# Manuel YÃºfera

List of Publications by Year
in descending order



| 64 | 2,698 | 218592 | 189801 |
|---|---|---|---|
| papers | citations | 26 h-index | 50 g-index |

| 66 | 66 | 66 | 2463 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Feeding behaviour and digestive physiology in larval fish: current knowledge, and gaps and bottlenecks in research. Reviews in Aquaculture, 2013, 5, S59. | 4.6 | 325 |
| 2 | Live feeds for early stages of fish rearing. Aquaculture Research, 2010, 41, 613-640. | 0.9 | 317 |
| 3 | Fish larval nutrition and feed formulation: knowledge gaps and bottlenecks for advances in larval rearing. Reviews in Aquaculture, 2013, 5, S26. | 4.6 | 311 |
| 4 | Fantastically plastic: fish larvae equipped for a new world. Reviews in Aquaculture, 2013, 5, S224. | 4.6 | 106 |
| 5 | New developments and biological insights into the farming of Solea senegalensis reinforcing its aquaculture potential. Reviews in Aquaculture, 2016, 8, 227-263. | 4.6 | 86 |
| 6 | The thyroid gland and thyroid hormones in Senegalese sole (Solea senegalensis) during early development and metamorphosis. General and Comparative Endocrinology, 2008, 155, 686-694. | 0.8 | 77 |
| 7 | Teleost fish larvae adapt to dietary arachidonic acid supply through modulation of the expression of lipid metabolism and stress response genes. British Journal of Nutrition, 2012, 108, 864-874. | 1.2 | 74 |
| 8 | Dietary taurine supplementation enhances metamorphosis and growth potential of Solea senegalensis larvae. Aquaculture, 2010, 309, 159-164. | 1.7 | 71 |
| 9 | Acidic Digestion in a Teleost: Postprandial and Circadian Pattern of Gastric pH, Pepsin Activity, and Pepsinogen and Proton Pump mRNAs Expression. PLoS ONE, 2012, 7, e33687. | 1.1 | 71 |
| 10 | Genomic resources for a commercial flatfish, the Senegalese sole (Solea senegalensis): EST sequencing, oligo microarray design, and development of the bioinformatic platform Soleamold. BMC Genomics, 2008, 9, 508. | 1.2 | 70 |
| 11 | Chronic and acute stress responses in Senegalese sole (Solea senegalensis): The involvement of cortisol, CRH and CRH-BP. General and Comparative Endocrinology, 2011, 171, 203-210. | 0.8 | 60 |
| 12 | Feed transit and apparent protein, phosphorus and energy digestibility of practical feed ingredients by Senegalese sole (Solea senegalensis). Aquaculture, 2010, 302, 94-99. | 1.7 | 52 |
| 13 | Daily rhythms of clock gene expression and feeding behavior during the larval development in gilthead seabream,Sparus aurata. Chronobiology International, 2015, 32, 1061-1074. | 0.9 | 47 |
| 14 | Soybean Meal and Soy Protein Concentrate in Early Diet Elicit Different Nutritional Programming Effects on Juvenile Zebrafish. Zebrafish, 2016, 13, 61-69. | 0.5 | 47 |
| 15 | Effects of dietary arachidonic acid on cortisol production and gene expression in stress response in Senegalese sole (Solea senegalensis) post-larvae. Fish Physiology and Biochemistry, 2013, 39, 1223-1238. | 0.9 | 43 |
| 16 | Daily rhythms of digestive enzyme activity and gene expression in gilthead seabream (Sparus aurata) during ontogeny. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2016, 197, 43-51. | 0.8 | 40 |
| 17 | Ontogeny of pepsinogen and gastric proton pump expression in red porgy (Pagrus pagrus): Determination of stomach functionality. Aquaculture, 2007, 270, 369-378. | 1.7 | 39 |
| 18 | Effect of feeding time and frequency on gut transit and feed digestibility in two fish species with different feeding behaviours, gilthead seabream and Senegalese sole. Aquaculture, 2019, 513, 734438. | 1.7 | 39 |

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|---|---|---|---|
| 19 | Transcriptomic Characterization of the Larval Stage in Gilthead Seabream (Sparus aurata) by 454 Pyrosequencing. Marine Biotechnology, 2012, 14, 423-435. | 1.1 | 37 |
| 20 | Diel food intake and digestive enzyme production patterns in Solea senegalensis larvae. Aquaculture, 2015, 435, 33-42. | 1.7 | 34 |
| 21 | Different early weaning protocols in common sole (Solea solea L.) larvae: Implications on the performances and molecular ontogeny of digestive enzyme precursors. Aquaculture, 2013, 414-415, 26-35. | 1.7 | 31 |
| 22 | Effects of soybean meal on digestive enzymes activity, expression of inflammation-related genes, and chromatin modifications in marine fish (Sparus aurata L.) larvae. Fish Physiology and Biochemistry, 2017, 43, 563-578. | 0.9 | 31 |
| 23 | Effects of calcium carbonate inclusion in low fishmeal diets on growth, gastrointestinal pH, digestive enzyme activity and gut bacterial community of European sea bass (Dicentrarchus labrax L.) juveniles. Aquaculture, 2019, 510, 283-292. | 1.7 | 31 |
| 24 | Respiration rates in late eggs and early hatchlings of the common octopus, Octopus vulgaris. Journal of the Marine Biological Association of the United Kingdom, 2000, 80, 557-558. | 0.4 | 28 |
| 25 | A balanced amino acid diet improvesDiplodus sarguslarval quality and reduces nitrogen excretion. Aquaculture Nutrition, 2009, 15, 517-524. | 1.1 | 28 |
| 26 | Effects of different feeding frequencies on growth, feed utilisation, digestive enzyme activities and plasma biochemistry of gilthead sea bream (Sparus aurata) fed with different fishmeal and fish oil dietary levels. Aquaculture, 2020, 529, 735616. | 1.7 | 28 |
| 27 | Do dietary amino acid profiles affect performance of larval gilthead seabream?. Aquatic Living Resources, 2007, 20, 155-161. | 0.5 | 27 |
| 28 | The spatiotemporal expression pattern of trypsinogen and bile salt-activated lipase during the larval development of red porgy (Pagrus pagrus, Pisces, Sparidae). Marine Biology, 2007, 152, 109-118. | 0.7 | 27 |
| 29 | Unraveling the Tissue-Specific Gene Signatures of Gilthead Sea Bream (Sparus aurata L.) after Hyper- and Hypo-Osmotic Challenges. PLoS ONE, 2016, 11, e0148113. | 1.1 | 27 |
| 30 | Cloning and molecular ontogeny of digestive enzymes in fed and food-deprived developing gilthead seabream (Sparus aurata) larvae. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2016, 191, 53-65. | 0.7 | 26 |
| 31 | Impact of deoxynivalenol on rainbow trout: Growth performance, digestibility, key gene expression regulation and metabolism. Aquaculture, 2018, 490, 362-372. | 1.7 | 24 |
| 32 | The role of dietary methionine concentrations on growth, metabolism and N-retention in cobia (Rachycentron canadum) at elevated water temperatures. Aquaculture Nutrition, 2019, 25, 495-507. | 1.1 | 24 |
| 33 | Effect of feeding frequency on the daily rhythms of acidic digestion in a teleost fish (gilthead) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf | 0.9 | 23 |
| 34 | The Digestive Function in Developing Fish Larvae and Fry. From Molecular Gene Expression to Enzymatic Activity. , 2018, , 51-86. | | 23 |
| 35 | Supplementation of tryptophan and lysine inDiplodus sarguslarval diet: effects on growth and skeletal deformities. Aquaculture Research, 2009, 40, 1191-1201. | 0.9 | 21 |
| 36 | Impact of dietary protein hydrolysates on skeleton quality and proteome in Diplodus sargus larvae. Journal of Applied Ichthyology, 2012, 28, 477-487. | 0.3 | 21 |

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|---|---|---|---|
| 37 | The digestive function of gilthead seabream juveniles in relation to feeding frequency. Aquaculture, 2021, 531, 735867. | 1.7 | 21 |
| 38 | Involvement of cholecystokinin (CCK) in the daily pattern of gastrointestinal regulation of Senegalese sole (Solea senegalensis) larvae reared under different feeding regimes. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2017, 203, 126-132. | 0.8 | 20 |
| 39 | Modelling digestive hydrolysis of nutrients in fish using factorial designs and desirability function. PLoS ONE, 2018, 13, e0206556. | 1.1 | 20 |
| 40 | Food deprivation induces chronic stress and affects thyroid hormone metabolism in Senegalese sole (Solea senegalensis) post-larvae. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 162, 317-322. | 0.8 | 19 |
| 41 | Tyrosine and phenylalanine supplementation onDiplodus sarguslarvae: effect on growth and quality. Aquaculture Research, 2010, 41, 1523. | 0.9 | 17 |
| 42 | Cortisol response to air exposure in Solea senegalensis post-larvae is affected by dietary arachidonic acid-to-eicosapentaenoic acid ratio. Fish Physiology and Biochemistry, 2011, 37, 733-743. | 0.9 | 17 |
| 43 | Different dietary protein levels affect meagre ( Argyrosomus regius ) larval survival and muscle cellularity. Aquaculture, 2016, 450, 89-94. | 1.7 | 17 |
| 44 | Factors Affecting Swimming Speed in the Rotifer Brachionus plicatilis. Hydrobiologia, 2005, 546, 375-380. | 1.0 | 16 |
| 45 | Evaluation of changes in nutrient composition during production of cross-linked protein microencapsulated diets for marine fish larvae and suspension feeders. Aquaculture, 2008, 285, 159-166. | 1.7 | 16 |
| 46 | Interaction Between Dietary Lipid Level and Seasonal Temperature Changes in Gilthead Sea Bream Sparus aurata: Effects on Growth, Fat Deposition, Plasma Biochemistry, Digestive Enzyme Activity, and Gut Bacterial Community. Frontiers in Marine Science, 2021, 8, . | 1.2 | 16 |
| 47 | Ontogeny of Expression and Activity of Digestive Enzymes and Establishment of gh/igf1 Axis in the Omnivorous Fish Chelon labrosus. Animals, 2020, 10, 874. | 1.0 | 14 |
| 48 | Vitellogenin expression in wild cyprinid Petroleuciscus esfahani as a biomarker of endocrine disruption along the Zayandeh Roud River, Iran. Chemosphere, 2016, 144, 1342-1350. | 4.2 | 13 |
| 49 | Ghrelin in Senegalese sole (Solea senegalensis) post-larvae: Paracrine effects on food intake. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2017, 204, 85-92. | 0.8 | 11 |
| 50 | Fast growing greater amberjack post-larvae require a high energy-high protein weaning diet. Aquaculture, 2019, 499, 195-202. | 1.7 | 10 |
| 51 | Crescimento e estruturas do sistema digestÃ³rio de larvas de pacu alimentadas com dieta microencapsulada produzida experimentalmente. Revista Brasileira De Zootecnia, 2012, 41, 1-10. | 0.3 | 10 |
| 52 | Population dynamics of rotifers (Brachionus plicatilis and Brachionus rotundiformis) in semicontinuous culture fed freeze-dried microalgae: influence of dilution rate. Aquaculture, 1998, 166, 297-309. | 1.7 | 9 |
| 53 | Dietary Lecithin Source Affects Growth Potential and Gene Expression in Sparus aurata Larvae. Lipids, 2010, 45, 1011-1023. | 0.7 | 9 |
| 54 | Title is missing!. Hydrobiologia, 2001, 452, 69-77. | 1.0 | 8 |

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|---|---|---|---|
| 55 | Daily feeding and protein metabolism rhythms in Senegalese sole post-larvae. Biology Open, 2017, 6, 77-82. | 0.6 | 8 |
| 56 | Daily dynamic of digestive processes in Senegalese sole (Solea senegalensis) larvae and post-larvae. Aquaculture, 2018, 493, 100-106. | 1.7 | 7 |
| 57 | Ontogeny and functional histochemistry of the digestive and visual systems and other organs during the larval development of the thick-lipped grey mullet, <em>Chelon labrosus</em>. Scientia Marina, 2014, 78, 473-491. | 0.3 | 7 |
| 58 | Development of a novel casein-protamine based microparticles for early feeding of fish larvae:In vitroevaluation. Journal of Microencapsulation, 2007, 24, 505-514. | 1.2 | 6 |
| 59 | Daily nutrient utilization and swimming activity patterns in Senegalese sole (Solea senegalensis) post-larvae. Aquaculture, 2018, 492, 164-169. | 1.7 | 5 |
| 60 | Molecular basis of the digestive functionality in developing Persian sturgeon (Acipenser persicus) larvae: additional clues for its phylogenetic status. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2019, 189, 367-383. | 0.7 | 5 |
| 61 | Daily rhythms of intestinal cholecystokinin and pancreatic proteases activity in Senegalese sole juveniles with diurnal and nocturnal feeding. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2021, 253, 110868. | 0.8 | 5 |
| 62 | Molecular endocrine changes of Gh/Igf1 axis in gilthead sea bream (Sparus aurata L.) exposed to different environmental salinities during larvae to post-larvae stages. Fish Physiology and Biochemistry, 2016, 42, 1177-1186. | 0.9 | 4 |
| 63 | Feeding Protocol Modulates the Digestive Process in Senegalese Sole (Solea senegalensis) Juveniles. Frontiers in Marine Science, 2021, 8, . | 1.2 | 4 |
| 64 | Daily rhythms in endocrine factors of the somatotropic axis and their receptors in gilthead sea bream (Sparus aurata) larvae. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2020, 250, 110793. | 0.8 | 2 |