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List of Publications by Year
in descending order

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27 papers	1,578 citations	279701 23 h-index	552653 26 g-index
28 all docs	28 docs citations	28 times ranked	1425 citing authors

#	Article	IF	Citations
1	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 tissues. British Journal of Nutrition, 2008, 100, 992-1003.	1.2	166
2	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
3	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
4	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
5	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	1.7	91
6	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
7	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
8	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
9	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
10	Wide-gene expression analysis of lipid-relevant genes in nutritionally challenged gilthead sea bream (Sparus aurata). Gene, 2014, 547, 34-42.	1.0	61
11	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
12	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
13	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
14	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
15	The nutritional background of the host alters the disease course in a fishâ€“myxosporean system. Veterinary Parasitology, 2011, 175, 141-150.	0.7	46
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	Dietary Lipid Sources as a Means of Changing Fatty Acid Composition in Fish: Implications for Food Fortification. , 2013, , 41-54.		7