

Domitilia Matias

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38 papers	438 citations	10 h-index	19 g-index
39 ext. papers	513 ext. citations	2.9 avg, IF	3.07 L-index

#	Paper	IF	Citations
38	Effect of Trehalose and Sucrose in Post-thaw Quality of Sperm.. <i>Frontiers in Physiology</i> , 2021 , 12, 7497354.6	4.6	1
37	Fatty Acid Profile of Pacific Oyster, <i>Crassostrea gigas</i> , Fed Different Ratios of Dietary Seaweed and Microalgae during Broodstock Conditioning. <i>Lipids</i> , 2019 , 54, 531-542	1.6	3
36	Elemental composition and bioaccessibility of farmed oysters () fed different ratios of dietary seaweed and microalgae during broodstock conditioning. <i>Food Science and Nutrition</i> , 2019 , 7, 2495-2504 ^{3.2}	3.2	4
35	Comparative study on cellular and molecular responses in oyster sperm revealed different susceptibilities to cryopreservation. <i>Aquaculture</i> , 2019 , 498, 223-229	4.4	5
34	Combined effect of temperature and nutritional regime on the elimination of the lipophilic toxin okadaic acid in the naturally contaminated wedge shell <i>Donax trunculus</i> . <i>Chemosphere</i> , 2018 , 190, 166-173 ^{8.4}	8.4	6
33	Reproductive cycle of the European clam <i>Ruditapes decussatus</i> from Bidos Lagoon, Leiria, Portugal. <i>Invertebrate Reproduction and Development</i> , 2018 , 62, 179-190	0.7	1
32	Bycatch and discard survival rate in a small-scale bivalve dredge fishery along the Algarve coast (southern Portugal). <i>Scientia Marina</i> , 2018 , 82, 75	1.8	9
31	Viability of dietary substitution of live microalgae with dry in broodstock conditioning of the Pacific oyster (). <i>Biology Open</i> , 2018 , 7,	2.2	4
30	First study in cryopreserved <i>Crassostrea angulata</i> sperm. <i>General and Comparative Endocrinology</i> , 2017 , 245, 108-115	3	10
29	Broodstock conditioning of the Portuguese oyster (<i>Crassostrea angulata</i> , Lamarck, 1819): influence of different diets. <i>Aquaculture Research</i> , 2017 , 48, 3859-3878	1.9	11
28	Enhanced trace element concentrations in tissues of the clam <i>Ruditapes decussatus</i> transplanted to areas influenced by human activities (Ria Formosa, Portugal). <i>Scientia Marina</i> , 2017 , 81, 229	1.8	3
27	Larval hatching and development of the wedge shell (<i>Donax trunculus</i> L.) under increased CO2 in southern Portugal. <i>Regional Environmental Change</i> , 2016 , 16, 855-864	4.3	6
26	Relationships between broodstock condition, oocyte quality, and 24 h D-larval survival during the spawning season of the pullet carpet shell <i>Venerupis corrugata</i> (Gmelin, 1791). <i>Invertebrate Reproduction and Development</i> , 2016 , 60, 271-280	0.7	2
25	The effect of density in larval rearing of the pullet carpet shell <i>Venerupis corrugata</i> (Gmelin, 1791) in a recirculating aquaculture system. <i>Aquaculture Research</i> , 2016 , 47, 1055-1066	1.9	7
24	Reproductive effort of the European clam <i>Ruditapes decussatus</i> (Linnaeus, 1758): influence of different diets and temperatures. <i>Invertebrate Reproduction and Development</i> , 2016 , 60, 49-58	0.7	8
23	Changes of paralytic shellfish toxins in gills and digestive glands of the cockle <i>Cerastoderma edule</i> under post-bloom natural conditions. <i>Chemosphere</i> , 2016 , 149, 351-7	8.4	7
22	New species in aquaculture: are the striped venus clam <i>Chamelea gallina</i> (Linnaeus, 1758) and the surf clam <i>Spisula solida</i> (Linnaeus 1758) potential candidates for diversification in shellfish aquaculture?. <i>Aquaculture Research</i> , 2016 , 47, 1327-1340	1.9	8

21	Recirculation nursery systems for bivalves. <i>Aquaculture International</i> , 2016 , 24, 827-842	2.6	3
20	A microarray-based analysis of oocyte quality in the European clam <i>Ruditapes decussatus</i> . <i>Aquaculture</i> , 2015 , 446, 17-24	4.4	7
19	The influence of different microalgal diets on European clam (<i>Ruditapes decussatus</i> , Linnaeus, 1758) larvae culture performances. <i>Aquaculture Research</i> , 2015 , 46, 2527-2543	1.9	5
18	Nutrients and clam contamination by <i>Escherichia coli</i> in a meso-tidal coastal lagoon: Seasonal variation in counter cycle to external sources. <i>Marine Pollution Bulletin</i> , 2015 , 96, 188-96	6.7	1
17	A microarray-based analysis of gametogenesis in two Portuguese populations of the European clam <i>Ruditapes decussatus</i> . <i>PLoS ONE</i> , 2014 , 9, e92202	3.7	13
16	Biochemical and energy dynamics throughout the reproductive cycle of the striped venus <i>Chamelea gallina</i> (Mollusca, Bivalvia). <i>Invertebrate Reproduction and Development</i> , 2014 , 58, 284-293	0.7	7
15	Insights into molecular features of <i>Venerupis decussata</i> oocytes: a microarray-based study. <i>PLoS ONE</i> , 2014 , 9, e113925	3.7	4
14	The reproductive cycle of the European clam <i>Ruditapes decussatus</i> (L., 1758) in two Portuguese populations: Implications for management and aquaculture programs. <i>Aquaculture</i> , 2013 , 406-407, 52-61	4.4	26
13	Evidence of non-random chromosome loss in bivalves: Differential chromosomal susceptibility in aneuploid metaphases of <i>Crassostrea angulata</i> (Ostreidae) and <i>Ruditapes decussatus</i> (Veneridae). <i>Aquaculture</i> , 2012 , 344-349, 239-241	4.4	8
12	Growth variation in bivalves: New insights into growth, physiology and somatic aneuploidy in the carpet shell <i>Ruditapes decussatus</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2011 , 406, 46-53	2.1	16
11	Genetic analysis of two Portuguese populations of <i>Ruditapes decussatus</i> by RAPD profiling. <i>Helgoland Marine Research</i> , 2011 , 65, 361-367	1.8	7
10	Biochemical compounds dynamics during larval development of the carpet-shell clam <i>Ruditapes decussatus</i> (Linnaeus, 1758): effects of mono-specific diets and starvation. <i>Helgoland Marine Research</i> , 2011 , 65, 369-379	1.8	34
9	Genetic diversity of two Portuguese populations of the pullet carpet shell <i>Venerupis senegalensis</i> , based on RAPD markers: contribution to a sustainable restocking program. <i>Helgoland Marine Research</i> , 2010 , 64, 289-295	1.8	8
8	Reproductive activity and biochemical composition of the pullet carpet shell <i>Venerupis senegalensis</i> (Gmelin, 1791) (Mollusca: Bivalvia) from Ria de Aveiro (northwestern coast of Portugal). <i>Scientia Marina</i> , 2010 , 75, 217-226	1.8	16
7	Environmental impact of razor clam harvesting using salt in Ria Formosa lagoon (Southern Portugal) and subsequent recovery of associated benthic communities. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2009 , 19, 542-553	2.6	10
6	Effect of geographic origin, temperature and timing of broodstock collection on conditioning, spawning success and larval viability of <i>Ruditapes decussatus</i> (Linn[1758]). <i>Aquaculture International</i> , 2009 , 17, 257-271	2.6	42
5	Supernumerary chromosomes on Southern European populations of the cockle <i>Cerastoderma edule</i> : Consequence of environmental pollution?. <i>Estuarine, Coastal and Shelf Science</i> , 2008 , 79, 152-156	2.9	7
4	The reproductive cycle of white clam <i>Spisula solida</i> (L.) (Mollusca: Bivalvia): Implications for aquaculture and wild stock management. <i>Aquaculture</i> , 2008 , 281, 43-48	4.4	45

3	Rebuilding viable spawner patches of the overfished <i>Spisula solida</i> (Mollusca: Bivalvia): a preliminary contribution to fishery sustainability. <i>ICES Journal of Marine Science</i> , 2008 , 65, 60-64	2.7	10
2	Spawning of <i>Hexaplex (Trunculariopsis) trunculus</i> (Gastropoda: Muricidae) in the laboratory: description of spawning behaviour, egg masses, embryonic development, hatchling and juvenile growth rates. <i>Invertebrate Reproduction and Development</i> , 2004 , 46, 125-138	0.7	33
1	Oocyte and embryo quality in <i>Crassostrea gigas</i> (Portuguese strain) during a spawning period in Algarve, South Portugal. <i>Aquatic Living Resources</i> , 1999 , 12, 327-333	1.5	41