Jaume PÃ©rez-SÃ¡nchez

List of Publications by Year
in descending order

183 papers	9,366 citations	28190 55 h-index	56606 83 g-index
191 all docs	191 docs citations	191 times ranked	4955 citing authors

#	Article	IF	Citations
1	Protein growth performance, amino acid utilisation and somatotropic axis responsiveness to fish meal replacement by plant protein sources in gilthead sea bream (Sparus aurata). Aquaculture, 2004, 232, 493-510.	1.7	369
2	Effect of fish meal replacement by plant protein sources on non-specific defence mechanisms and oxidative stress in gilthead sea bream (Sparus aurata). Aquaculture, 2005, 249, 387-400.	1.7	338
3	Modifications of digestive enzymes in trout (Oncorhynchus mykiss) and sea bream (Sparus aurata) in response to dietary fish meal replacement by plant protein sources. Aquaculture, 2008, 282, 68-74.	1.7	211
4	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. Microbiome, 2017, 5, 164.	4.9	186
5	Growth performance and adiposity in gilthead sea bream (Sparus aurata): risks and benefits of high energy diets. Aquaculture, 1999, 171, 279-292.	1.7	170
6	Pituitary and Interrenal Function in Gilthead Sea Bream (Sparus aurata L., Teleostei) after Handling and Confinement Stress. General and Comparative Endocrinology, 2001, 121, 333-342.	0.8	167
7	High levels of vegetable oils in plant protein-rich diets fed to gilthead sea bream (<i>Sparus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 tissues. British Journal of Nutrition, 2008, 100, 992-1003.	1.2	166
8	Growth hormone axis as marker of nutritional status and growth performance in fish. Aquaculture, 1999, 177, 117-128.	1.7	164
9	Endocrine mediators of seasonal growth in gilthead sea bream (): the growth hormone and somatolactin paradigm. General and Comparative Endocrinology, 2002, 128, 102-111.	0.8	150
10	Combined replacement of fish meal and oil in practical diets for fast growing juveniles of gilthead sea bream (Sparus aurata L.): Networking of systemic and local components of GH/IGF axis. Aquaculture, 2007, 267, 199-212.	1.7	147
11	Dietary Butyrate Helps to Restore the Intestinal Status of a Marine Teleost (Sparus aurata) Fed Extreme Diets Low in Fish Meal and Fish Oil. PLoS ONE, 2016, 11, e0166564.	1.1	146
12	Effects of dietary amino acid profile on growth performance, key metabolic enzymes and somatotropic axis responsiveness of gilthead sea bream (Sparus aurata). Aquaculture, 2003, 220, 749-767.	1.7	142
13	Duplication of growth hormone receptor (GHR) in fish genome: gene organization and transcriptional regulation of GHR type I and II in gilthead sea bream (Sparus aurata). General and Comparative Endocrinology, 2005, 142, 193-203.	0.8	126
14	Effect of high-level fish meal replacement by plant proteins in gilthead sea bream (Sparus aurata) on growth and body/fillet quality traits. Aquaculture Nutrition, 2007, 13, 361-372.	1.1	126
15	Title is missing!. Fish Physiology and Biochemistry, 2000, 22, 135-144.	0.9	114
16	Differential Modulation of IgT and IgM upon Parasitic, Bacterial, Viral, and Dietary Challenges in a Perciform Fish. Frontiers in Immunology, 2016, 7, 637.	2.2	102
17	Pituitary Proopiomelanocortin-Derived Peptides and Hypothalamusâ€"Pituitaryâ€"Interrenal Axis Activity in Gilthead Sea Bream (Sparus aurata) during Prolonged Crowding Stress: Differential Regulation of Adrenocorticotropin Hormone and Î±-Melanocyte-Stimulating Hormone Release by Corticotropin-Releasing Hormone and Thyrotropin-Releasing Hormone. General and Comparative Endocrinology, 2000, 119, 152-163.	0.8	97
18	Mucins as Diagnostic and Prognostic Biomarkers in a Fish-Parasite Model: Transcriptional and Functional Analysis. PLoS ONE, 2013, 8, e65457.	1.1	97

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19	Insulin regulation of lipoprotein lipase (LPL) activity and expression in gilthead sea bream (Sparus) Tj ETQq1 1 0.784314 rgBT /Overlock 151-159.	0.7	95
20	Metabolic and transcriptional responses of gilthead sea bream (Sparus aurata L.) to environmental stress: New insights in fish mitochondrial phenotyping. General and Comparative Endocrinology, 2014, 205, 305-315.	0.8	95
21	Use of microarray technology to assess the time course of liver stress response after confinement exposure in gilthead sea bream (Sparus aurata L.). BMC Genomics, 2010, 11, 193.	1.2	92
22	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. Journal of Agricultural and Food Chemistry, 2014, 62, 2165-2174.	2.4	92
23	Lasting effects of butyrate and low FM/FO diets on growth performance, blood haematology/biochemistry and molecular growth-related markers in gilthead sea bream (Sparus) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.4	91
24	Deep sequencing for de novo construction of a marine fish (Sparus aurata)transcriptome database with a large coverage of protein-coding transcripts. BMC Genomics, 2013, 14, 178.	1.2	90
25	Effects of human insulin-like growth factor-I on release of growth hormone by rainbow trout (Oncorhynchus mykiss) pituitary cells. The Journal of Experimental Zoology, 1992, 262, 287-290.	1.4	87
26	Dynamics of liver GH/IGF axis and selected stress markers in juvenile gilthead sea bream (Sparus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 & Integrative Physiology, 2009, 154, 197-203.	0.8	85
27	Protein sparing effect of dietary lipids in common dentex (): A comparative study with sea bream () and sea bass (). Aquatic Living Resources, 1999, 12, 23-30.	0.5	83
28	Molecular characterization of gilthead sea bream (Sparus aurata) lipoprotein lipase. Transcriptional regulation by season and nutritional condition in skeletal muscle and fat storage tissues. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2005, 142, 224-232.	0.7	83
29	Dietary supplementation of heat-treated<i>Gracilaria</i>and<i>Ulva</i>seaweeds enhanced acute hypoxia tolerance in gilthead seabream (<i>Sparus aurata</i>). Biology Open, 2017, 6, 897-908.	0.6	79
30	Molecular cloning and characterization of gilthead sea bream (Sparus aurata) growth hormone receptor (GHR). Assessment of alternative splicing. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2003, 136, 1-13.	0.7	76
31	Chronic exposure to the parasite Enteromyxum leei (Myxozoa: Myxosporea) modulates the immune response and the expression of growth, redox and immune relevant genes in gilthead sea bream, Sparus aurata L.. Fish and Shellfish Immunology, 2008, 24, 610-619.	1.6	74
32	Dietary vegetable oils do not alter the intestine transcriptome of gilthead sea bream (Sparus aurata), but modulate the transcriptomic response to infection with Enteromyxum leei. BMC Genomics, 2012, 13, 470.	1.2	73
33	Interleukin gene expression is strongly modulated at the local level in a fishâ€“parasite model. Fish and Shellfish Immunology, 2014, 37, 201-208.	1.6	72
34	Gene expression profiling of whole blood cells supports a more efficient mitochondrial respiration in hypoxia-challenged gilthead sea bream (Sparus aurata). Frontiers in Zoology, 2017, 14, 34.	0.9	72
35	Overview of Fish Growth Hormone Family. New Insights in Genomic Organization and Heterogeneity of Growth Hormone Receptors. Fish Physiology and Biochemistry, 2002, 27, 243-258.	0.9	70
36	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 (Oncorhynchus mykiss). Fish Physiology and Biochemistry, 1993, 11, 381-391.	0.9	69

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37	The time course of fish oil wash-out follows a simple dilution model in gilthead sea bream (Sparus) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	69
38	Effects of dietary NEXT ENHANCEÂ®150 on growth performance and expression of immune and intestinal integrity related genes in gilthead sea bream (Sparus aurata L.). Fish and Shellfish Immunology, 2015, 44, 117-128.	1.6	67
39	Skin Mucus of Gilthead Sea Bream (Sparus aurata L.). Protein Mapping and Regulation in Chronically Stressed Fish. Frontiers in Physiology, 2017, 8, 34.	1.3	67
40	Impact of low fish meal and fish oil diets on the performance, sex steroid profile and male-female sex reversal of gilthead sea bream (Sparus aurata) over a three-year production cycle. Aquaculture, 2018, 490, 64-74.	1.7	67
41	Tissue-specific robustness of fatty acid signatures in cultured gilthead sea bream (Sparus aurata L.) fed practical diets with a combined high replacement of fish meal and fish oil1. Journal of Animal Science, 2010, 88, 1759-1770.	0.2	66
42	Unraveling the Molecular Signatures of Oxidative Phosphorylation to Cope with the Nutritionally Changing Metabolic Capabilities of Liver and Muscle Tissues in Farmed Fish. PLoS ONE, 2015, 10, e0122889.	1.1	66
43	Bacterial and parasitic pathogens in cultured common dentex, Dentex dentex L.. Journal of Fish Diseases, 2002, 22, 299-309.	0.9	65
44	Nutritional and hormonal control of lipolysis in isolated gilthead seabream (Sparus aurata) adipocytes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R259-R265.	0.9	65
45	Evidence for a direct action of GH on haemopoietic cells of a marine fish, the gilthead sea bream (Sparus aurata). Journal of Endocrinology, 1995, 146, 459-467.	1.2	62
46	Wide-gene expression analysis of lipid-relevant genes in nutritionally challenged gilthead sea bream (Sparus aurata). Gene, 2014, 547, 34-42.	1.0	61
47	Molecular characterization and expression analysis of six peroxiredoxin paralogous genes in gilthead sea bream (Sparus aurata): Insights from fish exposed to dietary, pathogen and confinement stressors. Fish and Shellfish Immunology, 2011, 31, 294-302.	1.6	60
48	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,Sparus aurata. Fish Physiology and Biochemistry, 1994, 13, 199-208.	0.9	59
49	Qualitative Screening of Undesirable Compounds from Feeds to Fish by Liquid Chromatography Coupled to Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2013, 61, 2077-2087.	2.4	58
50	Occurrence and potential transfer of mycotoxins in gilthead sea bream and Atlantic salmon by use of novel alternative feed ingredients. Chemosphere, 2015, 128, 314-320.	4.2	58
51	Homologous growth hormone (GH) binding in gilthead sea bream (Sparus aurata). Effect of fasting and refeeding on hepatic GH-binding and plasma somatomedin-like immunoreactivity. Journal of Fish Biology, 1994, 44, 287-301.	0.7	57
52	Nutritional assessment of somatolactin function in gilthead sea bream (Sparus aurata): concurrent changes in somatotropic axis and pancreatic hormones. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2004, 138, 533-542.	0.8	57
53	Molecular profiling of the gilthead sea bream (Sparus aurata L.) response to chronic exposure to the myxosporean parasite Enteromyxum leei. Molecular Immunology, 2011, 48, 2102-2112.	1.0	57
54	Modulation of the IgM gene expression and IgM immunoreactive cell distribution by the nutritional background in gilthead sea bream (Sparus aurata) challenged with Enteromyxum leei (Myxozoa). Fish and Shellfish Immunology, 2012, 33, 401-410.	1.6	56

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55	Dietary oils mediate cortisol kinetics and the hepatic mRNA expression profile of stress-responsive genes in gilthead sea bream (Sparus aurata) exposed to crowding stress. Implications on energy homeostasis and stress susceptibility. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2013, 8, 123-130.	0.4	56
56	Somatotropic Axis Regulation Unravels the Differential Effects of Nutritional and Environmental Factors in Growth Performance of Marine Farmed Fishes. Frontiers in Endocrinology, 2018, 9, 687.	1.5	56
57	Somatotropic regulation of fish growth and adiposity: growth hormone (GH) and somatolactin (SL) relationship. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2001, 130, 435-445.	1.3	55
58	Modifications of intestinal nutrient absorption in response to dietary fish meal replacement by plant protein sources in sea bream (Sparus aurata) and rainbow trout (Onchorynchus mykiss). Aquaculture, 2011, 317, 146-154.	1.7	55
59	Changes in plasma glucagon and insulin associated with fasting in sea bass (Dicentrarchus labrax). Fish Physiology and Biochemistry, 1991, 9, 107-112.	0.9	54
60	The circadian transcriptome of marine fish (Sparus aurata) larvae reveals highly synchronized biological processes at the whole organism level. Scientific Reports, 2017, 7, 12943.	1.6	54
61	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>). PeerJ, 2017, 5, e4001.	0.9	54
62	Gene expression analysis of Atlantic salmon gills reveals mucin 5 and interleukin 4/13 as key molecules during amoebic gill disease. Scientific Reports, 2018, 8, 13689.	1.6	53
63	Acting locally - affecting globally: RNA sequencing of gilthead sea bream with a mild Sparicotyle chrysophrii infection reveals effects on apoptosis, immune and hypoxia related genes. BMC Genomics, 2019, 20, 200.	1.2	53
64	Sex, Age, and Bacteria: How the Intestinal Microbiota Is Modulated in a Protandrous Hermaphrodite Fish. Frontiers in Microbiology, 2019, 10, 2512.	1.5	52
65	Growth hormone as an in vitro phagocyte-activating factor in the gilthead sea bream (Sparus aurata) Tj ETQq1 1 0.784314 rgBT /Ove	1.5	51
66	Assessment of the health and antioxidant trade-off in gilthead sea bream (Sparus aurata L.) fed alternative diets with low levels of contaminants. Aquaculture, 2009, 296, 87-95.	1.7	51
67	Regulation of the somatotropic axis by dietary factors in rainbow trout (Oncorhynchus mykiss). British Journal of Nutrition, 2005, 94, 353-361.	1.2	50
68	Contributions of MS metabolomics to gilthead sea bream (Sparus aurata) nutrition. Serum fingerprinting of fish fed low fish meal and fish oil diets. Aquaculture, 2019, 498, 503-512.	1.7	50
69	Distinct role of insulin and IGF-I and its receptors in white skeletal muscle during the compensatory growth of gilthead sea bream (Sparus aurata). Aquaculture, 2007, 267, 188-198.	1.7	49
70	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.	1.2	49
71	The use of recombinant gilthead sea bream (Sparus aurata) growth hormone for radioiodination and standard preparation in radioimmunoassay. Comparative Biochemistry and Physiology A, Comparative Physiology, 1995, 110, 335-340.	0.7	48
72	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 (Sparus aurata L.). Marine Biotechnology, 2014, 16, 423-435.	1.1	48

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73	Genetic selection for growth drives differences in intestinal microbiota composition and parasite disease resistance in gilthead sea bream. Microbiome, 2020, 8, 168.	4.9	48
74	Production and characterization of recombinantly derived peptides and antibodies for accurate determinations of somatolactin, growth hormone and insulin-like growth factor-I in European sea bass (Dicentrarchus labrax). General and Comparative Endocrinology, 2004, 139, 266-277.	0.8	47
75	Effect of dietary fish meal and fish oil replacement on lipogenic and lipoprotein lipase activities and plasma insulin in gilthead sea bream (Sparus aurata). Aquaculture Nutrition, 2011, 17, 54-63.	1.1	47
76	European Sea Bass (Dicentrarchus labrax) Immune Status and Disease Resistance Are Impaired by Arginine Dietary Supplementation. PLoS ONE, 2015, 10, e0139967.	1.1	47
77	Daily rhythms of clock gene expression and feeding behavior during the larval development in gilthead seabream,<i>Sparus aurata</i>. Chronobiology International, 2015, 32, 1061-1074.	0.9	47
78	Olive oil bioactive compounds increase body weight, and improve gut health and integrity in gilthead sea bream (<i>Sparus aurata</i>). British Journal of Nutrition, 2017, 117, 351-363.	1.2	47
79	Co-expression Analysis of Sirtuins and Related Metabolic Biomarkers in Juveniles of Gilthead Sea Bream (Sparus aurata) With Differences in Growth Performance. Frontiers in Physiology, 2018, 9, 608.	1.3	47
80	Hints on T cell responses in a fish-parasite model: Enteromyxum leei induces differential expression of T cell signature molecules depending on the organ and the infection status. Parasites and Vectors, 2018, 11, 443.	1.0	47
81	Tissue-Specific Orchestration of Gilthead Sea Bream Resilience to Hypoxia and High Stocking Density. Frontiers in Physiology, 2019, 10, 840.	1.3	47
82	Effect of temperature on the metabolism, behaviour and oxygen requirements of Sparus aurata. Aquaculture Environment Interactions, 2015, 7, 115-123.	0.7	47
83	Expression and Characterization of European Sea Bass (Dicentrarchus labrax) Somatolactin: Assessment of In Vivo Metabolic Effects. Marine Biotechnology, 2003, 5, 92-101.	1.1	46
84	The nutritional background of the host alters the disease course in a fishâ€“myxosporean system. Veterinary Parasitology, 2011, 175, 141-150.	0.7	46
85	Changes in adipocyte cell size, gene expression of lipid metabolism markers, and lipolytic responses induced by dietary fish oil replacement in gilthead sea bream (Sparus aurata L.). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2011, 158, 391-399.	0.8	46
86	Immunity to gastrointestinal microparasites of fish. Developmental and Comparative Immunology, 2016, 64, 187-201.	1.0	44
87	In vitro effect of leptin on somatolactin release in the European sea bass (Dicentrarchus labrax): dependence on the reproductive status and interaction with NPY and GnRH. General and Comparative Endocrinology, 2003, 132, 284-292.	0.8	43
88	Co-expression of IGFs and GH receptors (GHRs) in gilthead sea bream (Sparus aurata L.): sequence analysis of the GHR-flanking region. Journal of Endocrinology, 2007, 194, 361-372.	1.2	43
89	Conjugated Linoleic Acid Affects Lipid Composition, Metabolism, and Gene Expression in Gilthead Sea Bream (Sparus aurata L)3. Journal of Nutrition, 2007, 137, 1363-1369.	1.3	43
90	Comprehensive biometric, biochemical and histopathological assessment of nutrient deficiencies in gilthead sea bream fed semi-purified diets. British Journal of Nutrition, 2015, 114, 713-726.	1.2	43

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91	Growth-promoting effects of sustained swimming in fingerlings of gilthead sea bream (Sparus aurata) Tj ETQq1 1 0.784314 rgBT /Overl… 185, 859-868.	0.7	43
92	Wide-targeted gene expression infers tissue-specific molecular signatures of lipid metabolism in fed and fasted fish. Reviews in Fish Biology and Fisheries, 2016, 26, 93-108.	2.4	43
93	Gene Expression Profiling Reveals Functional Specialization along the Intestinal Tract of a Carnivorous Teleostean Fish (Dicentrarchus labrax). Frontiers in Physiology, 2016, 7, 359.	1.3	42
94	Cloning and characterization of a plasminogen-binding enolase from the saliva of the argasid tick Ornithodoros moubata. Veterinary Parasitology, 2013, 191, 301-314.	0.7	41
95	Targets for TNFÎ±-induced lipolysis in gilthead sea bream(<i>Sparus aurata</i> L.) adipocytes isolated from lean and fat juvenile fish. Journal of Experimental Biology, 2009, 212, 2254-2260.	0.8	40
96	SHORT COMMUNICATION Diet related changes in non-specific immune response of European sea bass (Dicentrarchus labrax L.). Fish and Shellfish Immunology, 1999, 9, 637-640.	1.6	39
97	Modelling the predictable effects of dietary lipid sources on the fillet fatty acid composition of one-year-old gilthead sea bream (Sparus aurata L.). Food Chemistry, 2011, 124, 538-544.	4.2	39
98	Tissue-specific gene expression and fasting regulation of sirtuin family in gilthead sea bream (Sparus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf… 2017, 187, 153-163.	0.7	39
99	Endocrine disruptors in the diet of male Sparus aurata: Modulation of the endocannabinoid system at the hepatic and central level by Di-isononyl phthalate and Bisphenol A. Environment International, 2018, 119, 54-65.	4.8	38
100	Modulation of the respiratory burst activity of Mediterranean sea bass (Dicentrarchus labraxL.) phagocytes by growth hormone and parasitic status. Fish and Shellfish Immunology, 1998, 8, 25-36.	1.6	36
101	Recombinant bovine growth hormone (rBGH) enhances somatic growth by regulating the GH-IGF axis in fingerlings of gilthead sea bream (Sparus aurata). General and Comparative Endocrinology, 2018, 257, 192-202.	0.8	36
102	Title is missing!. Fish Physiology and Biochemistry, 2000, 23, 265-273.	0.9	35
103	Comprehensive strategy for pesticide residue analysis through the production cycle of gilthead sea bream and Atlantic salmon. Chemosphere, 2017, 179, 242-253.	4.2	35
104	Recombinant somatolactin as a stable and bioactive protein in a cell culture bioassay: development and validation of a sensitive and reproducible radioimmunoassay. Journal of Endocrinology, 1998, 156, 441-447.	1.2	34
105	Tumour necrosis factor (TNF)Î± as a regulator of fat tissue mass in the Mediterranean gilthead sea bream (Sparus aurata L.). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2007, 146, 338-345.	0.7	34
106	Bioaccumulation of Polycyclic Aromatic Hydrocarbons in Gilthead Sea Bream (Sparus aurata L.) Exposed to Long Term Feeding Trials with Different Experimental Diets. Archives of Environmental Contamination and Toxicology, 2010, 59, 137-146.	2.1	34
107	Plant oils' inclusion in high fish meal-substituted diets: effect on digestion and nutrient absorption in gilthead sea bream (Sparus aurata L.). Aquaculture Research, 2011, 42, 962-974.	0.9	34
108	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.	0.9	34

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109	Protective effects of seaweed supplemented diet on antioxidant and immune responses in European seabass (Dicentrarchus labrax) subjected to bacterial infection. Scientific Reports, 2019, 9, 16134.	1.6	34
110	Tissue-specific gene expression and functional regulation of uncoupling protein 2 (UCP2) by hypoxia and nutrient availability in gilthead sea bream (Sparus aurata): implications on the physiological significance of UCP1â€"3 variants. Fish Physiology and Biochemistry, 2014, 40, 751-762.	0.9	33
111	Fish Growth Hormone Receptor: Molecular Characterization of Two Membrane-Anchored Forms. , 0, .		33
112	Differential metabolic and gene expression profile of juvenile common dentex (Dentex dentex L.) and gilthead sea bream (Sparus aurata L.) in relation to redox homeostasis. Aquaculture, 2007, 267, 213-224.	1.7	32
113	Natural abundance of¹⁵N and¹³C in fish tissues and the use of stable isotopes as dietary protein tracers in rainbow trout and gilthead sea bream. Aquaculture Nutrition, 2009, 15, 9-18.	1.1	32
114	Effects of sustained exercise on GH-IGFs axis in gilthead sea bream (<i>Sparus aurata</i>). American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R313-R322.	0.9	32
115	Ultra-Low Power Sensor Devices for Monitoring Physical Activity and Respiratory Frequency in Farmed Fish. Frontiers in Physiology, 2019, 10, 667.	1.3	32
116	Cloning, Expression, and Characterization of a Recombinant Gilthead Seabream Growth Hormone. General and Comparative Endocrinology, 1994, 96, 179-188.	0.8	30
117	A reliable analytical approach based on gas chromatography coupled to triple quadrupole and timeâ€ofâ€flight mass analyzers for the determination and confirmation of polycyclic aromatic hydrocarbons in complex matrices from aquaculture activities. Rapid Communications in Mass Spectrometry, 2009, 23, 2075-2086.	0.7	30
118	The Use of Defatted Tenebrio molitor Larvae Meal as a Main Protein Source Is Supported in European Sea Bass (Dicentrarchus labrax) by Data on Growth Performance, Lipid Metabolism, and Flesh Quality. Frontiers in Physiology, 2021, 12, 659567.	1.3	30
119	Effects of diet and feeding time on daily variations in plasma insulin, hepatic c-AMP and other metabolites in a teleost fish,Dicentrarchus labrax L.. Fish Physiology and Biochemistry, 1988, 5, 191-197.	0.9	29
120	Immunological and pathological status of gilthead sea bream (Sparus aurata L.) under different long-term feeding regimes. Aquaculture, 2003, 220, 707-724.	1.7	27
121	Dietary sodium heptanoate helps to improve feed efficiency, growth hormone status and swimming performance in gilthead sea bream (<i>Sparus aurata</i>). Aquaculture Nutrition, 2018, 24, 1638-1651.	1.1	27
122	Selection for growth is associated in gilthead sea bream (Sparus aurata) with diet flexibility, changes in growth patterns and higher intestine plasticity. Aquaculture, 2019, 507, 349-360.	1.7	27
123	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
124	Gene expression survey of mitochondrial uncoupling proteins (UCP1/UCP3) in gilthead sea bream (Sparus aurata L.). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2010, 180, 685-694.	0.7	26
125	Genome Sequencing and Transcriptome Analysis Reveal Recent Species-Specific Gene Duplications in the Plastic Gilthead Sea Bream (Sparus aurata). Frontiers in Marine Science, 2019, 6, .	1.2	26
126	Stearoyl-CoA desaturase (scd1a) is epigenetically regulated by broodstock nutrition in gilthead sea bream (Sparus aurata). Epigenetics, 2020, 15, 536-553.	1.3	26

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127	Effect of virgin low density polyethylene microplastic ingestion on intestinal histopathology and microbiota of gilthead sea bream. Aquaculture, 2021, 545, 737245.	1.7	26
128	Untargeted metabolomics approach for unraveling robust biomarkers of nutritional status in fasted gilthead sea bream (Sparus aurata). PeerJ, 2017, 5, e2920.	0.9	26
129	Cross-Talk Between Intestinal Microbiota and Host Gene Expression in Gilthead Sea Bream (Sparus) Tj ETQq1 1 0.784314 rgBT /Overlo in Physiology, 2021, 12, 748265.	1.3	26
130	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 fads2 Gene Promoter in Their Offspring. International Journal of Molecular Sciences, 2019, 20, 6250.	1.8	25
131	cDNA cloning and sequence of European sea bass (Dicentrarchus labrax) somatolactin. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2000, 127, 183-192.	0.7	24
132	Confinement exposure induces glucose regulated protein 75 (GRP75/mortalin/mtHsp70/PBP74/HSPA9B) in the hepatic tissue of gilthead sea bream (Sparus aurata L.). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2008, 149, 428-438.	0.7	24
133	Feed restriction up-regulates uncoupling protein 3 (UCP3) gene expression in heart and red muscle tissues of gilthead sea bream (Sparus aurata L.). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2011, 159, 296-302.	0.8	24
134	Disruption of gut integrity and permeability contributes to enteritis in a fish-parasite model: a story told from serum metabolomics. Parasites and Vectors, 2019, 12, 486.	1.0	24
135	Expression of growth hormone gene in the head kidney of gilthead sea bream (Sparus aurata). The Journal of Experimental Zoology, 1999, 283, 326-330.	1.4	23
136	Effects of fish oil replacement and re-feeding on the bioaccumulation of organochlorine compounds in gilthead sea bream (Sparus aurata L.) of market size. Chemosphere, 2009, 76, 811-817.	4.2	23
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