Jaume PÃ©rez-SÃ¡nchez

List of Publications by Year
in descending order

Version: 2024-02-01

183	9,366	28190	56606
papers	citations	55	83
		h-index	g-index

191	191	191	4955
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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. Frontiers in Marine Science, 2022, 9, .	1.2	7
2	Diet and Host Genetics Drive the Bacterial and Fungal Intestinal Metatranscriptome of Gilthead Sea Bream. Frontiers in Microbiology, 2022, 13, .	1.5	12
3	SeqEditor: an application for primer design and sequence analysis with or without GTF/GFF files. Bioinformatics, 2021, 37, 1610-1612.	1.8	5
4	Effects of genetics and early-life mild hypoxia on size variation in farmed gilthead sea bream (Sparus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	6.9	7
5	Health status in gilthead seabream (Sparus aurata) juveniles fed diets devoid of fishmeal and supplemented with Phaeodactylum tricornutum. Journal of Applied Phycology, 2021, 33, 979-996.	1.5	10
6	The Effects of Nisin-Producing Lactococcus lactis Strain Used as Probiotic on Gilthead Sea Bream (Sparus aurata) Growth, Gut Microbiota, and Transcriptional Response. Frontiers in Marine Science, 2021, 8, .	1.2	21
7	Dietary Histidine, Threonine, or Taurine Supplementation Affects Gilthead Seabream (Sparus aurata) Immune Status. Animals, 2021, 11, 1193.	1.0	6
8	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
9	The Effect of the Deformity Genetic Background of the Breeders on the Spawning Quality of Gilthead Seabream (Sparus aurata L.). Frontiers in Marine Science, 2021, 8, .	1.2	8
10	Targeting the Mild-Hypoxia Driving Force for Metabolic and Muscle Transcriptional Reprogramming of Gilthead Sea Bream (Sparus aurata) Juveniles. Biology, 2021, 10, 416.	1.3	8
11	Use of accelerometer technology for individual tracking of activity patterns, metabolic rates and welfare in farmed gilthead sea bream (Sparus aurata) facing a wide range of stressors. Aquaculture, 2021, 539, 736609.	1.7	11
12	Reshaping of Gut Microbiota in Gilthead Sea Bream Fed Microbial and Processed Animal Proteins as the Main Dietary Protein Source. Frontiers in Marine Science, 2021, 8, .	1.2	18
13	Physiological trade-offs associated with fasting weight loss, resistance to exercise and behavioral traits in farmed gilthead sea bream (Sparus aurata) selected by growth. Aquaculture Reports, 2021, 20, 100645.	0.7	9
14	Diet and Exercise Modulate GH-IGFs Axis, Proteolytic Markers and Myogenic Regulatory Factors in Juveniles of Gilthead Sea Bream (Sparus aurata). Animals, 2021, 11, 2182.	1.0	7
15	Transcriptomic profiling of Gh/Igf system reveals a prompted tissue-specific differentiation and novel hypoxia responsive genes in gilthead sea bream. Scientific Reports, 2021, 11, 16466.	1.6	7
16	A Novel Miniaturized Biosensor for Monitoring Atlantic Salmon Swimming Activity and Respiratory Frequency. Animals, 2021, 11, 2403.	1.0	8
17	Genetic parameters for Photobacterium damselae subsp. piscicida resistance, immunological markers and body weight in gilthead seabream (Sparus aurata). Aquaculture, 2021, 543, 736892.	1.7	5
18	Effect of virgin low density polyethylene microplastic ingestion on intestinal histopathology and microbiota of gilthead sea bream. Aquaculture, 2021, 545, 737245.	1.7	26

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19	Reverse-Transcribing Viruses (Belpaoviridae, Metaviridae, and Pseudoviridae). , 2021, , 653-666.		0
20	Cross-Talk Between Intestinal Microbiota and Host Gene Expression in Gilthead Sea Bream (Sparus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 in Physiology, 2021, 12, 748265.	1.3	26
21	Modulation of Gilthead Sea Bream Gut Microbiota by a Bioactive Egg White Hydrolysate: Interactions Between Bacteria and Host Lipid Metabolism. Frontiers in Marine Science, 2021, 8, .	1.2	9
22	Stearoyl-CoA desaturase (scd1a) is epigenetically regulated by broodstock nutrition in gilthead sea bream (Sparus aurata). Epigenetics, 2020, 15, 536-553.	1.3	26
23	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
24	Physiological Effects of Water Flow Induced Swimming Exercise in Seabream Sparus aurata. Frontiers in Physiology, 2020, 11, 610049.	1.3	22
25	Long-term feeding of a maintenance ration affects the release of Igf-1 and leptin, and delays maturation in a male teleost fish, Dicentrarchus labrax L.. Aquaculture, 2020, 527, 735467.	1.7	9
26	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. Computers and Electronics in Agriculture, 2020, 175, 105531.	3.7	14
27	Local DNA methylation helps to regulate muscle sirtuin 1 gene expression across seasons and advancing age in gilthead sea bream (Sparus aurata). Frontiers in Zoology, 2020, 17, 15.	0.9	9
28	No transfer of the non-regulated mycotoxins, beauvericin and enniatins, from feeds to farmed fish reared on plant-based diets. Food Chemistry, 2020, 323, 126773.	4.2	12
29	Tissue-Specific Orchestration of Gilthead Sea Bream Resilience to Hypoxia and High Stocking Density. Frontiers in Physiology, 2019, 10, 840.	1.3	47
30	Dietary tryptophan supplementation induces a transient immune enhancement of gilthead seabream (Sparus aurata) juveniles fed fishmeal-free diets. Fish and Shellfish Immunology, 2019, 93, 240-250.	1.6	11
31	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
32	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
33	Effects of diisononyl phthalate (DiNP) on the endocannabinoid and reproductive systems of male gilthead sea bream (Sparus aurata) during the spawning season. Archives of Toxicology, 2019, 93, 727-741.	1.9	20
34	Effects of Dietary Bisphenol A on the Reproductive Function of Gilthead Sea Bream (Sparus aurata) Testes. International Journal of Molecular Sciences, 2019, 20, 5003.	1.8	15
35	Ultra-Low Power Sensor Devices for Monitoring Physical Activity and Respiratory Frequency in Farmed Fish. Frontiers in Physiology, 2019, 10, 667.	1.3	32
36	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

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37	A long-term growth hormone treatment stimulates growth and lipolysis in gilthead sea bream juveniles. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 232, 67-78.	0.8	18
38	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
39	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
40	Sex, Age, and Bacteria: How the Intestinal Microbiota Is Modulated in a Protandrous Hermaphrodite Fish. Frontiers in Microbiology, 2019, 10, 2512.	1.5	52
41	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
42	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
43	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
44	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
45	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
46	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
47	Impact of Diets Containing Plant Raw Materials as Fish Meal and Fish Oil Replacement on Rainbow Trout (Oncorhynchus mykiss), Gilthead Sea Bream (Sparus aurata), and Common Carp (Cyprinus carpio) Freshness. Journal of Food Quality, 2018, 2018, 1-14.	1.4	13
48	Comprehensive overview of feedâ€toâ€fillet transfer of new and traditional contaminants in Atlantic salmon and gilthead sea bream fed plantâ€based diets. Aquaculture Nutrition, 2018, 24, 1782-1795.	1.1	18
49	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
50	Ghrelin and Its Receptors in Gilthead Sea Bream: Nutritional Regulation. Frontiers in Endocrinology, 2018, 9, 399.	1.5	17
51	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
52	Dietary sodium heptanoate helps to improve feed efficiency, growth hormone status and swimming performance in gilthead sea bream (Sparus aurata). Aquaculture Nutrition, 2018, 24, 1638-1651.	1.1	27
53	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
54	Olive oil bioactive compounds increase body weight, and improve gut health and integrity in gilthead sea bream (Sparus aurata). British Journal of Nutrition, 2017, 117, 351-363.	1.2	47

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55	Dietary supplementation of heat-treatedGracilariaandUlvaseaweeds enhanced acute hypoxia tolerance in gilthead seabream (Sparus aurata). Biology Open, 2017, 6, 897-908.	0.6	79
56	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. Talanta, 2017, 172, 109-119.	2.9	20
57	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
58	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
59	Tissue-specific gene expression and fasting regulation of sirtuin family in gilthead sea bream (Sparus) Tj ETQq1 1 0.784314 rgBT /Ove 2017, 187, 153-163.	0.7	39
60	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
61	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
62	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
63	Untargeted metabolomics approach for unraveling robust biomarkers of nutritional status in fasted gilthead sea bream (Sparus aurata). PeerJ, 2017, 5, e2920.	0.9	26
64	Sodium salt medium-chain fatty acids andBacillus-based probiotic strategies to improve growth and intestinal health of gilthead sea bream (Sparus aurata). PeerJ, 2017, 5, e4001.	0.9	54
65	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
66	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
67	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
68	Up-scaling validation of a dummy regression approach for predictive modelling the fillet fatty acid composition of cultured European sea bass (Dicentrarchus labrax). Aquaculture Research, 2016, 47, 1067-1074.	0.9	7
69	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
70	Effects of sustained exercise on GH-IGFs axis in gilthead sea bream (Sparus aurata). American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R313-R322.	0.9	32
71	Cimetidine disrupts the renewal of testicular cells and the steroidogenesis in a hermaphrodite fish. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2016, 189, 44-53.	1.3	5
72	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 ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	1.2	91

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73	Immunity to gastrointestinal microparasites of fish. Developmental and Comparative Immunology, 2016, 64, 187-201.	1.0	44
74	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
75	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
76	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
77	European Sea Bass (Dicentrarchus labrax) Immune Status and Disease Resistance Are Impaired by Arginine Dietary Supplementation. PLoS ONE, 2015, 10, e0139967.	1.1	47
78	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
79	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
80	Growth-promoting effects of sustained swimming in fingerlings of gilthead sea bream (Sparus aurata) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 185, 859-868.	0.7	43
81	Daily rhythms of clock gene expression and feeding behavior during the larval development in gilthead seabream,Sparus aurata. Chronobiology International, 2015, 32, 1061-1074.	0.9	47
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	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
84	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
85	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
86	Acute stress response in gilthead sea bream (Sparus aurataL.) is time-of-day dependent: Physiological and oxidative stress indicators. Chronobiology International, 2014, 31, 1051-1061.	0.9	34
87	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
88	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
89	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. Aquaculture Nutrition, 2014, 20, 421-430.	1.1	10
90	Wide-gene expression analysis of lipid-relevant genes in nutritionally challenged gilthead sea bream (Sparus aurata). Gene, 2014, 547, 34-42.	1.0	61

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91	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
92	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
93	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
94	Can a parasitic infection modulate the expression of interleukin genes in a fish-myxozoan system?. Fish and Shellfish Immunology, 2013, 34, 1672.	1.6	3
95	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
96	Effect of ration size on fillet fatty acid composition, phospholipid allostasis and mRNA expression patterns of lipid regulatory genes in gilthead sea bream (Sparus aurata). British Journal of Nutrition, 2013, 109, 1175-1187.	1.2	49
97	Mucins as Diagnostic and Prognostic Biomarkers in a Fish-Parasite Model: Transcriptional and Functional Analysis. PLoS ONE, 2013, 8, e65457.	1.1	97
98	Dietary Lipid Sources as a Means of Changing Fatty Acid Composition in Fish: Implications for Food Fortification. , 2013, , 41-54.		7
99	Effect of nutrition and Enteromyxum leei infection on gilthead sea bream Sparus aurata intestinal carbohydrate distribution. Diseases of Aquatic Organisms, 2012, 100, 29-42.	0.5	19
100	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
101	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
102	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
103	Prediction of fillet fatty acid composition of market-size gilthead sea bream (Sparus aurata) using a regression modelling approach. Aquaculture, 2011, 319, 81-88.	1.7	21
104	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
105	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
106	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
107	The nutritional background of the host alters the disease course in a fishâ€“myxosporean system. Veterinary Parasitology, 2011, 175, 141-150.	0.7	46
108	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

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109	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
110	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
111	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
112	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
113	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
114	Gas chromatographyâ€“mass spectrometric determination of polybrominated diphenyl ethers in complex fatty matrices from aquaculture activities. Analytica Chimica Acta, 2010, 664, 190-198.	2.6	21
115	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
116	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
117	Dynamics of liver GH/IGF axis and selected stress markers in juvenile gilthead sea bream (Sparus) Tj ETQq1 1 0.784314 rgBT /Overlock 1 & Integrative Physiology, 2009, 154, 197-203.	0.8	85
118	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
119	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
120	Dietary effects on insulin and glucagon plasma levels in rainbow trout (Oncorhynchus mykiss) and gilthead sea bream (Sparus aurata). Aquaculture Nutrition, 2009, 15, 166-176.	1.1	6
121	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
122	The time course of fish oil wash-out follows a simple dilution model in gilthead sea bream (Sparus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	69
123	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
124	Targets for TNFÎ±-induced lipolysis in gilthead sea bream(Sparus aurata L.) adipocytes isolated from lean and fat juvenile fish. Journal of Experimental Biology, 2009, 212, 2254-2260.	0.8	40
125	Time series analyses of sea bream (Sparus aurata L.) stress response after confinement exposure. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 151, S41.	0.8	1
126	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

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127	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
128	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
129	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
130	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
131	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
132	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
133	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
134	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
135	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
136	Insulin regulation of lipoprotein lipase (LPL) activity and expression in gilthead sea bream (Sparus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 151-159.	0.7	95
137	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
138	Bacteria associated with winter mortalities in laboratory-reared common dentex (Dentex dentex L.). Aquaculture Research, 2007, 38, 733-739.	0.9	16
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