	45
26	Mixotrophic production of microalgae in pilot-scale photobioreactors: Practicability and process considerations. Algal Research, 2015, 10, 80-86.	2.4	45
27	Physiological condition and barnacle larval behavior:a preliminary look at the relationship between TAG/DNA ratio and larval substratum exploration in Balanus amphitrite. Marine Ecology - Progress Series, 2000, 198, 303-310.	0.9	45
28	Temporal variation of lysosomal capacities in relation to susceptibility of mussels, Mytilus edulis , to summer mortality. Marine Biology, 1998, 132, 641-649.	0.7	43
29	Effect of reproduction on escape responses, metabolic rates and muscle mitochondrial properties in the scallop Placopecten magellanicus. Marine Biology, 2008, 156, 25-38.	0.7	43
30	Settlement success, spatial pattern and behavior of mussel larvae Mytilus spp. in experimental 'downwelling' systems of varying velocity and turbulence. Marine Ecology - Progress Series, 2003, 260, 125-140.	0.9	42
31	A 2H solid-state NMR study of the effect of antimicrobial agents on intact Escherichia coli without mutating. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 614-622.	1.4	41
32	Solid-State NMR Structure Determination of Whole Anchoring Threads from the Blue Mussel Mytilus edulis. Biomacromolecules, 2013, 14, 132-141.	2.6	41
33	Northern shrimp (Pandalus borealis) oxygen consumption and metabolic enzyme activities are severely constrained by hypoxia in the Estuary and Gulf of St. Lawrence. Journal of Experimental Marine Biology and Ecology, 2013, 448, 298-307.	0.7	36
34	Picophytoplankton contribution to Mytilus edulis growth in an intensive culture environment. Marine Biology, 2016, 163, 1.	0.7	36
35	Effect of the Tidal Cycle on Lysosomal Membrane Stability in the Digestive Gland of Mya arenaria and Mytilus edulis L.. Comparative Biochemistry and Physiology A, Comparative Physiology, 1997, 117, 99-104.	0.7	35
36	Essential Fatty Acid Requirements in Tropical and Cold-Water Marine Fish Larvae and Juveniles. Frontiers in Marine Science, 2021, 8, .	1.2	35

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37	Temperature effect on survival, growth, and triacylglycerol content during the early ontogeny of Mytilus edulis and M. trossulus. Marine Ecology - Progress Series, 2010, 417, 183-191.	0.9	35
38	Effect of additions of dietary triacylglycerol microspheres on growth, survival, and settlement of mussel (Mytilus sp.) larvae. Marine Biology, 2004, 144, 693-703.	0.7	34
39	Essential fatty acid enrichment of cultured rotifers (Brachionus plicatilis, MÃ¼ller) using frozen-concentrated microalgae. Aquaculture Nutrition, 2009, 15, 431-439.	1.1	34
40	Lipid requirements of the scallop Pecten maximus (L.) during larval and post-larval development in relation to addition of Rhodomonas salina in diet. Aquaculture, 2010, 309, 212-221.	1.7	34
41	Impact of open sea habitat on byssus attachment of suspension-cultured blue mussels (Mytilus edulis). Aquaculture, 2014, 426-427, 189-196.	1.7	34
42	Influence of suspended mussel farming on planktonic communities in Grande-EntrÃ©e Lagoon, Magdalen Islands (QuÃ©bec, Canada). Aquaculture, 2008, 276, 91-102.	1.7	32
43	Physiological and biochemical changes associated with massive mortality events occurring in larvae of American oyster (Crassostrea virginica). Aquatic Living Resources, 2011, 24, 247-260.	0.5	31
44	Veliger Size at Metamorphosis and Temporal Variability in Prodissoconch II Morphometry in the Blue Mussel (Mytilus edulis): Potential Impact on Recruitment. Journal of Shellfish Research, 2014, 33, 443-455.	0.3	30
45	Whole cell solid-state NMR study of Chlamydomonas reinhardtii microalgae. Journal of Biomolecular NMR, 2018, 70, 123-131.	1.6	30
46	Remodeling of membrane lipids in gills of adult hard clam Mercenaria mercenaria during declining temperature. Aquatic Biology, 2008, 3, 101-109.	0.5	30
47	Effects of exposure to hypoxia on metabolic pathways in northern shrimp (Pandalus borealis) and Greenland halibut (Reinhardtius hippoglossoides). Journal of Experimental Marine Biology and Ecology, 2016, 483, 88-96.	0.7	29
48	Validation of trophic and anthropic underwater noise as settlement trigger in blue mussels. Scientific Reports, 2016, 6, 33829.	1.6	29
49	Potential link between exposure to fungicides chlorothalonil and mancozeb and haemic neoplasia development in the soft-shell clam Mya arenaria: A laboratory experiment. Marine Pollution Bulletin, 2009, 58, 503-514.	2.3	28
50	Glucose feeding recalibrates carbon flux distribution and favours lipid accumulation in Chlorella protothecoides through cell energetic management. Algal Research, 2016, 14, 83-91.	2.4	28
51	Food resources of the bivalve Astarte elliptica in a sub-Arctic fjord: a multi-biomarker approach. Marine Ecology - Progress Series, 2017, 567, 139-156.	0.9	28
52	Modeling the depuration potential of blue mussels (Mytilus spp.) in response to thermal shock. Aquaculture, 2005, 250, 183-193.	1.7	27
53	Trophic resources of the bivalve,Venus verrucosa, in the Chausey archipelago (Normandy,) Tj ETQq1 1 0.784314 rgBT /Overloc	0.5	27
54	Identification of Mytilus edulis genetic regulators during early development. Gene, 2014, 551, 65-78.	1.0	26

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55	Trophic niche partitioning of dominant Northâ€Atlantic krill species, Meganyctiphanes norvegica, Thysanoessa inermis, and T. raschii. Limnology and Oceanography, 2019, 64, 165-181.	1.6	25
56	Flocculation processes optimization for reuse of culture medium without pH neutralization. Algal Research, 2019, 39, 101437.	2.4	24
57	The effect of high air and water temperature on juvenile Mytilus edulis in Prince Edward Island, Canada. Aquaculture, 2005, 243, 185-194.	1.7	23
58	Does allelopathy affect co-culturing Haslea ostrearia with other microalgae relevant to aquaculture?. Journal of Applied Phycology, 2016, 28, 2241-2254.	1.5	23
59	Disseminated Neoplasia in the Softâ€Shell Clam Mya arenaria: Membrane Lipid Composition and Functional Parameters of Circulating Cells. Lipids, 2014, 49, 807-818.	0.7	22
60	Physiological condition and differential feeding behaviour in the cryptic species complex Eurytemora affinis in the St Lawrence estuary. Journal of Plankton Research, 2015, 37, 372-387.	0.8	22
61	Larval transport processes of barnacle larvae in the vicinity of the interface between two genetically different populations of Semibalanus balanoides. Marine Ecology - Progress Series, 2002, 229, 165-172.	0.9	22
62	PSP-producing dinoflagellate Alexandrium minutum induces valve microclosures in the mussel Mytilus galloprovincialis. Aquaculture, 2019, 500, 407-413.	1.7	21
63	Ontogeny of bivalve immunity: assessing the potential of nextâ€generation sequencing techniques. Reviews in Aquaculture, 2015, 7, 197-217.	4.6	20
64	Expression of candidate genes related to metabolism, immunity and cellular stress during massive mortality in the American oyster Crassostrea virginica larvae in relation to biochemical and physiological parameters. Gene, 2012, 499, 70-75.	1.0	19
65	Prophylactic effect ofHaslea ostreariaculture supernatant containing the pigment marennine to stabilize bivalve hatchery production. Aquatic Living Resources, 2016, 29, 401.	0.5	19
66	Trophic environments influence size at metamorphosis and recruitment performance of Pacific oysters. Marine Ecology - Progress Series, 2018, 602, 135-153.	0.9	18
67	Assessment of paternal effect and physiological cost of metamorphosis on growth of young winter flounder Pseudopleuronectes americanus juveniles in a cold environment. Journal of Fish Biology, 2010, 76, 930-948.	0.7	17
68	The importance of turbulent kinetic energy on transport of juvenile clams (Mya arenaria). Aquaculture, 2010, 307, 20-28.	1.7	17
69	Physiological and biochemical indicators of mussel seed quality in relation to temperatures. Aquatic Living Resources, 2011, 24, 273-282.	0.5	17
70	Interspecies comparison of the mechanical properties and biochemical composition of byssal threads. Journal of Experimental Biology, 2017, 220, 984-994.	0.8	17
71	The effect of spawning of cultured mussels (Mytilus edulis) on mechanical properties, chemical and biochemical composition of byssal threads. Aquaculture, 2013, 410-411, 11-17.	1.7	16
72	Trophic cues promote secondary migrations of bivalve recruits in a highly dynamic temperate intertidal system. Ecosphere, 2018, 9, e02510.	1.0	16

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73	Local cold adaption increases the thermal window of temperate mussels in the Arctic. , 2019, 7, coz098.		16
74	FT-IR/ATR univariate and multivariate calibration models for in situ monitoring of sugars in complex microalgal culture media. Bioresource Technology, 2013, 144, 664-668.	4.8	15
75	Impact of suspension culture using mesh sleeves on genetic characteristics of Mytilus edulis L. in Canada. Aquaculture, 2009, 291, 147-153.	1.7	14
76	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 June 2011â€“31 July 2011. Molecular Ecology Resources, 2011, 11, 1124-1126.	2.2	14
77	Biochemical egg quality in a captive walleye (Sander vitreus) broodstock population relative to ovulation timing following hormonal treatment. Aquaculture, 2014, 431, 99-106.	1.7	14
78	Phycoremediation of cheese whey permeate using directed commensalism between Scenedesmus obliquus and Chlorella protothecoides. Algal Research, 2017, 22, 122-126.	2.4	14
79	Nursery function of coastal temperate benthic habitats: New insight from the bivalve recruitment perspective. Journal of Sea Research, 2017, 121, 11-23.	0.6	14
80	Divergence in physiological factors affecting swimming performance between anadromous and resident populations of brook charr Salvelinus fontinalis. Journal of Fish Biology, 2017, 90, 2170-2193.	0.7	14
81	Shells of the bivalve Astarte moerchi give new evidence of a strong pelagic-benthic coupling shift occurring since the late 1970s in the North Water polynya. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2020, 378, 20190353.	1.6	14
82	Interacting environmental stressors modulate reproductive output and larval performance in a tropical intertidal barnacle. Marine Ecology - Progress Series, 2015, 532, 161-175.	0.9	14
83	The effect of selection treatments on Mytilus edulis, modifications of genetic and physiological characteristics. Marine Biology, 2008, 153, 1141-1152.	0.7	13
84	Decreases in multi-locus heterozygosity in suspension-cultured mussels (Mytilus edulis) through loss of the more heterozygous individuals. Aquaculture, 2009, 295, 188-194.	1.7	13
85	Effects of pesticide compounds (chlorothalonil and mancozeb) and benzo[a]pyrene mixture on aryl hydrocarbon receptor, p53 and ubiquitin gene expression levels in haemocytes of soft-shell clams (Mya arenaria). Ecotoxicology, 2011, 20, 1765-1772.	1.1	13
86	Strong population differentiation of softshell clams (Mya arenaria) sampled across seven biogeographic marine ecoregions: possible selection and isolation by distance. Marine Biology, 2013, 160, 1065-1081.	0.7	13
87	Labelling strategy and membrane characterization of marine bacteria Vibrio splendidus by in vivo 2H NMR. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 871-878.	1.4	13
88	Biochemical and genetic characteristics of suspension-cultured mussels (Mytilus edulis) in relation to byssal thread production and losses by fall-off. Aquatic Living Resources, 2011, 24, 283-293.	0.5	12
89	Tracking larvae with molecular markers reveals high relatedness and early seasonal recruitment success in a partially spawning marine bivalve. Oecologia, 2015, 178, 733-746.	0.9	12
90	Prey quality impact on the feeding behavior and lipid composition of winter flounder (Pseudopleuronectes americanus) larvae. Aquaculture and Fisheries, 2018, 3, 145-155.	1.2	12

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91	Anthropogenic boat noise reduces feeding success in winter flounder larvae (Pseudopleuronectes) Tj ETQq1 1 0.784314 rgBT /Overlo	0.4	12
92	Condition, survival and growth in situ of hatchery-reared stage IV lobster (Homarus americanus) fed Artemia and lipid-rich wild zooplankton. Aquaculture, 2013, 416-417, 380-389.	1.7	11
93	Scallop larval survival from erythromycin treated broodstock after conditioning without sediment. Aquaculture, 2015, 437, 312-317.	1.7	11
94	Influence of intertidal recreational fisheries and â€˜bouchotâ€™ mussel culture on bivalve recruitment. Marine Environmental Research, 2016, 117, 1-12.	1.1	11
95	Harmful or harmless: Biological effects of marennine on marine organisms. Aquatic Toxicology, 2019, 209, 13-25.	1.9	11
96	Modelling bivalve culture - Eutrophication interactions in shallow coastal ecosystems. Marine Pollution Bulletin, 2020, 157, 111282.	2.3	11
97	Dietary tracers in Bathyarca glacialis from contrasting trophic regions in the Canadian Arctic. Marine Ecology - Progress Series, 2015, 536, 175-186.	0.9	11
98	Bacterial colonization of winter flounder Pseudopleuronectes americanus fed live feed enriched with three different commercial diets. Aquaculture Nutrition, 2011, 17, e196-e206.	1.1	10
99	Influence of different levels of dissolved oxygen on the success of Greenland halibut (Reinhardtius) Tj ETQq1 1 0.784314 rgBT /Overlo	0.7	10
100	Effect of marennine produced by the blue diatom Haslea ostrearia on behavioral, physiological and biochemical traits of juvenile Mytilus edulis and Crassostrea virginica. Aquaculture, 2017, 467, 138-148.	1.7	10
101	Spatio-temporal variability of biomarker responses and lipid composition of Marphysa sanguinea, Montagu (1813) in the anthropic impacted lagoon of Tunis. Marine Pollution Bulletin, 2019, 144, 275-286.	2.3	10
102	Bonefish (Albula vulpes) oocyte lipid class and fatty acid composition related to their development. Environmental Biology of Fishes, 2019, 102, 221-232.	0.4	10
103	Electrochromic Properties and Electrochemical Behavior of Marennine, a Bioactive Blue-Green Pigment Produced by the Marine Diatom Haslea ostrearia. Marine Drugs, 2021, 19, 231.	2.2	10
104	Importance of ice algae and pelagic phytoplankton as food sources revealed by fatty acid trophic markers in a keystone species (Mytilus trossulus) from the High Arctic. Marine Ecology - Progress Series, 2017, 572, 155-164.	0.9	10
105	Fecundity, growth rate and survivorship at the interface between two contiguous genetically distinct groups of Semibalanus balanoides. Marine Ecology - Progress Series, 2002, 229, 173-184.	0.9	10
106	Growth and Lipid Composition of Winter Flounder Juveniles Reared under Natural and Fixed Photoperiod and Temperature Conditions. North American Journal of Aquaculture, 2011, 73, 89-96.	0.7	9
107	Effect of the probiotic strainPhaeobacter gallaeciensisafter bacterial challenge on the complete larval development ofPecten maximus. Aquatic Living Resources, 2014, 27, 27-34.	0.5	9
108	Settlement behavior of American lobster (Homarus americanus): effect of female origin and developmental temperature. Fisheries Oceanography, 2017, 26, 69-82.	0.9	9

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109	Trophic cues as possible triggers of mussel larval settlement in southeastern Brazil. Aquatic Living Resources, 2018, 31, 26.	0.5	9
110	Sensitivity to oil dispersants: Effects on the valve movements of the blue mussel Mytilus edulis and the giant scallop Placopecten magellanicus, in sub-arctic conditions. Aquatic Toxicology, 2021, 234, 105797.	1.9	9
111	Wind drives microbial eukaryote communities in a temperate closed lagoon. Aquatic Microbial Ecology, 2017, 78, 187-200.	0.9	9
112	Determination of isotopic labeling of proteins by precursor ion scanning liquid chromatography/tandem mass spectrometry of derivatized amino acids applied to nuclear magnetic resonance studies. Rapid Communications in Mass Spectrometry, 2012, 26, 1165-1174.	0.7	8
113	Impact of arachidonic acid enrichment of live rotifer prey on bacterial communities in rotifer and larval fish cultures. Canadian Journal of Microbiology, 2013, 59, 189-196.	0.8	8
114	Differences in nutrient content of eggs and larvae as indicators for improvement of broodstock nutrition in walleye (Sander vitreus) production. Canadian Journal of Zoology, 2017, 95, 299-310.	0.4	8
115	Temporal variation of secondary migrations potential: concept of temporal windows in four commercial bivalve species. Aquatic Living Resources, 2018, 31, 19.	0.5	8
116	Production of flounder (Pleuronectiformes) in eastern North America: biological issues¹This review is part of a virtual symposium on current topics in aquaculture of marine fish and shellfish.. Canadian Journal of Zoology, 2011, 89, 612-621.	0.4	7
117	Regional variation of gene regulation associated with storage lipid metabolism in American glass eels (Anguilla rostrata). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2016, 196, 30-37.	0.8	7
118	Influence of the physiological condition of bivalve recruits on their post-settlement dispersal potential. Marine Ecology - Progress Series, 2020, 636, 77-89.	0.9	7
119	Failure of bivalve foundation species recruitment related to trophic changes during an extreme heatwave event. Marine Ecology - Progress Series, 2022, 691, 69-82.	0.9	7
120	Larval Quality of a Nonnative Bivalve Species (European Oyster, Ostrea edulis) Off the East Canadian Coast. Journal of Shellfish Research, 2008, 27, 701-710.	0.3	6
121	Regional variation in energy storage strategies in American glass eels from Eastern Canada. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2015, 188, 87-95.	0.8	6
122	Development and validation of anin situand real-time quantification method for bicarbonate, carbonate and orthophosphate ions by ATR FT-IR spectroscopy in aqueous solutions. Analyst, The, 2018, 143, 4387-4393.	1.7	6
123	Does culture supernatant of Haslea ostrearia containing marennine affect short-term physiological traits in the adult blue mussel Mytilus edulis?. Aquaculture Reports, 2019, 15, 100228.	0.7	6
124	Commercial Performance of Blue Mussel (Mytilus edulis, L.) Stocks at a Microgeographic Scale. Journal of Marine Science and Engineering, 2020, 8, 382.	1.2	6
125	Pull the trigger: interplay between benthic and pelagic cues driving the early recruitment of a natural bivalve assemblage. Ecosphere, 2022, 13, e03672.	1.0	6
126	Inoculation Experiments to Understand Mass Mortalities in Sea Scallop, Placopecten magellanicus. Journal of Shellfish Research, 2008, 27, 251-260.	0.3	5

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127	Allozyme heterozygosity and escape response performance of the scallops, Argopecten purpuratus and Placopecten magellanicus. Marine Biology, 2011, 158, 1903-1913.	0.7	5
128	Effect of shear velocity and flow regimes on scallop post-larval detachment feed on two different diets. Aquaculture, 2012, 370-371, 172-178.	1.7	5
129	Expression of genes involved in key metabolic processes during winter flounder (Pseudopleuronectes americanus) metamorphosis. Canadian Journal of Zoology, 2013, 91, 156-163.	0.4	5
130	Predicting growth and mortality of bivalve larvae using gene expression and supervised machine learning. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2015, 16, 59-72.	0.4	5
131	Behavioural and lethal effects of sediment burial on quiescent Eastern oysters Crassostrea virginica. Aquaculture, 2017, 469, 9-15.	1.7	5
132	A kinetic metabolic study of lipid production in Chlorella protothecoides under heterotrophic condition. Microbial Cell Factories, 2019, 18, 113.	1.9	5
133	Seasonal and large-scale spatial variability of the energy reserves and the feeding selectivity of Meganyctiphanes norvegica and Thysanoessa inermis in a Subarctic environment. Progress in Oceanography, 2019, 179, 102203.	1.5	5
134	Improving scallop (Pecten maximus and Placopecten magellanicus) spat production by initial larvae size and hydrodynamic cues used in nursery system. Aquaculture, 2020, 516, 734650.	1.7	5
135	Response of tropical and subtropical chthamalid barnacles to increasing substrate temperatures. Journal of Experimental Marine Biology and Ecology, 2020, 524, 151281.	0.7	5
136	Physiological differences between wild and cultured bivalves in Prince Edward Island, Canada. Aquatic Living Resources, 2020, 33, 8.	0.5	5
137	Extraction Improvement of the Bioactive Blue-Green Pigment â€œMarennineâ€•from Diatom Haslea ostrearia‚€™s Blue Water: A Solid-Phase Method Based on Graphitic Matrices. Marine Drugs, 2020, 18, 653.	2.2	5
138	Comparison of absorption efficiency and metabolic rate between wild and aquaculture oysters (Crassostrea virginica). Aquaculture Reports, 2020, 16, 100263.	0.7	5
139	Investigating the action of the microalgal pigment marennine on Vibrio splendidus by in vivo 2H and 31P solid-state NMR. Biochimica Et Biophysica Acta - Biomembranes, 2021, 1863, 183642.	1.4	5
140	The complete mitochondrial DNA of the tropical oyster Crassostrea belcheri from the Cá°§n GiÃ²â€™ mangrove in Vietnam. Mitochondrial DNA Part B: Resources, 2018, 3, 462-463.	0.2	4
141	Drifting in the Caribbean: Hints from the intertidal bivalve Isognomon alatus. Estuarine, Coastal and Shelf Science, 2019, 227, 106333.	0.9	4
142	Mismatched seasonal patterns of larval production and quality in subtropical barnacle populations along a coastal trophic gradient. Estuarine, Coastal and Shelf Science, 2019, 224, 43-50.	0.9	4
143	Investigating Byssogenesis with Proteomic Analysis of Byssus, Foot, and Mantle in Mytilus Mussels by LCâ€MS/MS. Proteomics, 2021, 21, 2000014.	1.3	4
144	Effects of the toxic dinoflagellate Alexandrium catenella on the behaviour and physiology of the blue mussel Mytilus edulis. Harmful Algae, 2021, 108, 102097.	2.2	4

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145	Potential for Local Fertilization: A Benthocosm Test of Long-Term and Short-Term Effects of Mussel Excretion on the Plankton. PLoS ONE, 2016, 11, e0156411.	1.1	4
146	The Implication of Metabolic Performance of Mytilus edulis, Mytilus trossulus, and Hybrids for Mussel Aquaculture in Eastern Canadian Waters. Journal of Marine Biology and Aquaculture, 2016, 2, 1-7.	0.1	4
147	Nutrient-Loading Mitigation by Shellfish Aquaculture in Semi-Enclosed Estuaries. Frontiers in Marine Science, 0, 9, .	1.2	4
148	Effects of algae-enriched rotifers on winter flounder (Pseudopleuronectes americanus) gene expression during metamorphosis. Marine Biology, 2014, 161, 985.	0.7	3
149	Effects of hydrodynamic factors on Pecten maximus larval development. Aquaculture Research, 2017, 48, 5463-5471.	0.9	3
150	Cell size-based, passive selection of the blue diatom Haslea ostrearia by the oyster Crassostrea gigas. Journal of Molluscan Studies, 2017, 83, 145-152.	0.4	3
151	Cultured eastern oysters (Crassostrea virginica): retention and assimilation of picophytoplankton using a multi-biomarker approach. Aquatic Living Resources, 2017, 30, 31.	0.5	3
152	Complete mitogenome of Cerithidea obtusa, the red chut-chut snail from the Cá°§n Giá»•Mangrove in Vietnam. Mitochondrial DNA Part B: Resources, 2018, 3, 1267-1269.	0.2	3
153	Influence of the timing of weaning on growth and survival of juvenile winter flounder (Pseudopleuronectesamericanus). Canadian Journal of Zoology, 2018, 96, 1291-1298.	0.4	3
154	Evidence for enhanced late-stage larval quality, not survival, through maternal carry-over effects in a space monopolizing barnacle. Hydrobiologia, 2019, 830, 277-286.	1.0	3
155	Under ice spills of conventional crude oil and diluted bitumen: Physiological resilience of the blue mussel and transgenerational effects. Science of the Total Environment, 2021, 779, 146316.	3.9	3
156	Not only greening: The effects of marennine produced by Haslea ostrearia on physiological traits of three bivalve species. Aquaculture Reports, 2020, 18, 100546.	0.7	3
157	Allochthonous subsidies drive early recruitment of a subtropical foundation species. Oikos, 0, , .	1.2	3
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