Pedro GÃ³mez-Requeni

List of Publications by Year
in descending order

26 papers	1,974 citations	331642 21 h-index	552766 26 g-index
26 all docs	26 docs citations	26 times ranked	1779 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.	3.5	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.	3.5	338
3	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.	3.5	142
4	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.	2.7	126
5	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.	1.6	83
6	A reference growth curve for nutritional experiments in zebrafish (Danio rerio) and changes in whole body proteome during development. Fish Physiology and Biochemistry, 2010, 36, 1199-1215.	2.3	77
7	Dietary methionine level affects growth performance and hepatic gene expression of GHâ€“IGF system and protein turnover regulators in rainbow trout (Oncorhynchus mykiss) fed plant protein-based diets. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2015, 181, 33-41.	1.6	76
8	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.	2.3	70
9	1H NMR-based metabolomics studies on the effect of sesamin in Atlantic salmon (Salmo salar). Food Chemistry, 2014, 147, 98-105.	8.2	70
10	Dietary protein hydrolysates and free amino acids affect the spatial expression of peptide transporter PepT1 in the digestive tract of Atlantic cod (Gadus morhua). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2010, 156, 48-55.	1.6	69
11	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.	1.8	65
12	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.	1.8	57
13	Effects of increasing the dietary lipid levels on the growth performance, body composition and digestive enzyme activities of the teleost pejerrey (Odontesthes bonariensis). Aquaculture, 2013, 416-417, 15-22.	3.5	52
14	Regulation of the somatotropic axis by dietary factors in rainbow trout (Oncorhynchus mykiss). British Journal of Nutrition, 2005, 94, 353-361.	2.3	50
15	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.	3.5	49
16	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.	1.8	47
17	Expression and Characterization of European Sea Bass (Dicentrarchus labrax) Somatolactin: Assessment of In Vivo Metabolic Effects. Marine Biotechnology, 2003, 5, 92-101.	2.4	46
18	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.	1.8	43

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19	Decontaminated fishmeal and fish oil from the Baltic Sea are promising feed sources for Arctic char (Salvelinus alpinus L.)â€"studies of flesh lipid quality and metabolic profile. European Journal of Lipid Science and Technology, 2016, 118, 862-873.	1.5	28
20	Regulation of somatic growth and gene expression of the GHâ€"IGF system and PRP-PACAP by dietary lipid level in early juveniles of a teleost fish, the pejerrey (Odontesthes bonariensis). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2012, 182, 517-530.	1.5	27
21	Whole body proteome response to a dietary lysine imbalance in zebrafish Danio rerio. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2011, 6, 178-186.	1.0	25
22	Dietary Lysine Imbalance Affects Muscle Proteome in Zebrafish (Danio rerio): A Comparative 2D-DIGE Study. Marine Biotechnology, 2012, 14, 643-654.	2.4	16
23	Influence of water salinity on genes implicated in somatic growth, lipid metabolism and food intake in Pejerrey (Odontesthes bonariensis). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2017, 210, 29-38.	1.6	16
24	1H NMR-Based Metabolomics and Lipid Analyses Revealed the Effect of Dietary Replacement of Microbial Extracts or Mussel Meal with Fish Meal to Arctic Charr (Salvelinus alpinus). Fishes, 2019, 4, 46.	1.7	16
25	Increasing levels of dietary crystalline methionine affect plasma methionine profiles, ammonia excretion, and the expression of genes related to the hepatic intermediary metabolism in rainbow trout (Oncorhynchus mykiss). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2016, 198, 91-99.	1.6	12
26	The Dietary Lipid Content Affects the Tissue Gene Expression of Muscle Growth Biomarkers and the GH/IGF System of Pejerrey (Odontesthes bonariensis) Juveniles. Fishes, 2019, 4, 37.	1.7	5