Jonathan Flye-Sainte-Marie

List of Publications by Year
in descending order

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Version: 2024-02-01

29	590	566801 15	610482 24
papers	citations	h-index	g-index

29	29	29	724
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sizeâ€based survival of cultured Argopecten purpuratus (L, 1819) under severe hypoxia. Journal of the World Aquaculture Society, 2022, 53, 151-173.	1.2	7
2	Physiological and comparative proteomic analyzes reveal immune defense response of the king scallop Pecten maximus in presence of paralytic shellfish toxin (PST) from Alexandrium minutum. Harmful Algae, 2022, 115, 102231.	2.2	0
3	Effect of low pH on growth and shell mechanical properties of the Peruvian scallop Argopecten purpuratus (Lamarck, 1819). Marine Environmental Research, 2022, 177, 105639.	1.1	1
4	Effects of hypoxia on metabolic functions in marine organisms: Observed patterns and modelling assumptions within the context of Dynamic Energy Budget (DEB) theory. Journal of Sea Research, 2019, 143, 231-242.	0.6	42
5	Modeling the impact of hypoxia on the energy budget of Atlantic cod in two populations of the Gulf of Saint-Lawrence, Canada. Journal of Sea Research, 2019, 143, 243-253.	0.6	9
6	Chronic and severe hypoxic conditions in Paracas Bay, Pisco, Peru: Consequences on scallop growth, reproduction, and survival. Aquaculture, 2019, 512, 734259.	1.7	17
7	Modelling paralytic shellfish toxins (PST) accumulation in Crassostrea gigas by using Dynamic Energy Budgets (DEB). Journal of Sea Research, 2019, 143, 152-164.	0.6	12
8	Reconstructing physiological history from growth, a method to invert DEB models. Journal of Sea Research, 2019, 143, 183-192.	0.6	4
9	Predicting the energy budget of the scallop Argopecten purpuratus in an oxygenâ€“limiting environment. Journal of Sea Research, 2019, 143, 254-261.	0.6	9
10	What can the shell tell about the scallop? Using growth trajectories along latitudinal and bathymetric gradients to reconstruct physiological history with DEB theory. Journal of Sea Research, 2019, 143, 193-206.	0.6	2
11	Sources of paralytic shellfish toxin accumulation variability in the Pacific oyster Crassostrea gigas. Toxicon, 2018, 144, 14-22.	0.8	18
12	Feeding behaviour and growth of the Peruvian scallop (Argopecten purpuratus) under daily cyclic hypoxia conditions. Journal of Sea Research, 2018, 131, 85-94.	0.6	17
13	A coupled biophysical model for the distribution of the great scallop Pecten maximus in the English Channel. Journal of Marine Systems, 2017, 167, 55-67.	0.9	16
14	Preferencia y tolerancia tÃ©rmica de juveniles de chita Anisotremus scapularis (Pisces: Haemulidae). Revista De Biologia Marina Y Oceanografia, 2017, 52, 581-589.	0.1	2
15	Effects of progressive hypoxia on oxygen uptake in juveniles of the Peruvian scallop, Argopecten purpuratus (Lamarck, 1819). Aquaculture, 2016, 451, 385-389.	1.7	22
16	Deciphering the molecular adaptation of the king scallop (Pecten maximus) to heat stress using transcriptomics and proteomics. BMC Genomics, 2015, 16, 988.	1.2	41
17	Sclerochronological records and daily microgrowth of the Peruvian scallop (Argopecten) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 Sea Research, 2015, 99, 1-8.	0.6	17
18	Proteomic responses to hypoxia at different temperatures in the great scallop (Pecten) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (r	0.9	16

#	Article	IF	Citations
19	Towards the Determination of Mytilus edulis Food Preferences Using the Dynamic Energy Budget (DEB) Theory. PLoS ONE, 2014, 9, e109796.	1.1	19
20	Deep sequencing of the mantle transcriptome of the great scallop Pecten maximus. Marine Genomics, 2014, 15, 3-4.	0.4	39
21	Respiratory response to combined heat and hypoxia in the marine bivalves Pecten maximus and Mytilus spp.. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2014, 175, 135-140.	0.8	42
22	Feeding and energetics of the great scallop, Pecten maximus, through a DEB model. Journal of Sea Research, 2014, 94, 5-18.	0.6	25
23	A theoretical individual-based model of Brown Ring Disease in Manila clams, Venerupis philippinarum. Journal of Sea Research, 2014, 91, 15-34.	0.6	15
24	Handling Enhances the Development of Signs of Brown Ring Disease inRuditapes philippinarum. Journal of Shellfish Research, 2011, 30, 13-15.	0.3	5
25	Variability of the hemocyte parameters of Ruditapes philippinarum in the field during an annual cycle. Journal of Experimental Marine Biology and Ecology, 2009, 377, 1-11.	0.7	67
26	A quantitative estimation of the energetic cost of brown ring disease in the Manila clam using Dynamic Energy Budget theory. Journal of Sea Research, 2009, 62, 114-123.	0.6	29
27	Effect of sediment grain-size on development of brown ring disease in the Manila clam Ruditapes philippinarum. Aquaculture, 2008, 278, 184-187.	1.7	12
28	Ecophysiological dynamic model of individual growth of Ruditapes philippinarum. Aquaculture, 2007, 266, 130-143.	1.7	35
29	Impact of Brown Ring Disease on the energy budget of the Manila clam Ruditapes philippinarum. Journal of Experimental Marine Biology and Ecology, 2007, 349, 378-389.	0.7	50