Jos? Mf Babarro

List of Publications by Year in descending order

40 papers	841 citations	430442 18 h-index	525886 27 g-index
40 all docs	40 docs citations	40 times ranked	910 citing authors

#	Article	IF	Citations
1	From Broad-Spectrum Biocides to Quorum Sensing Disruptors and Mussel Repellents: Antifouling Profile of Alkyl Triphenylphosphonium Salts. PLoS ONE, 2015, 10, e0123652.	1.1	54
2	Attachment strength of the mussel Mytilus galloprovincialis: Effect of habitat and body size. Journal of Experimental Marine Biology and Ecology, 2013, 443, 188-196.	0.7	50
3	Valve-gaping behavior of raft-cultivated mussels in the RÃa de Arousa, Spain. Aquaculture Reports, 2018, 9, 68-73.	0.7	50
4	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.	0.4	48
5	Anoxic survival potential of bivalves: (arte)facts. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2002, 131, 615-624.	0.8	46
6	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.	0.4	45
7	Secretion of byssal threads in Mytilus galloprovincialis: quantitative and qualitative values after spawning stress. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2010, 180, 95-104.	0.7	44
8	Growth of Mytilus galloprovincialis after the Prestige oil spill. ICES Journal of Marine Science, 2006, 63, 1005-1013.	1.2	35
9	Response of Two Mytilids to a Heatwave: The Complex Interplay of Physiology, Behaviour and Ecological Interactions. PLoS ONE, 2016, 11, e0164330.	1.1	34
10	Anaerobic survival potential of four bivalves from different habitats. A comparative survey. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 151, 108-113.	0.8	27
11	Studies on the causes of mortality of the estuarine bivalve Macoma balthica under conditions of (near) anoxia. Marine Biology, 2001, 138, 1021-1028.	0.7	25
12	Byssus attachment strength of two mytilids in mono-specific and mixed-species mussel beds. Biofouling, 2014, 30, 975-985.	0.8	24
13	The Synergistic Impacts of Anthropogenic Stressors and COVID-19 on Aquaculture: A Current Global Perspective. Reviews in Fisheries Science and Aquaculture, 2022, 30, 123-135.	5.1	24
14	Anoxic survival of Macoma balthica: the effect of antibiotics, molybdate and sulphide. Journal of Experimental Marine Biology and Ecology, 2001, 256, 241-251.	0.7	23
15	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.	0.4	23
16	Influence of preservation techniques and freezing storage time on biochemical composition and spectrum of fatty acids ofIsochrysis galbanaclone T-ISO. Aquaculture Research, 2001, 32, 565-572.	0.9	22
17	PSP-producing dinoflagellate Alexandrium minutum induces valve microclosures in the mussel Mytilus galloprovincialis. Aquaculture, 2019, 500, 407-413.	1.7	21
18	Energy metabolism and performance of Mytilus galloprovincialis under anaerobiosis. Journal of the Marine Biological Association of the United Kingdom, 2007, 87, 941-946.	0.4	19

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19	Susceptibility of two co-existing mytilid species to simulated predation under projected climate change conditions. Hydrobiologia, 2018, 807, 247-261.	1.0	19
20	The killer within: Endogenous bacteria accelerate oyster mortality during sustained anoxia. Limnology and Oceanography, 2021, 66, 2885-2900.	1.6	19
21	Influence of abiotic factors on bacterial proliferation and anoxic survival of the sea mussel Mytilus edulis L.. Journal of Experimental Marine Biology and Ecology, 2002, 273, 33-49.	0.7	18
22	Interspecies comparison of the mechanical properties and biochemical composition of byssal threads. Journal of Experimental Biology, 2017, 220, 984-994.	0.8	17
23	Ecophysiological responses of invasive and indigenous mytilids in the RÃa de Vigo (NW Spain). Aquatic Living Resources, 2011, 24, 303-315.	0.5	15
24	Behavioural responses to predators in Mediterranean mussels (Mytilus galloprovincialis) are unaffected by elevated pCO2. Marine Environmental Research, 2020, 161, 105148.	1.1	15
25	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.	0.8	14
26	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.	0.4	12
27	The Mediterranean mussel Mytilus galloprovincialis: responses to climate change scenarios as a function of the original habitat. , 2021, 9, coaa114.		12
28	Influence of Environmental Factors on the Reproductive Cycle of the Eared ArkAnadara notabilis(RÃ¶ding, 1798) In Northeastern Venezuela. Journal of Shellfish Research, 2010, 29, 69-75.	0.3	11
29	Growth and survival of the scallop Lyropecten (=Nodipecten) nodosus (L. 1758) in suspended culture in the Cariaco Gulf (Venezuela) during a non-upwelling period. Aquaculture Research, 2003, 34, 709-718.	0.9	10
30	Enzymatic digestive activity and absorption efficiency in Tagelus dombeii upon Alexandrium catenella exposure. Helgoland Marine Research, 2013, 67, 653-661.	1.3	10
31	Narrow valve gaping in the invasive mussel Limnoperna securis: implications for competition with the indigenous mussel Mytilus galloprovincialis in NW Spain. Aquaculture International, 2014, 22, 1215-1227.	1.1	10
32	Variability of taurine concentrations in Mytilus galloprovincialis as a function of body size and specific tissue. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2006, 145, 94-100.	0.7	9
33	Cumulative climatic stressors strangles marine aquaculture: Ancillary effects of COVID 19 on Spanish mariculture. Aquaculture, 2022, 549, 737749.	1.7	8
34	The impact of the sea anemone Actinothoe sphyrodeta on Mytilus galloprovincialis mussel cultivation (Galicia, Spain). Biofouling, 2018, 34, 1138-1149.	0.8	7
35	A Novel Index of the Performance of Mytilus galloprovincialis to Improve Commercial Exploitation in Aquaculture. Frontiers in Marine Science, 2020, 7, .	1.2	7
36	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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37	Bioaccumulation patterns of trace elements by native (M. galloprovincialis) and invasive (X. securis) mussels in coastal systems (Vigo Ria, NW Iberian Peninsula). Marine Pollution Bulletin, 2022, 176, 113463.	2.3	4
38	Factors involved in the (near) anoxic survival time of Cerastoderma edule: associated bacteria vs. endogenous fuel. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2001, 128, 325-337.	1.3	3
39	Effects of species and sites on metal concentrations in byssal threads of two mytilids. International Journal of Environmental Analytical Chemistry, 2015, 95, 657-664.	1.8	2
40	Variability in strength of byssus attachment and index condition of subtidal mussels during the maximum growth stage. Aquaculture Research, 2021, 52, 3485-3497.	0.9	1