Uxio Labarta

List of Publications by Year
in descending order

48	1,172	279798	414414
papers	citations	23 h-index	32 g-index

48	48	48	966
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evaluation of live microalgal diets for the seed culture of Ruditapes decussatus using physiological and biochemical parameters. Aquaculture, 1996, 148, 11-23.	3.5	70
2	Modelling local food depletion effects in mussel rafts of Galician Rias. Aquaculture, 2008, 274, 300-312.	3.5	65
3	Flowâ€through chamber method for clearance rate measurements in bivalves: design and validation of individual chambers and mesocosm. Limnology and Oceanography: Methods, 2006, 4, 284-292.	2.0	61
4	Influence of stocking density on growth of mussels (Mytilus galloprovincialis) in suspended culture. Aquaculture, 2012, 342-343, 103-111.	3.5	57
5	Metabolism of the mussel Mytilus galloprovincialis from two origins in the RÃa de Arousa (north-west Spain). Journal of the Marine Biological Association of the United Kingdom, 2000, 80, 865-872.	0.8	48
6	Suspended particulate matter depletion and flow modification inside mussel (Mytilus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (gall and Ecology, 2014, 452, 70-81.	1.5	47
7	Assessment of spat collector ropes in Galician mussel farming. Aquacultural Engineering, 2007, 37, 195-201.	3.1	46
8	Secretion of byssal threads and attachment strength ofMytilus galloprovincialis: the influence of size and food availability. Journal of the Marine Biological Association of the United Kingdom, 2008, 88, 783-791.	0.8	45
9	Effect of condition index on allometric relationships of clearance rate in Mytilus galloprovincialis Lamarck, 1819. Revista De Biologia Marina Y Oceanografia, 2008, 43, .	0.2	40
10	Growth of Mytilus galloprovincialis after the Prestige oil spill. ICES Journal of Marine Science, 2006, 63, 1005-1013.	2.5	35
11	Mussel production management: Raft culture without thinning-out. Aquaculture, 2013, 406-407, 172-179.	3.5	34
12	Feeding behaviour and differential absorption of nutrients in mussel Mytilus galloprovincialis: Responses to three microalgae diets. Aquaculture, 2015, 446, 42-47.	3.5	33
13	The Galician mussel industry: Innovation and changes in the last forty years. Ocean and Coastal Management, 2019, 167, 208-218.	4.4	33
14	Absorption efficiency of mussels Mytilus edulis and Mytilus galloprovincialis cultured under Integrated Multi-Trophic Aquaculture conditions in the Bay of Fundy (Canada) and RÃa Ares-Betanzos (Spain). Aquaculture, 2013, 388-391, 182-192.	3.5	31
15	Temporal and spatial variations in proximate composition and Condition Index of mussels Mytilus galloprovincialis cultured in suspension in a shellfish farm. Aquaculture, 2015, 435, 207-216.	3.5	30
16	The role of fish predation on recruitment of Mytilus galloprovincialis on different artificial mussel collectors. Aquacultural Engineering, 2010, 42, 25-30.	3.1	29
17	A modeling study on the hydrodynamics of a coastal embayment occupied by mussel farms (Ria de) Tj ETQq1 1 0.784314 rgBT /Overl	2.1	29
18	Settlement and recruitment patterns ofMytilus galloprovincialisL. in the RÃa de Ares-Betanzos (NW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.8	27

#	ARTICLE	IF	CITATIONS
19	Flexibility of Physiological Traits Underlying Inter-Individual Growth Differences in Intertidal and Subtidal Mussels Mytilusgalloprovincialis. PLoS ONE, 2016, 11, e0148245.	2.5	27
20	Ecosystem-based indicators as a tool for mussel culture management strategies. Ecological Indicators, 2014, 45, 538-548.	6.3	25
21	Contrasting Physiological Responses of Two Populations of the Razor Clam Tagelus dombeii with Different Histories of Exposure to Paralytic Shellfish Poisoning (PSP). PLoS ONE, 2014, 9, e105794.	2.5	24
22	Growth patterns in biomass and size structure of Mytilus galloprovincialis cultivated in the RÃa de Arousa (north-west Spain). Journal of the Marine Biological Association of the United Kingdom, 2003, 83, 151-158.	0.8	23
23	Net ecosystem metabolism of a coastal embayment fertilised by upwelling and continental runoff. Continental Shelf Research, 2011, 31, 400-413.	1.8	23
24	Density-dependent effects on morphological plasticity of Mytilus gallloprovincialis in suspended culture. Aquaculture, 2012, 338-341, 246-252.	3.5	23
25	Fatty acids as tracers of trophic interactions between seston, mussels and biodeposits in a coastal embayment of mussel rafts in the proximity of fish cages. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2014, 172-173, 105-115.	1.6	23
26	Energy metabolism and performance of Mytilus galloprovincialis under anaerobiosis. Journal of the Marine Biological Association of the United Kingdom, 2007, 87, 941-946.	0.8	19
27	Effects of seasonal variations in phytoplankton on the bioenergetic responses of mussels (Mytilus) Tj ETQq1 1 0.784314 rgBT /Overlock Aquaculture, 2014, 428-429, 41-53.	3.5	19
28	The self-thinning rule applied to cultured populations in aggregate growth matrices. Journal of Molluscan Studies, 2008, 74, 415-418.	1.2	17
29	Allometric size-scaling of biometric growth parameters and metabolic and excretion rates. A comparative study of intertidal and subtidal populations of mussels (Mytilus galloprovincialis). Hydrobiologia, 2016, 772, 261-275.	2.0	16
30	Free amino acid composition in juveniles of Mytilus galloprovincialis: Spatial variability after Prestige oil spill. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2006, 145, 204-213.	1.8	14
31	Spatial patterns of larval settlement and early post-settlement survivorship of Mytilus galloprovincialis in a Galician RÃa (NW Spain). Effect on recruitment success. Regional Studies in Marine Science, 2015, 2, 1-10.	0.7	14
32	In situ absorption efficiency processes for the cultured mussel Mytilus galloprovincialis in RÃa de Arousa (north-west Spain). Journal of the Marine Biological Association of the United Kingdom, 2003, 83, 1059-1064.	0.8	12
33	Growth variations within a farm of mussel (Mytilus galloprovincialis) held near fish cages: importance for the implementation of integrated aquaculture. Aquaculture Research, 2015, 46, 1988-2002.	1.8	12
34	Modelling mussel shell and flesh growth using a dynamic net production approach. Aquaculture, 2019, 506, 84-93.	3.5	12
35	Evaluation of self-thinning models and estimation methods in multilayered sessile animal populations. Ecosphere, 2012, 3, art71.	2.2	11
36	Variability in biochemical components of the mussel (Mytilus galloprovincialis) cultured after Prestige oil spill. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2007, 145, 588-594.	2.6	10

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37	Effect of submerged time of collector ropes on the settlement capacity of Mytilus galloprovincialis L.. Aquaculture Research, 2007, 38, 1679-1681.	1.8	10
38	Interaction between stocking density and settlement on population dynamics in suspended mussel culture. Journal of Sea Research, 2015, 95, 84-94.	1.6	9
39	Dynamic selfâ€thinning model for sessile animal populations with multilayered distribution. Reviews in Aquaculture, 2014, 6, 115-127.	9.0	8
40	A bioeconomic approach to optimize mussel culture production. Reviews in Aquaculture, 2017, 9, 125-140.	9.0	8
41	Circulation of water through a mussel raft: clearance area vs. idealized linear flows. Reviews in Aquaculture, 2017, 9, 3-22.	9.0	8
42	From classical to nonparametric growth models: Towards comprehensive modelling of mussel growth patterns. Marine Environmental Research, 2017, 127, 41-48.	2.5	8
43	Characterizing individual variability in mussel (Mytilus galloprovincialis) growth and testing its physiological drivers using Functional Data Analysis. PLoS ONE, 2018, 13, e0205981.	2.5	8
44	Short-term feeding response of the scallop Argopecten purpuratus exposed to two different diets. Journal of the Marine Biological Association of the United Kingdom, 2004, 84, 775-779.	0.8	7
45	Solar irradiance dictates settlement timing and intensity of marine mussels. Scientific Reports, 2016, 6, 29405.	3.3	7
46	Environmental drivers of mussels flesh yield in a coastal upwelling system. Ecological Indicators, 2017, 79, 323-329.	6.3	6
47	Modeling the impact of climate change on mussel aquaculture in a coastal upwelling system: A critical assessment. Science of the Total Environment, 2021, 775, 145020.	8.0	5
48	Growth and biochemical responses of the offspring of mussels directly affected by the â€œPrestigeâ€•oil spill. ICES Journal of Marine Science, 2008, 65, 509-513.	2.5	4