

# Jaume Prez-Snchez

## 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.

179  
papers

6,839  
citations

46  
h-index

72  
g-index

191  
ext. papers

8,517  
ext. citations

4  
avg, IF

5.77  
L-index

#	Paper	IF	Citations
179	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> , <b>2021</b> , 8,	4.5	1
178	Cross-Talk Between Intestinal Microbiota and Host Gene Expression in Gilthead Sea Bream () Juveniles: Insights in Fish Feeds for Increased Circularity and Resource Utilization. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 748265	4.6	2
177	SeqEditor: an application for primer design and sequence analysis with or without GTF/GFF files. <i>Bioinformatics</i> , <b>2021</b> , 37, 1610-1612	7.2	2
176	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> , <b>2021</b> , 8,	4.5	4
175	Dietary Histidine, Threonine, or Taurine Supplementation Affects Gilthead Seabream () Immune Status. <i>Animals</i> , <b>2021</b> , 11,	3.1	2
174	The Use of Defatted Larvae Meal as a Main Protein Source Is Supported in European Sea Bass () by Data on Growth Performance, Lipid Metabolism, and Flesh Quality. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 659567	4.6	14
173	The Effect of the Deformity Genetic Background of the Breeders on the Spawning Quality of Gilthead Seabream ( <i>Sparus aurata</i> L.). <i>Frontiers in Marine Science</i> , <b>2021</b> , 8,	4.5	1
172	Targeting the Mild-Hypoxia Driving Force for Metabolic and Muscle Transcriptional Reprogramming of Gilthead Sea Bream () Juveniles. <i>Biology</i> , <b>2021</b> , 10,	4.9	3
171	Use of accelerometer technology for individual tracking of activity patterns, metabolic rates and welfare in farmed gilthead sea bream ( <i>Sparus aurata</i> ) facing a wide range of stressors. <i>Aquaculture</i> , <b>2021</b> , 539, 736609	4.4	2
170	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> , <b>2021</b> , 8,	4.5	4
169	Effects of genetics and early-life mild hypoxia on size variation in farmed gilthead sea bream ( <i>Sparus aurata</i> ). <i>Fish Physiology and Biochemistry</i> , <b>2021</b> , 47, 121-133	2.7	3
168	Health status in gilthead seabream ( <i>Sparus aurata</i> ) juveniles fed diets devoid of fishmeal and supplemented with <i>Phaeodactylum tricornutum</i> . <i>Journal of Applied Phycology</i> , <b>2021</b> , 33, 979-996	3.2	4
167	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> , <b>2021</b> , 20, 100645	2.3	1
166	Transcriptomic profiling of Gh/Igf system reveals a prompted tissue-specific differentiation and novel hypoxia responsive genes in gilthead sea bream. <i>Scientific Reports</i> , <b>2021</b> , 11, 16466	4.9	1
165	A Novel Miniaturized Biosensor for Monitoring Atlantic Salmon Swimming Activity and Respiratory Frequency. <i>Animals</i> , <b>2021</b> , 11,	3.1	2
164	Genetic parameters for <i>Photobacterium damsela</i> subsp. <i>piscicida</i> resistance, immunological markers and body weight in gilthead seabream ( <i>Sparus aurata</i> ). <i>Aquaculture</i> , <b>2021</b> , 543, 736892	4.4	3
163	Effect of virgin low density polyethylene microplastic ingestion on intestinal histopathology and microbiota of gilthead sea bream. <i>Aquaculture</i> , <b>2021</b> , 545, 737245	4.4	8

162 Reverse-Transcribing Viruses (Belpaoviridae, Metaviridae, and Pseudoviridae) **2021**, 653-666

161	Long-term feeding of a maintenance ration affects the release of Igf-1 and leptin, and delays maturation in a male teleost fish, <i>Dicentrarchus labrax</i> L.. <i>Aquaculture</i> , <b>2020</b> , 527, 735467	4.4	4
160	From operculum and body tail movements to different coupling of physical activity and respiratory frequency in farmed gilthead sea bream and European sea bass. Insights on aquaculture biosensing. <i>Computers and Electronics in Agriculture</i> , <b>2020</b> , 175, 105531	6.5	6
159	Local DNA methylation helps to regulate muscle sirtuin 1 gene expression across seasons and advancing age in gilthead sea bream (). <i>Frontiers in Zoology</i> , <b>2020</b> , 17, 15	2.8	7
158	Stearoyl-CoA desaturase () is epigenetically regulated by broodstock nutrition in gilthead sea bream (). <i>Epigenetics</i> , <b>2020</b> , 15, 536-553	5.7	11
157	Genetic selection for growth drives differences in intestinal microbiota composition and parasite disease resistance in gilthead sea bream. <i>Microbiome</i> , <b>2020</b> , 8, 168	16.6	17
156	Physiological Effects of Water Flow Induced Swimming Exercise in Seabream. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 610049	4.6	6
155	No transfer of the non-regulated mycotoxins, beauvericin and enniatins, from feeds to farmed fish reared on plant-based diets. <i>Food Chemistry</i> , <b>2020</b> , 323, 126773	8.5	8
154	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> , <b>2019</b> , 93, 727-741	5.8	10
153	Effects of Dietary Bisphenol A on the Reproductive Function of Gilthead Sea Bream () Testes. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	6
152	Ultra-Low Power Sensor Devices for Monitoring Physical Activity and Respiratory Frequency in Farmed Fish. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 667	4.6	14
151	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> , <b>2019</b> , 507, 349-360	4.4	17
150	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> , <b>2019</b> , 232, 67-78	2.6	8
149	Acting locally - affecting globally: RNA sequencing of gilthead sea bream with a mild <i>Sparicotyle chrysophrii</i> infection reveals effects on apoptosis, immune and hypoxia related genes. <i>BMC Genomics</i> , <b>2019</b> , 20, 200	4.5	15
148	Tissue-Specific Orchestration of Gilthead Sea Bream Resilience to Hypoxia and High Stocking Density. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 840	4.6	19
147	Dietary tryptophan supplementation induces a transient immune enhancement of gilthead seabream ( <i>Sparus aurata</i> ) juveniles fed fishmeal-free diets. <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 93, 240-250	4.3	7
146	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> , <b>2019</b> , 12, 486	4	13
145	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> , <b>2019</b> , 9, 16134	4.9	19

144	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> , <b>2019</b> , 6,	4.5	7
143	Sex, Age, and Bacteria: How the Intestinal Microbiota Is Modulated in a Protandrous Hermaphrodite Fish. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 2512	5.7	19
142	Effects of Dietary Lipid Composition and Fatty Acid Desaturase 2 Expression in Broodstock Gilthead Sea Bream on Lipid Metabolism-Related Genes and Methylation of the Gene Promoter in Their Offspring. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	16
141	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> , <b>2019</b> , 498, 503-512	4.4	20
140	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> , <b>2018</b> , 490, 64-74	4.4	29
139	Recombinant bovine growth hormone (rBGH) enhances somatic growth by regulating the GH-IGF axis in fingerlings of gilthead sea bream ( <i>Sparus aurata</i> ). <i>General and Comparative Endocrinology</i> , <b>2018</b> , 257, 192-202	3	15
138	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> , <b>2018</b> , 24, 1782-1795	3.2	14
137	Co-expression Analysis of Sirtuins and Related Metabolic Biomarkers in Juveniles of Gilthead Sea Bream () With Differences in Growth Performance. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 608	4.6	19
136	Ghrelin and Its Receptors in Gilthead Sea Bream: Nutritional Regulation. <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 399	5.7	10
135	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> , <b>2018</b> , 11, 443	4	17
134	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> , <b>2018</b> , 24, 1638-1651 <sup>2</sup>	3.2	10
133	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> , <b>2018</b> , 119, 54-65	12.9	26
132	Somatotropic Axis Regulation Unravels the Differential Effects of Nutritional and Environmental Factors in Growth Performance of Marine Farmed Fishes. <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 687	5.7	32
131	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> , <b>2018</b> , 8, 13689	4.9	24
130	Impact of Diets Containing Plant Raw Materials as Fish Meal and Fish Oil Replacement on Rainbow Trout ( <i>Oncorhynchus mykiss</i> ), Gilthead Sea Bream ( <i>Sparus aurata</i> ), and Common Carp ( <i>Cyprinus carpio</i> ) Freshness. <i>Journal of Food Quality</i> , <b>2018</b> , 2018, 1-14	2.7	7
129	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> , <b>2017</b> , 117, 351-363	3.6	32
128	Dietary supplementation of heat-treated and seaweeds enhanced acute hypoxia tolerance in gilthead sea bream (). <i>Biology Open</i> , <b>2017</b> , 6, 897-908	2.2	40
127	Multi-class determination of undesirables in aquaculture samples by gas chromatography/tandem mass spectrometry with atmospheric pressure chemical ionization: A novel approach for polycyclic aromatic hydrocarbons. <i>Talanta</i> , <b>2017</b> , 172, 109-119	6.2	16

126	Comprehensive strategy for pesticide residue analysis through the production cycle of gilthead sea bream and Atlantic salmon. <i>Chemosphere</i> , <b>2017</b> , 179, 242-253	8.4	21
125	The circadian transcriptome of marine fish ( <i>Sparus aurata</i> ) larvae reveals highly synchronized biological processes at the whole organism level. <i>Scientific Reports</i> , <b>2017</b> , 7, 12943	4.9	17
124	Gene expression profiling of whole blood cells supports a more efficient mitochondrial respiration in hypoxia-challenged gilthead sea bream (). <i>Frontiers in Zoology</i> , <b>2017</b> , 14, 34	2.8	22
123	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> , <b>2017</b> , 5, 164	16.6	101
122	Tissue-specific gene expression and fasting regulation of sirtuin family in gilthead sea bream ( <i>Sparus aurata</i> ). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , <b>2017</b> , 187, 153-163	2.2	20
121	Skin Mucus of Gilthead Sea Bream ( <i>L.</i> ). Protein Mapping and Regulation in Chronically Stressed Fish. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 34	4.6	39
120	Untargeted metabolomics approach for unraveling robust biomarkers of nutritional status in fasted gilthead sea bream (). <i>PeerJ</i> , <b>2017</b> , 5, e2920	3.1	18
119	Sodium salt medium-chain fatty acids and -based probiotic strategies to improve growth and intestinal health of gilthead sea bream (). <i>PeerJ</i> , <b>2017</b> , 5, e4001	3.1	24
118	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 aurata</i> ). <i>Aquaculture</i> , <b>2016</b> , 454, 8-18	4.4	51
117	Immunity to gastrointestinal microparasites of fish. <i>Developmental and Comparative Immunology</i> , <b>2016</b> , 64, 187-201	3.2	32
116	Unraveling the Tissue-Specific Gene Signatures of Gilthead Sea Bream ( <i>Sparus aurata</i> L.) after Hyper- and Hypo-Osmotic Challenges. <i>PLoS ONE</i> , <b>2016</b> , 11, e0148113	3.7	15
115	Differential Modulation of IgT and IgM upon Parasitic, Bacterial, Viral, and Dietary Challenges in a Perciform Fish. <i>Frontiers in Immunology</i> , <b>2016</b> , 7, 637	8.4	64
114	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> , <b>2016</b> , 11, e0166564	3.7	70
113	Gene Expression Profiling Reveals Functional Specialization along the Intestinal Tract of a Carnivorous Teleostean Fish ( <i>Dicentrarchus labrax</i> ). <i>Frontiers in Physiology</i> , <b>2016</b> , 7, 359	4.6	32
112	Up-scaling validation of a dummy regression approach for predictive modelling the fillet fatty acid composition of cultured European sea bass ( <i>Dicentrarchus labrax</i> ). <i>Aquaculture Research</i> , <b>2016</b> , 47, 1067-1074	1.9	7
111	Wide-targeted gene expression infers tissue-specific molecular signatures of lipid metabolism in fed and fasted fish. <i>Reviews in Fish Biology and Fisheries</i> , <b>2016</b> , 26, 93-108	6	23
110	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> , <b>2016</b> , 310, R313-22	3.2	14
109	Cimetidine disrupts the renewal of testicular cells and the steroidogenesis in a hermaphrodite fish. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2016</b> , 189, 44-53	3.2	4

108	Effects of dietary NEXT ENHANCED 150 on growth performance and expression of immune and intestinal integrity related genes in gilthead sea bream ( <i>Sparus aurata</i> L.). <i>Fish and Shellfish Immunology</i> , <b>2015</b> , 44, 117-28	4.3	47
107	Occurrence and potential transfer of mycotoxins in gilthead sea bream and Atlantic salmon by use of novel alternative feed ingredients. <i>Chemosphere</i> , <b>2015</b> , 128, 314-20	8.4	49
106	Growth-promoting effects of sustained swimming in fingerlings of gilthead sea bream ( <i>Sparus aurata</i> L.). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , <b>2015</b> , 185, 859-68	2.2	25
105	Daily rhythms of clock gene expression and feeding behavior during the larval development in gilthead seabream, <i>Sparus aurata</i> . <i>Chronobiology International</i> , <b>2015</b> , 32, 1061-74	3.6	25
104	Comprehensive biometric, biochemical and histopathological assessment of nutrient deficiencies in gilthead sea bream fed semi-purified diets. <i>British Journal of Nutrition</i> , <b>2015</b> , 114, 713-26	3.6	25
103	Unraveling the molecular signatures of oxidative phosphorylation to cope with the nutritionally changing metabolic capabilities of liver and muscle tissues in farmed fish. <i>PLoS ONE</i> , <b>2015</b> , 10, e0122889	3.7	42
102	European Sea Bass ( <i>Dicentrarchus labrax</i> ) Immune Status and Disease Resistance Are Impaired by Arginine Dietary Supplementation. <i>PLoS ONE</i> , <b>2015</b> , 10, e0139967	3.7	36
101	Effect of temperature on the metabolism, behaviour and oxygen requirements of <i>Sparus aurata</i> . <i>Aquaculture Environment Interactions</i> , <b>2015</b> , 7, 115-123	2.9	20
100	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 UCP1-3 variants. <i>Fish Physiology and Biochemistry</i> , <b>2014</b> , 40, 751-62	2.7	25
99	Interleukin gene expression is strongly modulated at the local level in a fish-parasite model. <i>Fish and Shellfish Immunology</i> , <b>2014</b> , 37, 201-8	4.3	48
98	Screening of pesticides and polycyclic aromatic hydrocarbons in feeds and fish tissues by gas chromatography coupled to high-resolution mass spectrometry using atmospheric pressure chemical ionization. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 2165-74	5.7	72
97	Acute stress response in gilthead sea bream ( <i>Sparus aurata</i> L.) is time-of-day dependent: Physiological and oxidative stress indicators. <i>Chronobiology International</i> , <b>2014</b> , 31, 1051-61	3.6	22
96	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.). <i>Marine Biotechnology</i> , <b>2014</b> , 16, 423-35	3.4	31
95	Metabolic and transcriptional responses of gilthead sea bream ( <i>Sparus aurata</i> L.) to environmental stress: new insights in fish mitochondrial phenotyping. <i>General and Comparative Endocrinology</i> , <b>2014</b> , 205, 305-15	3	43
94	Dummy regression analysis for modelling the nutritionally tailored fillet fatty acid composition of turbot and sole using gilthead sea bream as a reference subgroup category. <i>Aquaculture Nutrition</i> , <b>2014</b> , 20, 421-430	3.2	9
93	Wide-gene expression analysis of lipid-relevant genes in nutritionally challenged gilthead sea bream ( <i>Sparus aurata</i> ). <i>Gene</i> , <b>2014</b> , 547, 34-42	3.8	35
92	Deep sequencing for de novo construction of a marine fish ( <i>Sparus aurata</i> ) transcriptome database with a large coverage of protein-coding transcripts. <i>BMC Genomics</i> , <b>2013</b> , 14, 178	4.5	60
91	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. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , <b>2013</b> , 8, 123-30	2	30

90	Cloning and characterization of a plasminogen-binding enolase from the saliva of the argasid tick <i>Ornithodoros moubata</i> . <i>Veterinary Parasitology</i> , <b>2013</b> , 191, 301-14	2.8	35
89	Can a parasitic infection modulate the expression of interleukin genes in a fish-myxozoan system?. <i>Fish and Shellfish Immunology</i> , <b>2013</b> , 34, 1672	4.3	3
88	Qualitative screening of undesirable compounds from feeds to fish by liquid chromatography coupled to mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , <b>2013</b> , 61, 2077-87	5.7	52
87	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> ). <i>British Journal of Nutrition</i> , <b>2013</b> , 109, 1175-87	3.6	37
86	Mucins as diagnostic and prognostic biomarkers in a fish-parasite model: transcriptional and functional analysis. <i>PLoS ONE</i> , <b>2013</b> , 8, e65457	3.7	79
85	Dietary Lipid Sources as a Means of Changing Fatty Acid Composition in Fish: Implications for Food Fortification <b>2013</b> , 41-54		7
84	Effect of nutrition and <i>Enteromyxum leei</i> infection on gilthead sea bream <i>Sparus aurata</i> intestinal carbohydrate distribution. <i>Diseases of Aquatic Organisms</i> , <b>2012</b> , 100, 29-42	1.7	19
83	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). <i>Fish and Shellfish Immunology</i> , <b>2012</b> , 33, 401-10	4.3	45
82	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> , <b>2012</b> , 13, 470	4.5	64
81	Modifications of intestinal nutrient absorption in response to dietary fish meal replacement by plant protein sources in sea bream ( <i>Sparus aurata</i> ) and rainbow trout ( <i>Onchorynchus mykiss</i> ). <i>Aquaculture</i> , <b>2011</b> , 317, 146-154	4.4	45
80	Prediction of fillet fatty acid composition of market-size gilthead sea bream ( <i>Sparus aurata</i> ) using a regression modelling approach. <i>Aquaculture</i> , <b>2011</b> , 319, 81-88	4.4	17
79	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> , <b>2011</b> , 31, 294-302	4.3	56
78	Effect of dietary fish meal and fish oil replacement on lipogenic and lipoprotein lipase activities and plasma insulin in gilthead sea bream ( <i>Sparus aurata</i> ). <i>Aquaculture Nutrition</i> , <b>2011</b> , 17, 54-63	3.2	35
77	Plant oils inclusion in high fish meal-substituted diets: effect on digestion and nutrient absorption in gilthead sea bream ( <i>Sparus aurata</i> L.). <i>Aquaculture Research</i> , <b>2011</b> , 42, 962-974	1.9	30
76	The nutritional background of the host alters the disease course in a fish-myxosporean system. <i>Veterinary Parasitology</i> , <b>2011</b> , 175, 141-50	2.8	36
75	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> , <b>2011</b> , 48, 2102-12	4.3	50
74	Changes in adipocyte cell size, gene expression of lipid metabolism markers, and lipolytic responses induced by dietary fish oil replacement in gilthead sea bream ( <i>Sparus aurata</i> L.). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2011</b> , 158, 391-9	2.6	40
73	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.) New insights in substrate oxidation and energy expenditure. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2011</b> , 159, 286-292	2.6	18

72	Modelling the predictable effects of dietary lipid sources on the fillet fatty acid composition of one-year-old gilthead sea bream ( <i>Sparus aurata</i> L.). <i>Food Chemistry</i> , <b>2011</b> , 124, 538-544	8.5	36
71	Tissue-specific robustness of fatty acid signatures in cultured gilthead sea bream ( <i>Sparus aurata</i> L.) fed practical diets with a combined high replacement of fish meal and fish oil. <i>Journal of Animal Science</i> , <b>2010</b> , 88, 1759-70	0.7	55
70	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> , <b>2010</b> , 180, 685-94	2.2	25
69	Bioaccumulation of polycyclic aromatic hydrocarbons in gilthead sea bream ( <i>Sparus aurata</i> L.) exposed to long term feeding trials with different experimental diets. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2010</b> , 59, 137-46	3.2	31
68	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> , <b>2010</b> , 11, 193	4.5	60
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66	Dynamics of liver GH/IGF axis and selected stress markers in juvenile gilthead sea bream ( <i>Sparus aurata</i> ) exposed to acute confinement: differential stress response of growth hormone receptors. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2009</b> , 154, 197-203	2.6	68
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60	Assessment of the health and antioxidant trade-off in gilthead sea bream ( <i>Sparus aurata</i> L.) fed alternative diets with low levels of contaminants. <i>Aquaculture</i> , <b>2009</b> , 296, 87-95	4.4	46
59	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> , <b>2009</b> , 212, 2254-60	3	36
58	Modifications of digestive enzymes in trout ( <i>Oncorhynchus mykiss</i> ) and sea bream ( <i>Sparus aurata</i> ) in response to dietary fish meal replacement by plant protein sources. <i>Aquaculture</i> , <b>2008</b> , 282, 68-74	4.4	178
57	Chronic exposure to the parasite <i>Enteromyxum leei</i> (Myxozoa: Myxosporaea) 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> , <b>2008</b> , 24, 610-9	4.3	66
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49	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> , <b>2007</b> , 267, 213-224	4.4	27
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33	Immunological and pathological status of gilthead sea bream ( <i>Sparus aurata</i> L.) under different long-term feeding regimes. <i>Aquaculture</i> , <b>2003</b> , 220, 707-724	4-4	26
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1	Fish Growth Hormone Receptor: Molecular Characterization of Two Membrane-Anchored Forms		33

