Maria Teresa Dinis

List of Publications by Year in Descending Order

58 papers	2,316 citations	28 h-index	47 g-index
59 ext. papers	2,482 ext. citations	3.5 avg, IF	4.45 L-index

#	Paper	IF	Citations
58	Understanding Fish Larvae Feeding Biology to Improve Aquaculture Feeding Protocols. *Oceans*, **2022**, 3, 94-113	1.3	0
57	Is dietary taurine supplementation beneficial for gilthead seabream (Sparus aurata) larvae?. *Aquaculture*, **2013**, 384-387, 1-5	4.4	28
56	Modelling the growth of white seabream (Diplodus sargus) and gilthead seabream (Sparus aurata) in semi-intensive earth production ponds using the Dynamic Energy Budget approach. *Journal of Sea Research*, **2013**, 76, 135-145	1.9	18
55	A coupled biogeochemical-Dynamic Energy Budget model as a tool for managing fish production ponds. *Science of the Total Environment*, **2013**, 463-464, 861-74	10.2	11
54	Influence of supplemental maslinic acid (olive-derived triterpene) on the post-mortem muscle properties and quality traits of gilthead seabream. *Aquaculture*, **2013**, 396-399, 146-155	4.4	21
53	Taurine and fish development: insights for the aquaculture industry. *Advances in Experimental Medicine and Biology*, **2013**, 776, 329-34	3.6	10
52	Circadian rhythms of embryonic development and hatching in fish: a comparative study of zebrafish (diurnal), Senegalese sole (nocturnal), and Somalian cavefish (blind). *Chronobiology International*, **2013**, 30, 889-900	3.6	18
51	Cloning, tissue and ontogenetic expression of the taurine transporter in the flatfish Senegalese sole (Solea senegalensis). *Amino Acids*, **2012**, 42, 1317-27	3.5	26
50	Parental diets determine the embryonic fatty acid profile of the tropical nudibranch Aeolidiella stephanieae: the effect of eating bleached anemones. *Marine Biology*, **2012**, 159, 1745-1751	2.5	19
49	Optimization of monoclonal production of the glass anemone Aiptasia pallida (Agassiz in Verrill, 1864). *Aquaculture*, **2012**, 354-355, 91-96	4.4	27
48	Plant proteins and vegetable oil do not have detrimental effects on post-mortem muscle instrumental texture, sensory properties and nutritional value of gilthead seabream. *Aquaculture*, **2012**, 358-359, 205-212	4.4	17
47	Modelling of biogeochemical processes in fish earth ponds: Model development and calibration. *Ecological Modelling*, **2012**, 247, 286-301	3	5
46	Dietary tools to modulate glycogen storage in gilthead seabream muscle: glycerol supplementation. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 10613-24	5.7	25
45	Feed deprivation in Senegalese sole (Solea senegalensis Kaup, 1858) juveniles: effects on blood plasma metabolites and free amino acid levels. *Fish Physiology and Biochemistry*, **2011**, 37, 495-504	2.7	61
44	Effect of harvesting stress and storage conditions on protein degradation in fillets of farmed gilthead seabream (Sparus aurata): A differential scanning calorimetry study. *Food Chemistry*, **2011**, 126, 270-276	8.5	34
43	Live feeds for early stages of fish rearing. *Aquaculture Research*, **2010**, 41, 613-640	1.9	242
42	Influence of Microalgae Supernatant, and Bacteria Isolated from Microalgae Cultures, on Microbiology, and Digestive Capacity of Larval Gilthead Seabream, Sparus aurata, and Senegalese Sole, Solea senegalensis. *Journal of the World Aquaculture Society*, **2010**, 41, 780-790	2.5	1

41	Effect of age-at-weaning on digestive capacity of white seabream (Diplodus sargus). *Aquaculture*, **2010**, 300, 194-205	4.4	19
40	Effect of harvesting stress and slaughter conditions on selected flesh quality criteria of gilthead seabream (Sparus aurata). *Aquaculture*, **2010**, 305, 66-72	4.4	37
39	Dietary taurine supplementation enhances metamorphosis and growth potential of Solea senegalensis larvae. *Aquaculture*, **2010**, 309, 159-164	4.4	70
38	Can dietary aromatic amino acid supplementation be beneficial during fish metamorphosis?. *Aquaculture*, **2010**, 310, 200-205	4.4	10
37	Providing a common diet to different marine decapods does not standardize the fatty acid profiles of their larvae: a warning sign for experimentation using invertebrate larvae produced in captivity. *Marine Biology*, **2010**, 157, 2427-2434	2.5	14
36	Changes in plasma amino acid levels in a euryhaline fish exposed to different environmental salinities. *Amino Acids*, **2010**, 38, 311-7	3.5	36
35	How does fish metamorphosis affect aromatic amino acid metabolism?. *Amino Acids*, **2009**, 36, 177-83	3.5	16
34	Benthic dynamics within a land-based semi-intensive aquaculture fish farm: the importance of settlement ponds. *Aquaculture International*, **2009**, 17, 571-587	2.6	3
33	Co-feeding in Senegalese sole larvae with inert diet from mouth opening promotes growth at weaning. *Aquaculture*, **2009**, 288, 264-272	4.4	68
32	Use of microalgae bioencapsulated in Artemia during the weaning of Senegalese sole (Solea senegalensis Kaup). *Aquaculture*, **2009**, 292, 153-157	4.4	6
31	Practical diet with low fish-derived protein is able to sustain growth performance in gilthead seabream (Sparus aurata) during the grow-out phase. *Aquaculture*, **2009**, 293, 255-262	4.4	57
30	Co-feeding of live feed and inert diet from first-feeding affects Artemia lipid digestibility and retention in Senegalese sole (Solea senegalensis) larvae. *Aquaculture*, **2009**, 296, 284-291	4.4	23
29	Co-feeding of inert diet from mouth opening does not impair protein utilization by Senegalese sole (Solea senegalensis) larvae. *Aquaculture*, **2009**, 287, 185-190	4.4	30
28	Does the presence of microalgae influence fish larvae prey capture?. *Aquaculture Research*, **2008**, 39, 362-369	1.9	37
27	Use of probiotic bacteria in the rearing of Senegalese sole (Solea senegalensis) larvae. *Aquaculture Research*, **2008**, 39, 627-634	1.9	26
26	Importance of light and larval morphology in starvation resistance and feeding ability of newly hatched marine ornamental shrimps Lysmata spp. (Decapoda: Hippolytidae). *Aquaculture*, **2008**, 283, 56-63	4.4	18
25	Technical improvements of a rearing system for the culture of decapod crustacean larvae, with emphasis on marine ornamental species. *Aquaculture*, **2008**, 285, 264-269	4.4	34
24	Multivariate cluster analysis to study motility activation of Solea senegalensis spermatozoa: a model for marine teleosts. *Reproduction*, **2008**, 135, 449-59	3.8	54

23	Parasitic castration of the stenopodid shrimp Stenopus hispidus (Decapoda: Stenopodidae) induced by the bopyrid isopod Argeiopsis inhacae (Isopoda: Bopyridae). *Journal of the Marine Biological Association of the United Kingdom*, **2008**, 88, 307-309	1.1	11
22	Collection of marine invertebrates for the aquarium trade in European waters: is anyone surveying?. *Aquatic Conservation: Marine and Freshwater Ecosystems*, **2008**, 18, 335-338	2.6	7
21	Do dietary amino acid profiles affect performance of larval gilthead seabream?. *Aquatic Living Resources*, **2007**, 20, 155-161	1.5	23
20	Improving weaning strategies for Senegalese sole: effects of body weight and digestive capacity. *Aquaculture Research*, **2007**, 38, 696-707	1.9	58
19	Growth, stress response and free amino acid levels in Senegalese sole (Solea senegalensis Kaup 1858) chronically exposed to exogenous ammonia. *Aquaculture Research*, **2007**, 38, 1198-1204	1.9	43
18	High stocking density induces crowding stress and affects amino acid metabolism in Senegalese sole Solea senegalensis (Kaup 1858) juveniles. *Aquaculture Research*, **2007**, 39, 1-9	1.9	118
17	Starvation resistance of early zoeal stages of marine ornamental shrimps Lysmata spp. (Decapoda: Hippolytidae) from different habitats. *Journal of Experimental Marine Biology and Ecology*, **2007**, 351, 226-233	2.1	32
16	Facultative secondary lecithotrophy in the megalopa of the shrimp Lysmata seticaudata (Risso, 1816) (Decapoda: Hippolytidae) under laboratory conditions. *Journal of Plankton Research*, **2007**, 29, 599-603	2.2	5
15	The influence of white seabream (Diplodus sargus) production on macrobenthic colonization patterns. *Acta Oecologica*, **2007**, 31, 307-315	1.7	3
14	A recirculated maturation system for marine ornamental decapods. *Aquaculture*, **2007**, 263, 68-74	4.4	35
13	Nutritional physiology during development of Senegalese sole (Solea senegalensis). *Aquaculture*, **2007**, 268, 64-81	4.4	71
12	Minimization of precocious sexual phase change during culture of juvenile ornamental shrimps Lysmata seticaudata (Decapoda: Hippolytidae). *Aquaculture*, **2007**, 269, 299-305	4.4	13
11	Food intake and absorption are affected by dietary lipid level and lipid source in seabream (Sparus aurata L.) larvae. *Journal of Experimental Marine Biology and Ecology*, **2006**, 331, 51-63	2.1	37
10	Microbial conditions and antimicrobial activity in cultures of two microalgae species, Tetraselmis chuii and Chlorella minutissima, and effect on bacterial load of enriched Artemia metanauplii. *Aquaculture*, **2006**, 255, 76-81	4.4	45
9	Dietary protein/lipid ratio affects growth and amino acid and fatty acid absorption and metabolism in Senegalese sole (Solea senegalensis Kaup 1858) larvae. *Aquaculture*, **2005**, 246, 347-357	4.4	39
8	Dietary protein:lipid ratio and lipid nature affects fatty acid absorption and metabolism in a teleost larva. *British Journal of Nutrition*, **2005**, 93, 813-20	3.6	55
7	Antimicrobial activity in bacteria isolated from Senegalese sole, Solea senegalensis, fed with natural prey. *Aquaculture Research*, **2005**, 36, 1619-1627	1.9	22
6	A balanced dietary amino acid profile improves amino acid retention in post-larval Senegalese sole (Solea senegalensis). *Aquaculture*, **2004**, 233, 293-304	4.4	97

5	A method for radiolabeling Artemia with applications in studies of food intake, digestibility, protein and amino acid metabolism in larval fish. *Aquaculture*, **2004**, 231, 469-487	4.4	39
4	Amino acid pools of rotifers and Artemia under different conditions: nutritional implications for fish larvae. *Aquaculture*, **2004**, 234, 429-445	4.4	110
3	Soy protein concentrate as a protein source for Senegalese sole (Solea senegalensis Kaup 1858) diets: effects on growth and amino acid metabolism of postlarvae. *Aquaculture Research*, **2003**, 34, 1443-1452	1.9	53
2	A review on the cultivation potential of Solea senegalensis in Spain and in Portugal. *Aquaculture*, **1999**, 176, 27-38	4.4	238
1	Whole clam culture as a quantitative diagnostic procedure of Perkinsus atlanticus (Apicomplexa, Perkinsea) in clams Ruditapes decussatus. *Aquaculture*, **1999**, 177, 325-332	4.4	40