Gonzalo Martinez-Rodriguez

List of Publications by Year in Descending Order

137 papers	3,134 citations	34 h-index	47 g-index
142 ext. papers	3,664 ext. citations	3.4 avg, IF	5.12 L-index

#	Paper	IF	Citations
137	Nanotechnology in aquaculture: Applications, perspectives and regulatory challenges. *Aquaculture and Fisheries*, **2022**, 7, 185-200	2.9	3
136	Ontogeny and diurnal patterns of molecular gene expression and activity of digestive enzymes in developing greater amberjack. *Aquaculture*, **2021**, 534, 736330	4.4	1
135	Feeding Protocol Modulates the Digestive Process in Senegalese Sole (Solea senegalensis) Juveniles. *Frontiers in Marine Science*, **2021**, 8,	4.5	1
134	The effect of different co-feeding protocols on greater amberjack (Seriola dumerili, Risso 1810) larvae. *Aquaculture Nutrition*, **2021**, 27, 1761-1776	3.2	1
133	Dietary aflatoxin B1 (AFB1) reduces growth performance, impacting growth axis, metabolism, and tissue integrity in juvenile gilthead sea bream (Sparus aurata). *Aquaculture*, **2021**, 533, 736189	4.4	8
132	Daily rhythms of intestinal cholecystokinin and pancreatic proteases activity in Senegalese sole juveniles with diurnal and nocturnal feeding. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2021**, 253, 110868	2.6	2
131	The digestive function of gilthead seabream juveniles in relation to feeding frequency. *Aquaculture*, **2021**, 531, 735867	4.4	12
130	Aflatoxicosis Dysregulates the Physiological Responses to Crowding Densities in the Marine Teleost Gilthead Seabream (). *Animals*, **2021**, 11,	3.1	3
129	Dysregulation of Intestinal Physiology by Aflatoxicosis in the Gilthead Seabream ().. *Frontiers in Physiology*, **2021**, 12, 741192	4.6	1
128	Daily rhythms in endocrine factors of the somatotropic axis and their receptors in gilthead sea bream (Sparus aurata) larvae. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2020**, 250, 110793	2.6	0
127	A natural additive in the diet to improve growth and reduce energy expenditure of gilthead seabream (Sparus aurata L.): Attenuation of high stocking density stress responses. *Aquaculture*, **2020**, 524, 735263	4.4	10
126	New Perspectives Related to the Bioluminescent System in Dinoflagellates: , a Case Study. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	2
125	Stress under the sun: Effects of exposure to low concentrations of UV-filter 4- methylbenzylidene camphor (4-MBC) in a marine bivalve filter feeder, the Manila clam Ruditapes philippinarum. *Aquatic Toxicology*, **2020**, 221, 105418	5.1	7
124	Ontogeny of Expression and Activity of Digestive Enzymes and Establishment of / Axis in the Omnivorous Fish. *Animals*, **2020**, 10,	3.1	9
123	Development of New Antiproliferative Compound against Human Tumor Cells from the Marine Microalgae by Applied Proteomics. *International Journal of Molecular Sciences*, **2020**, 22,	6.3	3
122	Quercetin attenuates endocrine and metabolic responses to oxytetracycline in silver catfish (Rhamdia quelen). *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2020**, 238, 108864	3.2	1
121	Advances and challenges in genetic engineering of microalgae. *Reviews in Aquaculture*, **2020**, 12, 365-381	8.9	27

120	Effect of feeding time and frequency on gut transit and feed digestibility in two fish species with different feeding behaviours, gilthead seabream and Senegalese sole. *Aquaculture*, **2019**, 513, 734438	4.4	23
119	Dietary Tryptophan Induces Opposite Health-Related Responses in the Senegalese Sole () Reared at Low or High Stocking Densities With Implications in Disease Resistance. *Frontiers in Physiology*, **2019**, 10, 508	4.6	8
118	Aroclor 1254 inhibits vasotocinergic pathways related to osmoregulatory and stress functions in the gilthead sea bream (Sparus aurata, Linnaeus 1758). *Aquatic Toxicology*, **2019**, 212, 98-109	5.1	3
117	Molecular basis of the digestive functionality in developing Persian sturgeon (Acipenser persicus) larvae: additional clues for its phylogenetic status. *Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology*, **2019**, 189, 367-383	2.2	3
116	Arginine Vasotocin and Cortisol Co-regulate Vasotocinergic, Isotocinergic, Stress, and Thyroid Pathways in the Gilthead Sea Bream (). *Frontiers in Physiology*, **2019**, 10, 261	4.6	10
115	Involvement of HPI-axis in anesthesia with Lippia alba essential oil citral and linalool chemotypes: gene expression in the secondary responses in silver catfish. *Fish Physiology and Biochemistry*, **2019**, 45, 155-166	2.7	15
114	Transport and Recovery of Gilthead Seabream (L.) Sedated With Clove Oil and MS-222: Effects on Stress Axis Regulation and Intermediary Metabolism. *Frontiers in Physiology*, **2019**, 10, 612	4.6	11
113	Brain and Pituitary Response to Vaccination in Gilthead Seabream (L.). *Frontiers in Physiology*, **2019**, 10, 717	4.6	3
112	GABAa receptor subunits expression in silver catfish (Rhamdia quelen) brain and its modulation by Nectandra grandiflora Nees essential oil and isolated compounds. *Behavioural Brain Research*, **2019**, 376, 112178	3.4	1
111	An "omic" approach to Pyrocystis lunula: New insights related with this bioluminescent dinoflagellate. *Journal of Proteomics*, **2019**, 209, 103502	3.9	9
110	Contribution of Non-canonical Cortisol Actions in the Early Modulation of Glucose Metabolism of Gilthead Sea Bream (). *Frontiers in Endocrinology*, **2019**, 10, 779	5.7	3
109	Impact of deoxynivalenol on rainbow trout: Growth performance, digestibility, key gene expression regulation and metabolism. *Aquaculture*, **2018**, 490, 362-372	4.4	16
108	The Digestive Function in Developing Fish Larvae and Fry. From Molecular Gene Expression to Enzymatic Activity **2018**, 51-86		12
107	Gene expression of thyrotropin- and corticotrophin-releasing hormones is regulated by environmental salinity in the euryhaline teleost Sparus aurata. *Fish Physiology and Biochemistry*, **2018**, 44, 615-628	2.7	11
106	Myrcia sylvatica essential oil mitigates molecular, biochemical and physiological alterations in Rhamdia quelen under different stress events associated to transport. *Research in Veterinary Science*, **2018**, 117, 150-160	2.5	22
105	Osmoregulatory role of vasotocinergic and isotocinergic systems in the gilthead sea bream (Sparus aurata L). *General and Comparative Endocrinology*, **2018**, 257, 177-183	3	8
104	Unraveling vasotocinergic, isotocinergic and stress pathways after food deprivation and high stocking density in the gilthead sea bream. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2018**, 215, 35-44	2.6	11
103	In silico analysis and effects of environmental salinity in the expression and activity of digestive amylase and trypsins from the euryhaline crab Neohelice granulata. *Canadian Journal of Zoology*, **2018**, 96, 127-139	1.5	2

102	Impact of Air Exposure on Vasotocinergic and Isotocinergic Systems in Gilthead Sea Bream (): New Insights on Fish Stress Response. *Frontiers in Physiology*, **2018**, 9, 96	4.6	44
101	Effect of different salinities on gene expression and activity of digestive enzymes in the thick-lipped grey mullet (Chelon labrosus). *Fish Physiology and Biochemistry*, **2018**, 44, 349-373	2.7	8
100	Modelling digestive hydrolysis of nutrients in fish using factorial designs and desirability function. *PLoS ONE*, **2018**, 13, e0206556	3.7	12
99	The effect of starvation and re-feeding on vasotocinergic and isotocinergic pathways in immature gilthead sea bream (Sparus aurata). *Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology*, **2017**, 187, 945-958	2.2	8
98	Effects of prebiotic mannan oligosaccharide on the growth, survival, and anxiety-like behaviors of zebrafish (Danio rerio). *Journal of Applied Aquaculture*, **2017**, 29, 183-196	0.8	4
97	Estimating the effect of different factors on the digestive bioaccessibility of protein by the Senegalese sole (Solea senegalensis); combination of response surface methodology and in vitro assays. *Aquaculture*, **2017**, 477, 28-34	4.4	11
96	Molecular performance of Prl and Gh/Igf1 axis in the Mediterranean meager, Argyrosomus regius, acclimated to different rearing salinities. *Fish Physiology and Biochemistry*, **2017**, 43, 203-216	2.7	17
95	The circadian transcriptome of marine fish (Sparus aurata) larvae reveals highly synchronized biological processes at the whole organism level. *Scientific Reports*, **2017**, 7, 12943	4.9	17
94	Carbohydrates digestion and metabolism in the spiny lobster (): biochemical indication for limited carbohydrate utilization. *PeerJ*, **2017**, 5, e3975	3.1	8
93	Characterization of the peripheral thyroid system of gilthead seabream acclimated to different ambient salinities. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2017**, 203, 24-31	2.6	12
92	Insulin-like growth factor 1 (IGF-1) regulates prolactin, growth hormone, and IGF-1 receptor expression in the pituitary gland of the gilthead sea bream Sparus aurata. *Fish Physiology and Biochemistry*, **2016**, 42, 365-77	2.7	10
91	Cloning and molecular ontogeny of digestive enzymes in fed and food-deprived developing gilthead seabream (Sparus aurata) larvae. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2016**, 191, 53-65	2.3	23
90	Vitellogenin expression in wild cyprinid Petroleuciscus esfahani as a biomarker of endocrine disruption along the Zayandeh Roud River, Iran. *Chemosphere*, **2016**, 144, 1342-50	8.4	12
89	Unraveling the Tissue-Specific Gene Signatures of Gilthead Sea Bream (Sparus aurata L.) after Hyper- and Hypo-Osmotic Challenges. *PLoS ONE*, **2016**, 11, e0148113	3.7	15
88	Molecular, Biochemical, and Dietary Regulation Features of □Amylase in a Carnivorous Crustacean, the Spiny Lobster Panulirus argus. *PLoS ONE*, **2016**, 11, e0158919	3.7	10
87	Potential effect of increasing the water content in the digestibility of microdiets for fish larvae. *Aquaculture Nutrition*, **2016**, 22, 1116-1125	3.2	2
86	Molecular endocrine changes of Gh/Igf1 axis in gilthead sea bream (Sparus aurata L.) exposed to different environmental salinities during larvae to post-larvae stages. *Fish Physiology and Biochemistry*, **2016**, 42, 1177-86	2.7	3
85	Daily rhythms of digestive enzyme activity and gene expression in gilthead seabream (Sparus aurata) during ontogeny. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2016**, 197, 43-51	2.6	34

84	Sedative effect of 2-phenoxyethanol and essential oil of Lippia alba on stress response in gilthead sea bream (Sparus aurata). *Research in Veterinary Science*, **2015**, 103, 20-7	2.5	37
83	Daily rhythms of clock gene expression and feeding behavior during the larval development in gilthead seabream, Sparus aurata. *Chronobiology International*, **2015**, 32, 1061-74	3.6	25
82	Starving/re-feeding processes induce metabolic modifications in thick-lipped grey mullet (Chelon labrosus, Risso 1827). *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2015**, 180, 57-67	2.3	16
81	Acclimation to different environmental salinities induces molecular endocrine changes in the GH/IGF-I axis of juvenile gilthead sea bream (Sparus aurata L.). *Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology*, **2015**, 185, 87-101	2.2	11
80	The influence of stocking density and food deprivation in silver catfish (Rhamdia quelen): A metabolic and endocrine approach. *Aquaculture*, **2015**, 435, 257-264	4.4	53
79	Trypsin isozymes in the lobster Panulirus argus (Latreille, 1804): from molecules to physiology. *Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology*, **2015**, 185, 17-35	2.2	14
78	Influence of stocking density on growth, metabolism and stress of thick- lipped grey mullet (Chelon labrosus) juveniles. *Aquaculture*, **2015**, 448, 29-37	4.4	45
77	AVT and IT regulate ion transport across the opercular epithelium of killifish (Fundulus heteroclitus) and gilthead sea bream (Sparus aurata). *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2015**, 182, 93-101	2.6	15
76	Citrate gold nanoparticle exposure in the marine bivalve Ruditapes philippinarum: uptake, elimination and oxidative stress response. *Environmental Science and Pollution Research*, **2015**, 22, 17414-24	5.1	46
75	Stress response in silver catfish (Rhamdia quelen) exposed to the essential oil of Hesperozygis ringens. *Fish Physiology and Biochemistry*, **2015**, 41, 129-38	2.7	26
74	Vasotocin and isotocin regulate aquaporin 1 function in the sea bream. *Journal of Experimental Biology*, **2015**, 218, 684-93	3	20
73	Cortisol modulates vasotocinergic and isotocinergic pathways in the gilthead sea bream. *Journal of Experimental Biology*, **2015**, 218, 316-25	3	23
72	Design of solar collector networks for industrial applications. *Applied Thermal Engineering*, **2014**, 70, 1238-1245	5.8	13
71	Effect of feeding frequency on the daily rhythms of acidic digestion in a teleost fish (gilthead seabream). *Chronobiology International*, **2014**, 31, 1024-33	3.6	20
70	Different stressors induce differential responses of the CRH-stress system in the gilthead sea bream (Sparus aurata). *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2014**, 177, 49-61	2.6	42
69	Variations in the expression of vasotocin and isotocin receptor genes in the gilthead sea bream Sparus aurata during different osmotic challenges. *General and Comparative Endocrinology*, **2014**, 197, 5-17	3	35
68	The effects of ammonia and water hardness on the hormonal, osmoregulatory and metabolic responses of the freshwater silver catfish Rhamdia quelen. *Aquatic Toxicology*, **2014**, 152, 341-52	5.1	37
67	Ontogeny and functional histochemistry of the digestive and visual systems and other organs during the larval development of the thick-lipped grey mullet, Chelon labrosus. *Scientia Marina*, **2014**, 78, 473-491	1.8	7

66	Different early weaning protocols in common sole (Solea solea L.) larvae: Implications on the performances and molecular ontogeny of digestive enzyme precursors. *Aquaculture*, **2013**, 414-415, 26-35	4.4	27
65	Effects of dietary arachidonic acid on cortisol production and gene expression in stress response in Senegalese sole (Solea senegalensis) post-larvae. *Fish Physiology and Biochemistry*, **2013**, 39, 1223-38	2.7	26
64	AVT is involved in the regulation of ion transport in the intestine of the sea bream (Sparus aurata). *General and Comparative Endocrinology*, **2013**, 193, 221-8	3	25
63	Vasotocinergic and isotocinergic systems in the gilthead sea bream (Sparus aurata): an osmoregulatory story. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2013**, 166, 571-81	2.6	27
62	Sperm production and quality in brill Scophthalmus rhombus L.: relation to circulating sex steroid levels. *Fish Physiology and Biochemistry*, **2013**, 39, 215-20	2.7	6
61	Subfunctionalization of POMC paralogues in Senegalese sole (Solea senegalensis). *General and Comparative Endocrinology*, **2012**, 175, 407-15	3	19
60	Teleost fish larvae adapt to dietary arachidonic acid supply through modulation of the expression of lipid metabolism and stress response genes. *British Journal of Nutrition*, **2012**, 108, 864-74	3.6	61
59	Cloning and expression pattern of facilitative glucose transporter 1 (GLUT1) in gilthead sea bream Sparus aurata in response to salinity acclimation. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2012**, 163, 38-46	2.6	18
58	Changes in membrane lipids and carotenoids during light acclimation in a marine cyanobacterium Synechococcus sp. *Journal of Biosciences*, **2012**, 37, 635-45	2.3	11
57	Acidic digestion in a teleost: postprandial and circadian pattern of gastric pH, pepsin activity, and pepsinogen and proton pump mRNAs expression. *PLoS ONE*, **2012**, 7, e33687	3.7	59
56	Assessment of tools for marker-assisted selection in a marine commercial species: significant association between MSTN-1 gene polymorphism and growth traits. *Scientific World Journal, The*, **2012**, 2012, 369802	2.2	19
55	Transcriptomic characterization of the larval stage in gilthead seabream (Sparus aurata) by 454 pyrosequencing. *Marine Biotechnology*, **2012**, 14, 423-35	3.4	33
54	Food deprivation induces chronic stress and affects thyroid hormone metabolism in Senegalese sole (Solea senegalensis) post-larvae. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2012**, 162, 317-22	2.6	19
53	Molecular phylogeny of the genera Palaemon and Palaemonetes (Decapoda, Caridea, Palaemonidae) from a European perspective. *Crustaceana*, **2012**, 85, 877-888	0.4	13
52	Dietary protein quality differentially regulates trypsin enzymes at the secretion and transcription level in Panulirus argus by distinct signaling pathways. *Journal of Experimental Biology*, **2012**, 215, 853-62	3	23
51	Endocrine and milt response of Senegalese sole, Solea senegalensis, males maintained in captivity. *Theriogenology*, **2011**, 75, 1-9	2.8	24
50	Characterization of two Synechococcus sp. PCC7002-related cyanobacterial strains in relation to 16S rDNA, crtR gene, lipids and pigments. *Phycological Research*, **2011**, 59, 147-155	1.3	7
49	Chronic and acute stress responses in Senegalese sole (Solea senegalensis): the involvement of cortisol, CRH and CRH-BP. *General and Comparative Endocrinology*, **2011**, 171, 203-10	3	52

48	Use of blubber levels of progesterone to determine pregnancy in free-ranging live cetaceans. *Marine Biology*, **2011**, 158, 1677-1680	2.5	34
47	New members of the brachyurins family in lobster include a trypsin-like enzyme with amino acid substitutions in the substrate-binding pocket. *FEBS Journal*, **2010**, 277, 3489-501	5.7	14
46	In vitro digestion of protein sources by crude enzyme extracts of the spiny lobster Panulirus argus (Latreille, 1804) hepatopancreas with different trypsin isoenzyme patterns. *Aquaculture*, **2010**, 310, 178-185	2.4	25
45	Melatonin, vasotocin and isotocin as biomarkers of the condition of fish. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2010**, 157, S18	2.6	5
44	Hypothalamic arginine vasotocin and isotocin are involved in stress response in fish. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2009**, 154, S26	2.6	7
43	Isolation and characterization of microsatellites from Seriola dumerili (Risso 1810). *Aquaculture Research*, **2009**, 40, 249-251	1.9	3
42	Melatonin concentrations during larval and postlarval development of gilthead sea bream Sparus auratus: more than a time-keeping molecule?. *Journal of Fish Biology*, **2009**, 75, 142-55	1.9	3
41	Gene and protein expression for prolactin, growth hormone and somatolactin in Sparus aurata: seasonal variations. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2009**, 153, 130-5	2.3	25
40	Pituitary gene and protein expression under experimental variation on salinity and temperature in gilthead sea bream Sparus aurata. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2009**, 154, 303-8	2.3	15
39	Temperature manipulation stimulates gonadal maturation and sex steroid production in Senegalese sole Solea senegalensis Kaup kept under two different light regimes. *Aquaculture Research*, **2008**, 40, 103-111	1.9	6
38	Molecular cloning of Senegalese sole (Solea senegalensis) follicle-stimulating hormone and luteinizing hormone subunits and expression pattern during spermatogenesis. *General and Comparative Endocrinology*, **2008**, 156, 470-81	3	40
37	Genomic resources for a commercial flatfish, the Senegalese sole (Solea senegalensis): EST sequencing, oligo microarray design, and development of the Soleamold bioinformatic platform. *BMC Genomics*, **2008**, 9, 508	4.5	65
36	High density and food deprivation affect arginine vasotocin, isotocin and melatonin in gilthead sea bream (Sparus auratus). *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2008**, 149, 92-7	2.6	74
35	Interaction of short-term testosterone treatment with osmotic acclimation in the gilthead sea bream Sparus auratus. *Marine Biology*, **2008**, 153, 661-671	2.5	3
34	Substantial loss of genetic variation in a single generation of Senegalese sole (Solea senegalensis) culture: implications in the domestication process. *Journal of Fish Biology*, **2007**, 71, 223-234	1.9	18
33	Reproductive performance and seasonal plasma sex steroid and metabolite levels in a captive wild broodstock of brill Scophthalmus rhombus L.. *Aquaculture Research*, **2007**, 38, 1161-1174	1.9	16
32	Ovarian development and plasma sex steroid levels in cultured female Senegalese sole Solea senegalensis. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2007**, 146, 342-54	2.6	48
31	The spatiotemporal expression pattern of trypsinogen and bile salt-activated lipase during the larval development of red porgy (Pagrus pagrus, Pisces, Sparidae). *Marine Biology*, **2007**, 152, 109-118	2.5	24

30	Ontogeny of pepsinogen and gastric proton pump expression in red porgy (Pagrus pagrus): Determination of stomach functionality. *Aquaculture*, **2007**, 270, 369-378	4.4	31
29	Effects of 17beta-estradiol and 4-nonylphenol on osmoregulation and hepatic enzymes in gilthead sea bream (Sparus auratus). *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2007**, 145, 210-7	3.2	19
28	Effect of sex-steroid hormones, testosterone and estradiol, on humoral immune parameters of gilthead seabream. *Fish and Shellfish Immunology*, **2007**, 23, 693-700	4.3	61
27	Larval organogenesis of Pagrus pagrus L., 1758 with special attention to the digestive system development. *Histology and Histopathology*, **2007**, 22, 753-68	1.4	12
26	Testicular development and plasma sex steroid levels in cultured male Senegalese sole Solea senegalensis Kaup. *General and Comparative Endocrinology*, **2006**, 147, 343-51	3	58
25	Influence of testosterone administration on osmoregulation and energy metabolism of gilthead sea bream Sparus auratus. *General and Comparative Endocrinology*, **2006**, 149, 30-41	3	29
24	Arginine vasotocin, isotocin and melatonin responses following acclimation of gilthead sea bream (Sparus aurata) to different environmental salinities. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2006**, 145, 268-73	2.6	48
23	Genetic structure and genetic relatedness of a hatchery stock of Senegal sole (Solea senegalensis) inferred by microsatellites. *Aquaculture*, **2006**, 251, 46-55	4.4	61
22	Non-invasive assessment of reproductive status and cycle of sex steroid levels in a captive wild broodstock of Senegalese sole Solea senegalensis (Kaup). *Aquaculture*, **2006**, 254, 583-593	4.4	53
21	Induction of spawning of captive-reared Senegal sole (Solea senegalensis) using different administration methods for gonadotropin-releasing hormone agonist. *Aquaculture*, **2006**, 257, 511-524	4.4	82
20	Development of a microsatellite multiplex PCR for Senegalese sole (Solea senegalensis) and its application to broodstock management. *Aquaculture*, **2006**, 256, 159-166	4.4	46
19	Disruption of gonadal maturation in cultured Senegalese sole Solea senegalensis Kaup by continuous light and/or constant temperature regimes. *Aquaculture*, **2006**, 261, 789-798	4.4	51
18	Characterization of a partial alpha-amylase clone from red porgy (Pagrus pagrus): expression during larval development. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology* , **2006**, 143, 209-18	2.3	47
17	Gene expression of pepsinogen during the larval development of red porgy (Pagrus pagrus). *Aquaculture*, **2005**, 248, 245-252	4.4	51
16	Male reproductive system in Senegalese sole Solea senegalensis (Kaup): anatomy, histology and histochemistry. *Histology and Histopathology*, **2005**, 20, 1179-89	1.4	44
15	Cloning, characterisation, and expression of three oestrogen receptors (ERalpha, ERbeta1 and ERbeta2) in the European sea bass, Dicentrarchus labrax. *Molecular and Cellular Endocrinology*, **2004**, 223, 63-75	4.4	88
14	Molecular characterization of sea bass gonadotropin subunits (alpha, FSHbeta, and LHbeta) and their expression during the reproductive cycle. *General and Comparative Endocrinology*, **2003**, 133, 216-32	3	93
13	Peptide YY (PYY) and fish pancreatic peptide Y (PY) expression in the brain of the sea bass (Dicentrarchus labrax) as revealed by in situ hybridization. *Journal of Comparative Neurology*, **2000**, 426, 197-208	3.4	40

12	AFLP Analysis Confirms Exclusive Maternal Genomic Contribution of Meiogynogenetic Sea Bass (Dicentrarchus labrax L.). *Marine Biotechnology*, **2000**, 2, 301-6	3.4	30
11	Molecular evolution of the neuropeptide Y (NPY) family of peptides: cloning of three NPY-related peptides from the sea bass (Dicentrarchus labrax). *Regulatory Peptides*, **2000**, 95, 25-34		67
10	Characterization of neuropeptide Y expression in the brain of a perciform fish, the sea bass (Dicentrarchus labrax). *Journal of Chemical Neuroanatomy*, **2000**, 19, 197-210	3.2	70
9	Ectopic expression of c-ski disrupts gastrulation and neural patterning in zebrafish. *Mechanisms of Development*, **2000**, 95, 147-62	1.7	23
8	Cloning the neuropeptide Y exon 2 from sea bass (Dicentrarchus labrax). *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **1999**, 123, 181-6	2.3	12
7	Genetic variability of European sea bass, Dicentrarchus labrax L.: data from a hatchery stock. *Aquaculture Research*, **1998**, 29, 851-853	1.9	
6	Cloning of neuropeptide Y, peptide YY, and peptide Y from sea bass (Dicentrarchus labrax), a marine teleost. *Annals of the New York Academy of Sciences*, **1998**, 839, 493-5	6.5	13
5	Optimal conditions for the induction of triploidy in the sea bass (Dicentrarchus labrax L.). *Aquaculture*, **1997**, 152, 287-298	4.4	61
4	Interspecific genetic differentiation in Western Mediterranean sparid fish. *Aquaculture*, **1994**, 125, 47-57	4.4	25
3	Chromosome complement, C-banding and Ag-NOR in Gymnammodytes cicerelus (Ammodytidae, Perciformes) **1993**, 43, 649		0
2	A complex chromosomal polymorphism in Gobius fallax (Gobiidae, Perciformes). *Genetica*, **1988**, 76, 65-71	1.5	25
1	Shrimp immune response: A transcriptomic perspective. *Reviews in Aquaculture*,	8.9	2