

# Josep Calduch-giner

## List of Publications by Year in descending order

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100  
papers

4,177  
citations

65775

41  
h-index

129810

58  
g-index

107  
all docs

107  
docs citations

107  
times ranked

3282  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | The Expansion of Sirtuin Gene Family in Gilthead Sea Bream ( <i>Sparus aurata</i> )—Phylogenetic, Syntenic, and Functional Insights across the Vertebrate/Fish Lineage. <i>International Journal of Molecular Sciences</i> , 2024, 25, 6273.                                | 4.2 | 0         |
| 2  | Differential Reshaping of Skin and Intestinal Microbiota by Stocking Density and Oxygen Availability in Farmed Gilthead Sea Bream ( <i>Sparus aurata</i> ): A Behavioral and Network-Based Integrative Approach. <i>Microorganisms</i> , 2024, 12, 1360.                    | 3.6 | 0         |
| 3  | Sustainable Fish Meal-Free Diets for Gilthead Sea Bream ( <i>Sparus aurata</i> ): Integrated Biomarker Response to Assess the Effects on Growth Performance, Lipid Metabolism, Antioxidant Defense and Immunological Status. <i>Animals</i> , 2024, 14, 2166.               | 2.3 | 0         |
| 4  | Exploring Multifunctional Markers of Biological Age in Farmed Gilthead Sea Bream ( <i>Sparus aurata</i> ): A Transcriptomic and Epigenetic Interplay for an Improved Fish Welfare Assessment Approach. <i>International Journal of Molecular Sciences</i> , 2024, 25, 9836. | 4.2 | 0         |
| 5  | Client Applications and Server-Side Docker for Management of RNASeq and/or VariantSeq Workflows and Pipelines of the GPRO Suite. <i>Genes</i> , 2023, 14, 267.  | 2.4 | 0         |
| 6  | Revising the Impact and Prospects of Activity and Ventilation Rate Bio-Loggers for Tracking Welfare and Fish-Environment Interactions in Salmonids and Mediterranean Farmed Fish. <i>Frontiers in Marine Science</i> , 2022, 9, .   | 2.5 | 8         |
| 7  | Diet and Host Genetics Drive the Bacterial and Fungal Intestinal Metatranscriptome of Gilthead Sea Bream. <i>Frontiers in Microbiology</i> , 2022, 13, .  | 3.5 | 14        |
| 8  | Genetics and Nutrition Drive the Gut Microbiota Succession and Host-Transcriptome Interactions through the Gilthead Sea Bream ( <i>Sparus aurata</i> ) Production Cycle. <i>Biology</i> , 2022, 11, 1744.   | 2.9 | 11        |
| 9  | Effects of genetics and early-life mild hypoxia on size variation in farmed gilthead sea bream ( <i>Sparus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5   | 2.2 | 9         |
| 10 | The Effects of Nisin-Producing <i>Lactococcus lactis</i> Strain Used as Probiotic on Gilthead Sea Bream ( <i>Sparus aurata</i> ) Growth, Gut Microbiota, and Transcriptional Response. <i>Frontiers in Marine Science</i> , 2021, 8, .                                      | 2.5 | 24        |
| 11 | Dietary Histidine, Threonine, or Taurine Supplementation Affects Gilthead Seabream ( <i>Sparus aurata</i> ) Immune Status. <i>Animals</i> , 2021, 11, 1193.   | 2.3 | 6         |
| 12 | The Use of Defatted <i>Tenebrio molitor</i> Larvae Meal as a Main Protein Source Is Supported in European Sea Bass ( <i>Dicentrarchus labrax</i> ) by Data on Growth Performance, Lipid Metabolism, and Flesh Quality. <i>Frontiers in Physiology</i> , 2021, 12, 659567.   | 2.8 | 34        |
| 13 | Targeting the Mild-Hypoxia Driving Force for Metabolic and Muscle Transcriptional Reprogramming of Gilthead Sea Bream ( <i>Sparus aurata</i> ) Juveniles. <i>Biology</i> , 2021, 10, 416.   | 2.9 | 11        |
| 14 | Reshaping of Gut Microbiota in Gilthead Sea Bream Fed Microbial and Processed Animal Proteins as the Main Dietary Protein Source. <i>Frontiers in Marine Science</i> , 2021, 8, .   | 2.5 | 19        |
| 15 | Physiological trade-offs associated with fasting weight loss, resistance to exercise and behavioral traits in farmed gilthead sea bream ( <i>Sparus aurata</i> ) selected by growth. <i>Aquaculture Reports</i> , 2021, 20, 100645.   | 1.7 | 9         |
| 16 | Diet and Exercise Modulate GH-IGFs Axis, Proteolytic Markers and Myogenic Regulatory Factors in Juveniles of Gilthead Sea Bream ( <i>Sparus aurata</i> ). <i>Animals</i> , 2021, 11, 2182.  | 2.3 | 9         |
| 17 | A Novel Miniaturized Biosensor for Monitoring Atlantic Salmon Swimming Activity and Respiratory Frequency. <i>Animals</i> , 2021, 11, 2403.   | 2.3 | 8         |
| 18 | Cross-Talk Between Intestinal Microbiota and Host Gene Expression in Gilthead Sea Bream ( <i>Sparus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 in Physiology, 2021, 12, 748265.  | 2.8 | 29        |

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|----|--|-----|-----------|
| 19 | Modulation of Gilthead Sea Bream Gut Microbiota by a Bioactive Egg White Hydrolysate: Interactions Between Bacteria and Host Lipid Metabolism. <i>Frontiers in Marine Science</i> , 2021, 8, .   | 2.5 | 9         |
| 20 | From operculum and body tail movements to different coupling of physical activity and respiratory frequency in farmed gilthead sea bream and European sea bass. <i>Insights on aquaculture biosensing. Computers and Electronics in Agriculture</i> , 2020, 175, 105531. | 7.8 | 15        |
| 21 | Local DNA methylation helps to regulate muscle sirtuin 1 gene expression across seasons and advancing age in gilthead sea bream ( <i>Sparus aurata</i> ). <i>Frontiers in Zoology</i> , 2020, 17, 15.  | 2.1 | 11        |
| 22 | Tissue-Specific Orchestration of Gilthead Sea Bream Resilience to Hypoxia and High Stocking Density. <i>Frontiers in Physiology</i> , 2019, 10, 840.   | 2.8 | 49        |
| 23 | Disruption of gut integrity and permeability contributes to enteritis in a fish-parasite model: a story told from serum metabolomics. <i>Parasites and Vectors</i> , 2019, 12, 486.  | 2.6 | 26        |
| 24 | Protective effects of seaweed supplemented diet on antioxidant and immune responses in European seabass ( <i>Dicentrarchus labrax</i> ) subjected to bacterial infection. <i>Scientific Reports</i> , 2019, 9, 16134.  | 3.4 | 36        |
| 25 | Effects of diisononyl phthalate (DiNP) on the endocannabinoid and reproductive systems of male gilthead sea bream ( <i>Sparus aurata</i> ) during the spawning season. <i>Archives of Toxicology</i> , 2019, 93, 727-741.  | 4.3 | 20        |
| 26 | Effects of Dietary Bisphenol A on the Reproductive Function of Gilthead Sea Bream ( <i>Sparus aurata</i> ) Testes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5003.  | 4.2 | 15        |
| 27 | Ultra-Low Power Sensor Devices for Monitoring Physical Activity and Respiratory Frequency in Farmed Fish. <i>Frontiers in Physiology</i> , 2019, 10, 667.  | 2.8 | 33        |
| 28 | Selection for growth is associated in gilthead sea bream ( <i>Sparus aurata</i> ) with diet flexibility, changes in growth patterns and higher intestine plasticity. <i>Aquaculture</i> , 2019, 507, 349-360.  | 3.5 | 29        |
| 29 | A long-term growth hormone treatment stimulates growth and lipolysis in gilthead sea bream juveniles. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2019, 232, 67-78.  | 1.8 | 18        |
| 30 | Genome Sequencing and Transcriptome Analysis Reveal Recent Species-Specific Gene Duplications in the Plastic Gilthead Sea Bream ( <i>Sparus aurata</i> ). <i>Frontiers in Marine Science</i> , 2019, 6, .  | 2.5 | 31        |
| 31 | Sex, Age, and Bacteria: How the Intestinal Microbiota Is Modulated in a Protandrous Hermaphrodite Fish. <i>Frontiers in Microbiology</i> , 2019, 10, 2512.   | 3.5 | 59        |
| 32 | Contributions of MS metabolomics to gilthead sea bream ( <i>Sparus aurata</i> ) nutrition. Serum fingerprinting of fish fed low fish meal and fish oil diets. <i>Aquaculture</i> , 2019, 498, 503-512.   | 3.5 | 51        |
| 33 | Impact of low fish meal and fish oil diets on the performance, sex steroid profile and male-female sex reversal of gilthead sea bream ( <i>Sparus aurata</i> ) over a three-year production cycle. <i>Aquaculture</i> , 2018, 490, 64-74.                                | 3.5 | 69        |
| 34 | Somatotropic Axis Regulation Unravels the Differential Effects of Nutritional and Environmental Factors in Growth Performance of Marine Farmed Fishes. <i>Frontiers in Endocrinology</i> , 2018, 9, 687.   | 3.5 | 64        |
| 35 | Mass drug administration and the sustainable control of schistosomiasis: an evaluation of treatment compliance in the rural Philippines. <i>Parasites and Vectors</i> , 2018, 11, 441.   | 2.6 | 35        |
| 36 | Gene expression analysis of Atlantic salmon gills reveals mucin 5 and interleukin 4/13 as key molecules during amoebic gill disease. <i>Scientific Reports</i> , 2018, 8, 13689.   | 3.4 | 56        |

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|----|--|------|-----------|
| 37 | Comprehensive overview of feed-to-fillet transfer of new and traditional contaminants in Atlantic salmon and gilthead sea bream fed plant-based diets. <i>Aquaculture Nutrition</i> , 2018, 24, 1782-1795.                               | 2.7  | 18        |
| 38 | Co-expression Analysis of Sirtuins and Related Metabolic Biomarkers in Juveniles of Gilthead Sea Bream ( <i>Sparus aurata</i> ) With Differences in Growth Performance. <i>Frontiers in Physiology</i> , 2018, 9, 608.                   | 2.8  | 51        |
| 39 | Hints on T cell responses in a fish-parasite model: <i>Enteromyxum leei</i> induces differential expression of T cell signature molecules depending on the organ and the infection status. <i>Parasites and Vectors</i> , 2018, 11, 443. | 2.6  | 48        |
| 40 | Induction of sustained remission in early inflammatory arthritis with the combination of infliximab plus methotrexate: the DINORA trial. <i>Arthritis Research and Therapy</i> , 2018, 20, 174.  | 3.6  | 19        |
| 41 | Dietary sodium heptanoate helps to improve feed efficiency, growth hormone status and swimming performance in gilthead sea bream ( <i>Sparus aurata</i> ). <i>Aquaculture Nutrition</i> , 2018, 24, 1638-1651.                           | 2.7  | 27        |
| 42 | Endocrine disruptors in the diet of male <i>Sparus aurata</i> : Modulation of the endocannabinoid system at the hepatic and central level by Di-isononyl phthalate and Bisphenol A. <i>Environment International</i> , 2018, 119, 54-65. | 10.0 | 39        |
| 43 | Olive oil bioactive compounds increase body weight, and improve gut health and integrity in gilthead sea bream ( <i>Sparus aurata</i> ). <i>British Journal of Nutrition</i> , 2017, 117, 351-363.                                       | 2.6  | 49        |
| 44 | Dietary supplementation of heat-treated <i>Gracilaria</i> and <i>Ulva</i> seaweeds enhanced acute hypoxia tolerance in gilthead seabream ( <i>Sparus aurata</i> ). <i>Biology Open</i> , 2017, 6, 897-908.                               | 1.2  | 82        |
| 45 | Tissue-specific gene expression and fasting regulation of sirtuin family in gilthead sea bream ( <i>Sparus aurata</i> ). <i>Journal of Experimental Biology</i> , 2017, 187, 153-163.  | 1.5  | 42        |
| 46 | Skin Mucus of Gilthead Sea Bream ( <i>Sparus aurata</i> L.). Protein Mapping and Regulation in Chronically Stressed Fish. <i>Frontiers in Physiology</i> , 2017, 8, 34.  | 2.8  | 71        |
| 47 | Increased Apoptosis in the Paraventricular Nucleus Mediated by AT1R/Ras/ERK1/2 Signaling Results in Sympathetic Hyperactivity and Renovascular Hypertension in Rats after Kidney Injury. <i>Frontiers in Physiology</i> , 2017, 8, 41.   | 2.8  | 24        |
| 48 | Under control: how a dietary additive can restore the gut microbiome and proteomic profile, and improve disease resilience in a marine teleostean fish fed vegetable diets. <i>Microbiome</i> , 2017, 5, 164.                            | 11.5 | 196       |
| 49 | Untargeted metabolomics approach for unraveling robust biomarkers of nutritional status in fasted gilthead sea bream ( <i>Sparus aurata</i> ). <i>PeerJ</i> , 2017, 5, e2920.  | 2.0  | 28        |
| 50 | Sodium salt medium-chain fatty acids and <i>Bacillus</i> -based probiotic strategies to improve growth and intestinal health of gilthead sea bream ( <i>Sparus aurata</i> ). <i>PeerJ</i> , 2017, 5, e4001.                              | 2.0  | 56        |
| 51 | Differential Modulation of IgT and IgM upon Parasitic, Bacterial, Viral, and Dietary Challenges in a Perciform Fish. <i>Frontiers in Immunology</i> , 2016, 7, 637.  | 4.8  | 112       |
| 52 | Dietary Butyrate Helps to Restore the Intestinal Status of a Marine Teleost ( <i>Sparus aurata</i> ) Fed Extreme Diets Low in Fish Meal and Fish Oil. <i>PLoS ONE</i> , 2016, 11, e0166564.  | 2.5  | 153       |
| 53 | Gene Expression Profiling Reveals Functional Specialization along the Intestinal Tract of a Carnivorous Teleostean Fish ( <i>Dicentrarchus labrax</i> ). <i>Frontiers in Physiology</i> , 2016, 7, 359.                                  | 2.8  | 44        |
| 54 | Effects of sustained exercise on GH-IGFs axis in gilthead sea bream ( <i>Sparus aurata</i> ). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R313-R322.                          | 1.8  | 33        |

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|----|---|-----|-----------|
| 55 | Lasting effects of butyrate and low FM/FO diets on growth performance, blood haematology/biochemistry and molecular growth-related markers in gilthead sea bream ( <i>Sparus</i> ) Tj ETQq1 1 0.784314 rgBT /0xverlock  | 3.7 | 114       |
| 56 | Unraveling the Tissue-Specific Gene Signatures of Gilthead Sea Bream ( <i>Sparus aurata</i> L.) after Hyper- and Hypo-Osmotic Challenges. PLoS ONE, 2016, 11, e0148113.   | 2.5 | 27        |
| 57 | Effects of dietary NEXT ENHANCE <sup>®</sup> 150 on growth performance and expression of immune and intestinal integrity related genes in gilthead sea bream ( <i>Sparus aurata</i> L.). Fish and Shellfish Immunology, 2015, 44, 117-128.  | 3.7 | 68        |
| 58 | Tissue-specific gene expression and functional regulation of uncoupling protein 2 (UCP2) by hypoxia and nutrient availability in gilthead sea bream ( <i>Sparus aurata</i> ): implications on the physiological significance of UCP1 <sup>Δ</sup> 3 variants. Fish Physiology and Biochemistry, 2014, 40, 751-762.                            | 2.2 | 33        |
| 59 | Interleukin gene expression is strongly modulated at the local level in a fish <sup>Δ</sup> parasite model. Fish and Shellfish Immunology, 2014, 37, 201-208.   | 3.7 | 76        |
| 60 | Acute stress response in gilthead sea bream ( <i>Sparus aurata</i> L.) is time-of-day dependent: Physiological and oxidative stress indicators. Chronobiology International, 2014, 31, 1051-1061.   | 2.0 | 34        |
| 61 | Transcriptional Assessment by Microarray Analysis and Large-Scale Meta-analysis of the Metabolic Capacity of Cardiac and Skeletal Muscle Tissues to Cope With Reduced Nutrient Availability in Gilthead Sea Bream ( <i>Sparus aurata</i> L.). Marine Biotechnology, 2014, 16, 423-435.  | 2.3 | 49        |
| 62 | Deep sequencing for de novo construction of a marine fish ( <i>Sparus aurata</i> ) transcriptome database with a large coverage of protein-coding transcripts. BMC Genomics, 2013, 14, 178.   | 2.9 | 92        |
| 63 | Dietary oils mediate cortisol kinetics and the hepatic mRNA expression profile of stress-responsive genes in gilthead sea bream ( <i>Sparus aurata</i> ) exposed to crowding stress. Implications on energy homeostasis and stress susceptibility. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2013, 8, 123-130. | 1.1 | 57        |
| 64 | Proteomic evaluation of potentiated sulfa treatment on gilthead sea bream ( <i>Sparus aurata</i> L.) liver. Aquaculture, 2013, 376-379, 36-44.  | 3.5 | 17        |
| 65 | Effect of ration size on fillet fatty acid composition, phospholipid allostasis and mRNA expression patterns of lipid regulatory genes in gilthead sea bream ( <i>Sparus aurata</i> ). British Journal of Nutrition, 2013, 109, 1175-1187.  | 2.6 | 50        |
| 66 | Mucins as Diagnostic and Prognostic Biomarkers in a Fish-Parasite Model: Transcriptional and Functional Analysis. PLoS ONE, 2013, 8, e65457.  | 2.5 | 104       |
| 67 | Need and Seek for Dietary Micronutrients: Endogenous Regulation, External Signalling and Food Sources of Carotenoids in New World Vultures. PLoS ONE, 2013, 8, e65562.  | 2.5 | 26        |
| 68 | Glutamine Supplementation Alleviates Vasculopathy and Corrects Metabolic Profile in an In Vivo Model of Endothelial Cell Dysfunction. PLoS ONE, 2013, 8, e65458.  | 2.5 | 23        |
| 69 | Identification and expression profiles of ADAR1 gene, responsible for RNA editing, in responses to dsRNA and GCRV challenge in grass carp ( <i>Ctenopharyngodon idella</i> ). Fish and Shellfish Immunology, 2012, 33, 1042-1049.   | 3.7 | 23        |
| 70 | Cryptocaryon irritans infection induces the acute phase response in <i>Lates calcarifer</i> : A transcriptomic perspective. Fish and Shellfish Immunology, 2012, 33, 788-794.   | 3.7 | 39        |
| 71 | Modulation of the IgM gene expression and IgM immunoreactive cell distribution by the nutritional background in gilthead sea bream ( <i>Sparus aurata</i> ) challenged with <i>Enteromyxum leei</i> (Myxozoa). Fish and Shellfish Immunology, 2012, 33, 401-410.  | 3.7 | 57        |
| 72 | A novel C1qDC protein acting as pattern recognition receptor in scallop <i>Argopecten irradians</i> . Fish and Shellfish Immunology, 2012, 33, 427-435.   | 3.7 | 61        |

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|----|--|-----|-----------|
| 73 | Graded properties of unary and binary fuzzy connectives. <i>Fuzzy Sets and Systems</i> , 2012, 202, 1-41.  | 3.0 | 5         |
| 74 | Dietary vegetable oils do not alter the intestine transcriptome of gilthead sea bream ( <i>Sparus aurata</i> ), but modulate the transcriptomic response to infection with <i>Enteromyxum leei</i> . <i>BMC Genomics</i> , 2012, 13, 470.  | 2.9 | 75        |
| 75 | Spatiotemporal activity estimation for multivoxel pattern analysis with rapid event-related designs. <i>NeuroImage</i> , 2012, 62, 1429-1438.  | 4.4 | 79        |
| 76 | Spatiotemporal dynamics of epileptiform propagations: Imaging of human brain slices. <i>NeuroImage</i> , 2011, 58, 50-59.  | 4.4 | 18        |
| 77 | Molecular characterization and expression analysis of six peroxiredoxin paralogous genes in gilthead sea bream ( <i>Sparus aurata</i> ): Insights from fish exposed to dietary, pathogen and confinement stressors. <i>Fish and Shellfish Immunology</i> , 2011, 31, 294-302.        | 3.7 | 60        |
| 78 | The gamma-chain cytokine/receptor system in fish: More ligands and receptors. <i>Fish and Shellfish Immunology</i> , 2011, 31, 673-687.  | 3.7 | 46        |
| 79 | Molecular profiling of the gilthead sea bream ( <i>Sparus aurata</i> L.) response to chronic exposure to the myxosporean parasite <i>Enteromyxum leei</i> . <i>Molecular Immunology</i> , 2011, 48, 2102-2112.   | 2.4 | 58        |
| 80 | Feed restriction up-regulates uncoupling protein 3 (UCP3) gene expression in heart and red muscle tissues of gilthead sea bream ( <i>Sparus aurata</i> L.). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2011, 159, 296-302.      | 1.8 | 24        |
| 81 | Use of microarray technology to assess the time course of liver stress response after confinement exposure in gilthead sea bream ( <i>Sparus aurata</i> L.). <i>BMC Genomics</i> , 2010, 11, 193.  | 2.9 | 93        |
| 82 | Gene expression survey of mitochondrial uncoupling proteins (UCP1/UCP3) in gilthead sea bream ( <i>Sparus aurata</i> L.). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2010, 180, 685-694.                                      | 1.5 | 26        |
| 83 | Dynamics of liver GH/IGF axis and selected stress markers in juvenile gilthead sea bream ( <i>Sparus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock<br>& Integrative Physiology, 2009, 154, 197-203.   | 1.8 | 87        |
| 84 | Targets for TNF $\alpha$ -induced lipolysis in gilthead sea bream ( <i>Sparus aurata</i> L.) adipocytes isolated from lean and fat juvenile fish. <i>Journal of Experimental Biology</i> , 2009, 212, 2254-2260.   | 1.7 | 40        |
| 85 | Chronic exposure to the parasite <i>Enteromyxum leei</i> (Myxozoa: Myxosporea) modulates the immune response and the expression of growth, redox and immune relevant genes in gilthead sea bream, <i>Sparus aurata</i> L.. <i>Fish and Shellfish Immunology</i> , 2008, 24, 610-619. | 3.7 | 78        |
| 86 | Confinement exposure induces glucose regulated protein 75 (GRP75/mortalin/mtHsp70/PBP74/HSPA9B) in the hepatic tissue of gilthead sea bream ( <i>Sparus aurata</i> L.). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2008, 149, 428-438.  | 1.7 | 25        |
| 87 | o-Diphenol oxidase activity of molluscan hemocyanins. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2008, 149, 439-446.  | 1.7 | 22        |
| 88 | Conjugated Linoleic Acid Affects Lipid Composition, Metabolism, and Gene Expression in Gilthead Sea Bream ( <i>Sparus aurata</i> L.) <sup>3</sup> . <i>Journal of Nutrition</i> , 2007, 137, 1363-1369.  | 2.7 | 43        |
| 89 | Differential metabolic and gene expression profile of juvenile common dentex ( <i>Dentex dentex</i> L.) and gilthead sea bream ( <i>Sparus aurata</i> L.) in relation to redox homeostasis. <i>Aquaculture</i> , 2007, 267, 213-224.   | 3.5 | 32        |
| 90 | Effect of variation in the protein value of the red macroalga <i>Palmaria palmata</i> on the feeding, growth and gonad composition of the sea urchins <i>Psammechinus miliaris</i> and <i>Paracentrotus lividus</i> (Echinodermata). <i>Aquaculture</i> , 2007, 270, 207-217.        | 3.5 | 61        |

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|-----|--|-----|-----------|
| 91  | Tumour necrosis factor (TNF) $\alpha$ as a regulator of fat tissue mass in the Mediterranean gilthead sea bream ( <i>Sparus aurata</i> L.). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2007, 146, 338-345.  | 1.7 | 34        |
| 92  | Regulation of the somatotrophic axis by dietary factors in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>British Journal of Nutrition</i> , 2005, 94, 353-361.  | 2.6 | 50        |
| 93  | Molecular characterization of gilthead sea bream ( <i>Sparus aurata</i> ) lipoprotein lipase. Transcriptional regulation by season and nutritional condition in skeletal muscle and fat storage tissues. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2005, 142, 224-232. | 1.7 | 85        |
| 94  | Genomic Structure and Functional Analysis of Promoter Region of Somatolactin Gene of Sea Bream ( <i>Sparus aurata</i> ). <i>Marine Biotechnology</i> , 2004, 6, 411-418.   | 2.3 | 9         |
| 95  | Isolation of <i>Sparus auratus</i> prolactin gene and activity of the cis-acting regulatory elements. <i>General and Comparative Endocrinology</i> , 2003, 134, 57-61.   | 1.7 | 17        |
| 96  | Molecular cloning and characterization of gilthead sea bream ( <i>Sparus aurata</i> ) growth hormone receptor (GHR). Assessment of alternative splicing. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2003, 136, 1-13.  | 1.7 | 76        |
| 97  | cDNA cloning and sequence of European sea bass ( <i>Dicentrarchus labrax</i> ) somatolactin. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2000, 127, 183-192.   | 1.7 | 24        |
| 98  | Expression of growth hormone gene in the head kidney of gilthead sea bream ( <i>Sparus aurata</i> ). <i>The Journal of Experimental Zoology</i> , 1999, 283, 326-330.  | 0.6 | 23        |
| 99  | Growth hormone as an in vitro phagocyte-activating factor in the gilthead sea bream ( <i>Sparus aurata</i> ) Tj ETQq1 1 0.784314 rgBT /Over  | 3.0 | 51        |
| 100 | The use of recombinant gilthead sea bream ( <i>Sparus aurata</i> ) growth hormone for radioiodination and standard preparation in radioimmunoassay. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1995, 110, 335-340.   | 0.6 | 48        |