

# Jaume Prez-Snchez

## List of Publications by Citations

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179  
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46  
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191  
ext. papers

8,517  
ext. citations

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L-index

#	Paper	IF	Citations
179	Protein growth performance, amino acid utilisation and somatotropic axis responsiveness to fish meal replacement by plant protein sources in gilthead sea bream ( <i>Sparus aurata</i> ). <i>Aquaculture</i> , <b>2004</b> , 232, 493-510	4.4	315
178	Effect of fish meal replacement by plant protein sources on non-specific defence mechanisms and oxidative stress in gilthead sea bream ( <i>Sparus aurata</i> ). <i>Aquaculture</i> , <b>2005</b> , 249, 387-400	4.4	292
177	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
176	Growth performance and adiposity in gilthead sea bream ( <i>Sparus aurata</i> ): risks and benefits of high energy diets. <i>Aquaculture</i> , <b>1999</b> , 171, 279-292	4.4	159
175	High levels of vegetable oils in plant protein-rich diets fed to gilthead sea bream ( <i>Sparus aurata</i> L.): growth performance, muscle fatty acid profiles and histological alterations of target tissues. <i>British Journal of Nutrition</i> , <b>2008</b> , 100, 992-1003	3.6	150
174	Pituitary and interrenal function in gilthead sea bream ( <i>Sparus aurata</i> L., Teleostei) after handling and confinement stress. <i>General and Comparative Endocrinology</i> , <b>2001</b> , 121, 333-42	3	145
173	Growth hormone axis as marker of nutritional status and growth performance in fish. <i>Aquaculture</i> , <b>1999</b> , 177, 117-128	4.4	144
172	Endocrine mediators of seasonal growth in gilthead sea bream ( <i>Sparus aurata</i> ): the growth hormone and somatolactin paradigm. <i>General and Comparative Endocrinology</i> , <b>2002</b> , 128, 102-11	3	131
171	Combined replacement of fish meal and oil in practical diets for fast growing juveniles of gilthead sea bream ( <i>Sparus aurata</i> L.): Networking of systemic and local components of GH/IGF axis. <i>Aquaculture</i> , <b>2007</b> , 267, 199-212	4.4	129
170	Effects of dietary amino acid profile on growth performance, key metabolic enzymes and somatotropic axis responsiveness of gilthead sea bream ( <i>Sparus aurata</i> ). <i>Aquaculture</i> , <b>2003</b> , 220, 749-767	4.4	125
169	Effect of high-level fish meal replacement by plant proteins in gilthead sea bream ( <i>Sparus aurata</i> ) on growth and body/fillet quality traits. <i>Aquaculture Nutrition</i> , <b>2007</b> , 13, 361-372	3.2	108
168	Duplication of growth hormone receptor (GHR) in fish genome: gene organization and transcriptional regulation of GHR type I and II in gilthead sea bream ( <i>Sparus aurata</i> ). <i>General and Comparative Endocrinology</i> , <b>2005</b> , 142, 193-203	3	106
167	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
166	The involvement of growth hormone in growth regulation, energy homeostasis and immune function in the gilthead sea bream ( <i>Sparus aurata</i> ): a short review. <i>Fish Physiology and Biochemistry</i> , <b>2000</b> , 22, 135-144	2.7	92
165	Pituitary proopiomelanocortin-derived peptides and hypothalamus-pituitary-interrenal axis activity in gilthead sea bream ( <i>Sparus aurata</i> ) during prolonged crowding stress: differential regulation of adrenocorticotropin hormone and alpha-melanocyte-stimulating hormone release by	3	84
164	Insulin regulation of lipoprotein lipase (LPL) activity and expression in gilthead sea bream ( <i>Sparus aurata</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2007</b> , 148, 151-9	2.3	83
163	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

162	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> , <b>2005</b> , 142, 224-32	2.3	78
161	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
160	Effects of human insulin-like growth factor-I on release of growth hormone by rainbow trout ( <i>Oncorhynchus mykiss</i> ) pituitary cells. <i>The Journal of Experimental Zoology</i> , <b>1992</b> , 262, 287-90		71
159	Protein sparing effect of dietary lipids in common dentex ( <i>Dentex labrax</i> ): A comparative study with sea bream ( <i>Sparus aurata</i> ) and sea bass ( <i>Morone saxatilis</i> ). <i>Aquatic Living Resources</i> , <b>1999</b> , 12, 23-30	1.5	70
158	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
157	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
156	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> , <b>2008</b> , 24, 610-9	4.3	66
155	Development of a protein binding assay for teleost insulin-like growth factor (IGF)-like: relationships between growth hormone (GH) and IGF-like in the blood of rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Fish Physiology and Biochemistry</i> , <b>1993</b> , 11, 381-91	2.7	65
154	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
153	The time course of fish oil wash-out follows a simple dilution model in gilthead sea bream ( <i>Sparus aurata</i> L.) fed graded levels of vegetable oils. <i>Aquaculture</i> , <b>2009</b> , 288, 98-105	4.4	64
152	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
151	Nutritional and hormonal control of lipolysis in isolated gilthead seabream ( <i>Sparus aurata</i> ) adipocytes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2005</b> , 289, R259-65	3.2	61
150	Evidence for a direct action of GH on haemopoietic cells of a marine fish, the gilthead sea bream ( <i>Sparus aurata</i> ). <i>Journal of Endocrinology</i> , <b>1995</b> , 146, 459-67	4.7	61
149	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
148	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
147	Overview of Fish Growth Hormone Family. New Insights in Genomic Organization and Heterogeneity of Growth Hormone Receptors. <i>Fish Physiology and Biochemistry</i> , <b>2002</b> , 27, 243-258	2.7	58
146	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> , <b>2003</b> , 136, 1-13	2.3	58
145	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

144	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
143	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
142	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
141	Seasonal changes in circulating growth hormone (GH), hepatic GH-binding and plasma insulin-like growth factor-I immunoreactivity in a marine fish, gilthead sea bream, <i>Sparus aurata</i> . <i>Fish Physiology and Biochemistry</i> , <b>1994</b> , 13, 199-208	2.7	51
140	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
139	Homologous growth hormone (GH) binding in gilthead sea bream ( <i>Sparus aurata</i> ). Effect of fasting and refeeding on hepatic GH-binding and plasma somatomedin-like immunoreactivity. <i>Journal of Fish Biology</i> , <b>1994</b> , 44, 287-301	1.9	50
138	Changes in plasma glucagon and insulin associated with fasting in sea bass ( <i>Dicentrarchus labrax</i> ). <i>Fish Physiology and Biochemistry</i> , <b>1991</b> , 9, 107-12	2.7	50
137	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
136	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
135	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.). <i>Fish and Shellfish Immunology</i> , <b>2015</b> , 44, 117-28	4.3	47
134	Bacterial and parasitic pathogens in cultured common dentex, <i>Dentex dentex</i> L.. <i>Journal of Fish Diseases</i> , <b>2002</b> , 22, 299-309	2.6	47
133	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
132	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
131	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>Oncorhynchus mykiss</i> ). <i>Aquaculture</i> , <b>2011</b> , 317, 146-154	4.4	45
130	Growth hormone as an in vitro phagocyte-activating factor in the gilthead sea bream ( <i>Sparus aurata</i> ). <i>Cell and Tissue Research</i> , <b>1997</b> , 287, 535-40	4.2	45
129	Regulation of the somatotrophic axis by dietary factors in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>British Journal of Nutrition</i> , <b>2005</b> , 94, 353-61	3.6	45
128	Nutritional assessment of somatolactin function in gilthead sea bream ( <i>Sparus aurata</i> ): concurrent changes in somatotrophic axis and pancreatic hormones. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2004</b> , 138, 533-42	2.6	44
127	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

126	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
125	Dietary supplementation of heat-treated and seaweeds enhanced acute hypoxia tolerance in gilthead sea bream ( <i>Sparus aurata</i> ). <i>Biology Open</i> , <b>2017</b> , 6, 897-908	2.2	40
124	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
123	Skin Mucus of Gilthead Sea Bream ( <i>Sparus aurata</i> L.). Protein Mapping and Regulation in Chronically Stressed Fish. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 34	4.6	39
122	Conjugated linoleic acid affects lipid composition, metabolism, and gene expression in gilthead sea bream ( <i>Sparus aurata</i> L.). <i>Journal of Nutrition</i> , <b>2007</b> , 137, 1363-9	4.1	39
121	Distinct role of insulin and IGF-I and its receptors in white skeletal muscle during the compensatory growth of gilthead sea bream ( <i>Sparus aurata</i> ). <i>Aquaculture</i> , <b>2007</b> , 267, 188-198	4.4	39
120	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
119	Expression and characterization of European sea bass ( <i>Dicentrarchus labrax</i> ) somatotactin: assessment of in vivo metabolic effects. <i>Marine Biotechnology</i> , <b>2003</b> , 5, 92-101	3.4	37
118	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
117	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
116	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
115	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
114	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
113	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
112	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
111	In vitro effect of leptin on somatotactin release in the European sea bass ( <i>Dicentrarchus labrax</i> ): dependence on the reproductive status and interaction with NPY and GnRH. <i>General and Comparative Endocrinology</i> , <b>2003</b> , 132, 284-92	3	35
110	Fish Growth Hormone Receptor: Molecular Characterization of Two Membrane-Anchored Forms		33
109	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

108	Immunity to gastrointestinal microparasites of fish. <i>Developmental and Comparative Immunology</i> , <b>2016</b> , 64, 187-201	3.2	32
107	A drop in ambient temperature results in a transient reduction of interrenal ACTH responsiveness in the gilthead sea bream ( <i>Sparus aurata</i> , L.). <i>Fish Physiology and Biochemistry</i> , <b>2000</b> , 23, 265-273	2.7	32
106	Somatotropic regulation of fish growth and adiposity: growth hormone (GH) and somatolactin (SL) relationship. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2001</b> , 130, 435-45	3.2	32
105	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
104	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
103	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
102	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
101	Co-expression of IGFs and GH receptors (GHRs) in gilthead sea bream ( <i>Sparus aurata</i> L.): sequence analysis of the GHR-flanking region. <i>Journal of Endocrinology</i> , <b>2007</b> , 194, 361-72	4.7	31
100	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> , <b>2007</b> , 146, 338-45	2.3	31
99	Modulation of the respiratory burst activity of Mediterranean sea bass ( <i>Dicentrarchus labrax</i> L.) phagocytes by growth hormone and parasitic status. <i>Fish and Shellfish Immunology</i> , <b>1998</b> , 8, 25-36	4.3	31
98	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
97	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
96	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> , <b>1995</b> , 110, 335-40		30
95	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
94	Cloning, expression, and characterization of a recombinant gilthead seabream growth hormone. <i>General and Comparative Endocrinology</i> , <b>1994</b> , 96, 179-88	3	29
93	Natural abundance of 15N and 13C in fish tissues and the use of stable isotopes as dietary protein tracers in rainbow trout and gilthead sea bream. <i>Aquaculture Nutrition</i> , <b>2009</b> , 15, 9-18	3.2	28
92	SHORT COMMUNICATION Diet related changes in non-specific immune response of European sea bass ( <i>Dicentrarchus labrax</i> L.). <i>Fish and Shellfish Immunology</i> , <b>1999</b> , 9, 637-640	4.3	28
91	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

90	Production and characterization of recombinantly derived peptides and antibodies for accurate determinations of somatotactin, growth hormone and insulin-like growth factor-I in European sea bass ( <i>Dicentrarchus labrax</i> ). <i>General and Comparative Endocrinology</i> , <b>2004</b> , 139, 266-77	3	27
89	Recombinant somatotactin as a stable and bioactive protein in a cell culture bioassay: development and validation of a sensitive and reproducible radioimmunoassay. <i>Journal of Endocrinology</i> , <b>1998</b> , 156, 441-7	4.7	27
88	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
87	A reliable analytical approach based on gas chromatography coupled to triple quadrupole and time-of-flight mass analyzers for the determination and confirmation of polycyclic aromatic hydrocarbons in complex matrices from aquaculture activities. <i>Rapid Communications in Mass Spectrometry</i> , <b>2009</b> , 23, 2075-86	2.2	26
86	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
85	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
84	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
83	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
82	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
81	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
80	Effects of diet and feeding time on daily variations in plasma insulin, hepatic c-AMP and other metabolites in a teleost fish, <i>Dicentrarchus labrax</i> L. <i>Fish Physiology and Biochemistry</i> , <b>1988</b> , 5, 191-7	2.7	25
79	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
78	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
77	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> , <b>2008</b> , 149, 428-38	2.3	23
76	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
75	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
74	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
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2	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
1	Reverse-Transcribing Viruses (Belpaoviridae, Metaviridae, and Pseudoviridae) <b>2021</b> , 653-666		

