Alfonso Saera-Vila

List of Publications by Year
in descending order

27 papers	1,333 citations	394286 19 h-index	580701 25 g-index
29 all docs	29 docs citations	29 times ranked	1304 citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	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
5	Dynamics of liver GH/IGF axis and selected stress markers in juvenile gilthead sea bream (Sparus) Tj ETQq1 1 0.784314 rgBT /Overlock & Integrative Physiology, 2009, 154, 197-203.	0.8	85
6	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
7	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
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.	0.9	70
9	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
10	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
11	Autophagy regulates cytoplasmic remodeling during cell reprogramming in a zebrafish model of muscle regeneration. Autophagy, 2016, 12, 1864-1875.	4.3	54
12	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
13	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
14	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
15	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
16	Fgf regulates dedifferentiation during skeletal muscle regeneration in adult zebrafish. Cellular Signalling, 2016, 28, 1196-1204.	1.7	38
17	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
18	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

#	Article	IF	Citations
19	Myocyte Dedifferentiation Drives Extraocular Muscle Regeneration in Adult Zebrafish. , 2015, 56, 4977.		32
20	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
21	Extraocular muscle regeneration in zebrafish requires late signals from Insulin-like growth factors. PLoS ONE, 2018, 13, e0192214.	1.1	12
22	Midkine-a functions as a universal regulator of proliferation during epimorphic regeneration in adult zebrafish. PLoS ONE, 2020, 15, e0232308.	1.1	12
23	Temporally distinct transcriptional regulation of myocyte dedifferentiation and Myofiber growth during muscle regeneration. BMC Genomics, 2017, 18, 854.	1.2	9
24	Automated Scalable Heat Shock Modification for Standard Aquatic Housing Systems. Zebrafish, 2015, 12, 312-314.	0.5	6
25	Autophagy in Zebrafish Extraocular Muscle Regeneration. Methods in Molecular Biology, 2018, 1854, 105-117.	0.4	2
26	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
27	Abstract 2541: Zebrafish adult cell dedifferentiation as a noncancer model of cancer. , 2016, , .		0