# Maria Teresa Dinis

## List of Publications by Citations



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| 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 | Live feeds for early stages of fish rearing. *Aquaculture Research*, **2010**, 41, 613-640 | 1.9 | 242 |
| 57 | A review on the cultivation potential of Solea senegalensis in Spain and in Portugal. *Aquaculture*, **1999**, 176, 27-38 | 4.4 | 238 |
| 56 | 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 |
| 55 | Amino acid pools of rotifers and Artemia under different conditions: nutritional implications for fish larvae. *Aquaculture*, **2004**, 234, 429-445 | 4.4 | 110 |
| 54 | 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 |
| 53 | Nutritional physiology during development of Senegalese sole (Solea senegalensis). *Aquaculture*, **2007**, 268, 64-81 | 4.4 | 71 |
| 52 | Dietary taurine supplementation enhances metamorphosis and growth potential of Solea senegalensis larvae. *Aquaculture*, **2010**, 309, 159-164 | 4.4 | 70 |
| 51 | Co-feeding in Senegalese sole larvae with inert diet from mouth opening promotes growth at weaning. *Aquaculture*, **2009**, 288, 264-272 | 4.4 | 68 |
| 50 | 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 |
| 49 | Improving weaning strategies for Senegalese sole: effects of body weight and digestive capacity. *Aquaculture Research*, **2007**, 38, 696-707 | 1.9 | 58 |
| 48 | 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 |
| 47 | 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 |
| 46 | Multivariate cluster analysis to study motility activation of Solea senegalensis spermatozoa: a model for marine teleosts. *Reproduction*, **2008**, 135, 449-59 | 3.8 | 54 |
| 45 | 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 |
| 44 | 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 |
| 43 | 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 |
| 42 | 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 |

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| 41 | 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 |
| 40 | 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 |
| 39 | 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 |
| 38 | Does the presence of microalgae influence fish larvae prey capture?. *Aquaculture Research*, **2008**, 39, 362-369 | 1.9 | 37 |
| 37 | 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 |
| 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 | A recirculated maturation system for marine ornamental decapods. *Aquaculture*, **2007**, 263, 68-74 | 4.4 | 35 |
| 34 | 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 |
| 33 | 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 |
| 32 | 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 |
| 31 | 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 |
| 30 | Is dietary taurine supplementation beneficial for gilthead seabream (Sparus aurata) larvae?. *Aquaculture*, **2013**, 384-387, 1-5 | 4.4 | 28 |
| 29 | Optimization of monoclonal production of the glass anemone Aiptasia pallida (Agassiz in Verrill, 1864). *Aquaculture*, **2012**, 354-355, 91-96 | 4.4 | 27 |
| 28 | 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 |
| 27 | Use of probiotic bacteria in the rearing of Senegalese sole (Solea senegalensis) larvae. *Aquaculture Research*, **2008**, 39, 627-634 | 1.9 | 26 |
| 26 | 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 |
| 25 | 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 |
| 24 | Do dietary amino acid profiles affect performance of larval gilthead seabream?. *Aquatic Living Resources*, **2007**, 20, 155-161 | 1.5 | 23 |

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| 23 | Antimicrobial activity in bacteria isolated from Senegalese sole, Solea senegalensis, fed with natural prey. *Aquaculture Research*, **2005**, 36, 1619-1627 | 1.9 | 22 |
| 22 | 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 |
| 21 | 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 |
| 20 | Effect of age-at-weaning on digestive capacity of white seabream (Diplodus sargus). *Aquaculture*, **2010**, 300, 194-205 | 4.4 | 19 |
| 19 | 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 |
| 18 | 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 |
| 17 | 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 |
| 16 | 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 |
| 15 | How does fish metamorphosis affect aromatic amino acid metabolism?. *Amino Acids*, **2009**, 36, 177-83 | 3.5 | 16 |
| 14 | 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 |
| 13 | Minimization of precocious sexual phase change during culture of juvenile ornamental shrimps Lysmata seticaudata (Decapoda: Hippolytidae). *Aquaculture*, **2007**, 269, 299-305 | 4.4 | 13 |
| 12 | 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 |
| 11 | 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 |
| 10 | Taurine and fish development: insights for the aquaculture industry. *Advances in Experimental Medicine and Biology*, **2013**, 776, 329-34 | 3.6 | 10 |
| 9 | Can dietary aromatic amino acid supplementation be beneficial during fish metamorphosis?. *Aquaculture*, **2010**, 310, 200-205 | 4.4 | 10 |
| 8 | 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 |
| 7 | Use of microalgae bioencapsulated in Artemia during the weaning of Senegalese sole (Solea senegalensis Kaup). *Aquaculture*, **2009**, 292, 153-157 | 4.4 | 6 |
| 6 | Modelling of biogeochemical processes in fish earth ponds: Model development and calibration. *Ecological Modelling*, **2012**, 247, 286-301 | 3 | 5 |

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| 5 | 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 |
| 4 | 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 |
| 3 | The influence of white seabream (Diplodus sargus) production on macrobenthic colonization patterns. *Acta Oecologica*, **2007**, 31, 307-315 | 1.7 | 3 |
| 2 | 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 |
| 1 | Understanding Fish Larvae Feeding Biology to Improve Aquaculture Feeding Protocols. *Oceans*, **2022**, 3, 94-113 | 1.3 | 0 |