

Gonzalo Martinez-Rodriguez

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137
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3,134
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142
ext. papers

3,664
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#	Paper	IF	Citations
137	Molecular characterization of sea bass gonadotropin subunits (alpha, FSHbeta, and LHbeta) and their expression during the reproductive cycle. <i>General and Comparative Endocrinology</i> , 2003 , 133, 216-32		93
136	Cloning, characterisation, and expression of three oestrogen receptors (ERalpha, ERbeta1 and ERbeta2) in the European sea bass, <i>Dicentrarchus labrax</i> . <i>Molecular and Cellular Endocrinology</i> , 2004 , 223, 63-75	4.4	88
135	Induction of spawning of captive-reared Senegal sole (<i>Solea senegalensis</i>) using different administration methods for gonadotropin-releasing hormone agonist. <i>Aquaculture</i> , 2006 , 257, 511-524	4.4	82
134	High density and food deprivation affect arginine vasotocin, isotocin and melatonin in gilthead sea bream (<i>Sparus auratus</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2008 , 149, 92-7	2.6	74
133	Characterization of neuropeptide Y expression in the brain of a perciform fish, the sea bass (<i>Dicentrarchus labrax</i>). <i>Journal of Chemical Neuroanatomy</i> , 2000 , 19, 197-210	3.2	70
132	Molecular evolution of the neuropeptide Y (NPY) family of peptides: cloning of three NPY-related peptides from the sea bass (<i>Dicentrarchus labrax</i>). <i>Regulatory Peptides</i> , 2000 , 95, 25-34		67
131	Genomic resources for a commercial flatfish, the Senegalese sole (<i>Solea senegalensis</i>): EST sequencing, oligo microarray design, and development of the Soleamold bioinformatic platform. <i>BMC Genomics</i> , 2008 , 9, 508	4.5	65
130	Teleost fish larvae adapt to dietary arachidonic acid supply through modulation of the expression of lipid metabolism and stress response genes. <i>British Journal of Nutrition</i> , 2012 , 108, 864-74	3.6	61
129	Optimal conditions for the induction of triploidy in the sea bass (<i>Dicentrarchus labrax</i> L.). <i>Aquaculture</i> , 1997 , 152, 287-298	4.4	61
128	Effect of sex-steroid hormones, testosterone and estradiol, on humoral immune parameters of gilthead seabream. <i>Fish and Shellfish Immunology</i> , 2007 , 23, 693-700	4.3	61
127	Genetic structure and genetic relatedness of a hatchery stock of Senegal sole (<i>Solea senegalensis</i>) inferred by microsatellites. <i>Aquaculture</i> , 2006 , 251, 46-55	4.4	61
126	Acidic digestion in a teleost: postprandial and circadian pattern of gastric pH, pepsin activity, and pepsinogen and proton pump mRNAs expression. <i>PLoS ONE</i> , 2012 , 7, e33687	3.7	59
125	Testicular development and plasma sex steroid levels in cultured male Senegalese sole <i>Solea senegalensis</i> Kaup. <i>General and Comparative Endocrinology</i> , 2006 , 147, 343-51	3	58
124	The influence of stocking density and food deprivation in silver catfish (<i>Rhamdia quelen</i>): A metabolic and endocrine approach. <i>Aquaculture</i> , 2015 , 435, 257-264	4.4	53
123	Non-invasive assessment of reproductive status and cycle of sex steroid levels in a captive wild broodstock of Senegalese sole <i>Solea senegalensis</i> (Kaup). <i>Aquaculture</i> , 2006 , 254, 583-593	4.4	53
122	Chronic and acute stress responses in Senegalese sole (<i>Solea senegalensis</i>): the involvement of cortisol, CRH and CRH-BP. <i>General and Comparative Endocrinology</i> , 2011 , 171, 203-10	3	52
121	Gene expression of pepsinogen during the larval development of red porgy (<i>Pagrus pagrus</i>). <i>Aquaculture</i> , 2005 , 248, 245-252	4.4	51

120	Disruption of gonadal maturation in cultured Senegalese sole <i>Solea senegalensis</i> Kaup by continuous light and/or constant temperature regimes. <i>Aquaculture</i> , 2006 , 261, 789-798	4.4	51
119	Ovarian development and plasma sex steroid levels in cultured female Senegalese sole <i>Solea senegalensis</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007 , 146, 342-54	2.6	48
118	Arginine vasotocin, isotocin and melatonin responses following acclimation of gilthead sea bream (<i>Sparus aurata</i>) to different environmental salinities. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2006 , 145, 268-73	2.6	48
117	Characterization of a partial alpha-amylase clone from red porgy (<i>Pagrus pagrus</i>): expression during larval development. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2006 , 143, 209-18	2.3	47
116	Citrate gold nanoparticle exposure in the marine bivalve <i>Ruditapes philippinarum</i> : uptake, elimination and oxidative stress response. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 17414-24	5.1	46
115	Development of a microsatellite multiplex PCR for Senegalese sole (<i>Solea senegalensis</i>) and its application to broodstock management. <i>Aquaculture</i> , 2006 , 256, 159-166	4.4	46
114	Influence of stocking density on growth, metabolism and stress of thick-lipped grey mullet (<i>Chelon labrosus</i>) juveniles. <i>Aquaculture</i> , 2015 , 448, 29-37	4.4	45
113	Impact of Air Exposure on Vasotocinergic and Isotocinergic Systems in Gilthead Sea Bream (<i>Sparus aurata</i>): New Insights on Fish Stress Response. <i>Frontiers in Physiology</i> , 2018 , 9, 96	4.6	44
112	Male reproductive system in Senegalese sole <i>Solea senegalensis</i> (Kaup): anatomy, histology and histochemistry. <i>Histology and Histopathology</i> , 2005 , 20, 1179-89	1.4	44
111	Different stressors induce differential responses of the CRH-stress system in the gilthead sea bream (<i>Sparus aurata</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2014 , 177, 49-61	2.6	42
110	Molecular cloning of Senegalese sole (<i>Solea senegalensis</i>) follicle-stimulating hormone and luteinizing hormone subunits and expression pattern during spermatogenesis. <i>General and Comparative Endocrinology</i> , 2008 , 156, 470-81	3	40
109	Peptide YY (PYY) and fish pancreatic peptide Y (PY) expression in the brain of the sea bass (<i>Dicentrarchus labrax</i>) as revealed by in situ hybridization. <i>Journal of Comparative Neurology</i> , 2000 , 426, 197-208	3.4	40
108	Sedative effect of 2-phenoxyethanol and essential oil of <i>Lippia alba</i> on stress response in gilthead sea bream (<i>Sparus aurata</i>). <i>Research in Veterinary Science</i> , 2015 , 103, 20-7	2.5	37
107	The effects of ammonia and water hardness on the hormonal, osmoregulatory and metabolic responses of the freshwater silver catfish <i>Rhamdia quelen</i> . <i>Aquatic Toxicology</i> , 2014 , 152, 341-52	5.1	37
106	Variations in the expression of vasotocin and isotocin receptor genes in the gilthead sea bream <i>Sparus aurata</i> during different osmotic challenges. <i>General and Comparative Endocrinology</i> , 2014 , 197, 5-17	3	35
105	Use of blubber levels of progesterone to determine pregnancy in free-ranging live cetaceans. <i>Marine Biology</i> , 2011 , 158, 1677-1680	2.5	34
104	Daily rhythms of digestive enzyme activity and gene expression in gilthead seabream (<i>Sparus aurata</i>) during ontogeny. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2016 , 197, 43-51	2.6	34
103	Transcriptomic characterization of the larval stage in gilthead seabream (<i>Sparus aurata</i>) by 454 pyrosequencing. <i>Marine Biotechnology</i> , 2012 , 14, 423-35	3.4	33

102	Ontogeny of pepsinogen and gastric proton pump expression in red porgy (<i>Pagrus pagrus</i>): Determination of stomach functionality. <i>Aquaculture</i> , 2007 , 270, 369-378	4.4	31
101	AFLP Analysis Confirms Exclusive Maternal Genomic Contribution of Meiogynogenetic Sea Bass (<i>Dicentrarchus labrax</i> L.). <i>Marine Biotechnology</i> , 2000 , 2, 301-6	3.4	30
100	Influence of testosterone administration on osmoregulation and energy metabolism of gilthead sea bream <i>Sparus auratus</i> . <i>General and Comparative Endocrinology</i> , 2006 , 149, 30-41	3	29
99	Different early weaning protocols in common sole (<i>Solea solea</i> L.) larvae: Implications on the performances and molecular ontogeny of digestive enzyme precursors. <i>Aquaculture</i> , 2013 , 414-415, 26-35	4.4	27
98	Vasotocinergic and isotocinergic systems in the gilthead sea bream (<i>Sparus aurata</i>): an osmoregulatory story. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2013 , 166, 571-81	2.6	27
97	Advances and challenges in genetic engineering of microalgae. <i>Reviews in Aquaculture</i> , 2020 , 12, 365-388	3.9	27
96	Effects of dietary arachidonic acid on cortisol production and gene expression in stress response in Senegalese sole (<i>Solea senegalensis</i>) post-larvae. <i>Fish Physiology and Biochemistry</i> , 2013 , 39, 1223-38	2.7	26
95	Stress response in silver catfish (<i>Rhamdia quelen</i>) exposed to the essential oil of <i>Hesperozygis ringens</i> . <i>Fish Physiology and Biochemistry</i> , 2015 , 41, 129-38	2.7	26
94	Daily rhythms of clock gene expression and feeding behavior during the larval development in gilthead seabream, <i>Sparus aurata</i> . <i>Chronobiology International</i> , 2015 , 32, 1061-74	3.6	25
93	AVT is involved in the regulation of ion transport in the intestine of the sea bream (<i>Sparus aurata</i>). <i>General and Comparative Endocrinology</i> , 2013 , 193, 221-8	3	25
92	In vitro digestion of protein sources by crude enzyme extracts of the spiny lobster <i>Panulirus argus</i> (Latreille, 1804) hepatopancreas with different trypsin isoenzyme patterns. <i>Aquaculture</i> , 2010 , 310, 178-185	4.4	25
91	Gene and protein expression for prolactin, growth hormone and somatolactin in <i>Sparus aurata</i> : seasonal variations. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2009 , 153, 130-5	2.3	25
90	Interspecific genetic differentiation in Western Mediterranean sparid fish. <i>Aquaculture</i> , 1994 , 125, 47-57	4.4	25
89	A complex chromosomal polymorphism in <i>Gobius fallax</i> (Gobiidae, Perciformes). <i>Genetica</i> , 1988 , 76, 65-71	1.5	25
88	Endocrine and milt response of Senegalese sole, <i>Solea senegalensis</i> , males maintained in captivity. <i>Theriogenology</i> , 2011 , 75, 1-9	2.8	24
87	The spatiotemporal expression pattern of trypsinogen and bile salt-activated lipase during the larval development of red porgy (<i>Pagrus pagrus</i> , Pisces, Sparidae). <i>Marine Biology</i> , 2007 , 152, 109-118	2.5	24
86	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. <i>Aquaculture</i> , 2019 , 513, 734-438	4.4	23
85	Cloning and molecular ontogeny of digestive enzymes in fed and food-deprived developing gilthead seabream (<i>Sparus aurata</i>) larvae. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2016 , 191, 53-65	2.3	23

84	Cortisol modulates vasotocinergic and isotocinergic pathways in the gilthead sea bream. <i>Journal of Experimental Biology</i> , 2015 , 218, 316-25	3	23
83	Dietary protein quality differentially regulates trypsin enzymes at the secretion and transcription level in <i>Panulirus argus</i> by distinct signaling pathways. <i>Journal of Experimental Biology</i> , 2012 , 215, 853-62		23
82	Ectopic expression of c-ski disrupts gastrulation and neural patterning in zebrafish. <i>Mechanisms of Development</i> , 2000 , 95, 147-62	1.7	23
81	<i>Myrcia sylvatica</i> essential oil mitigates molecular, biochemical and physiological alterations in <i>Rhamdia quelen</i> under different stress events associated to transport. <i>Research in Veterinary Science</i> , 2018 , 117, 150-160	2.5	22
80	Effect of feeding frequency on the daily rhythms of acidic digestion in a teleost fish (gilthead seabream). <i>Chronobiology International</i> , 2014 , 31, 1024-33	3.6	20
79	Vasotocin and isotocin regulate aquaporin 1 function in the sea bream. <i>Journal of Experimental Biology</i> , 2015 , 218, 684-93	3	20
78	Subfunctionalization of POMC paralogues in Senegalese sole (<i>Solea senegalensis</i>). <i>General and Comparative Endocrinology</i> , 2012 , 175, 407-15	3	19
77	Assessment of tools for marker-assisted selection in a marine commercial species: significant association between MSTN-1 gene polymorphism and growth traits. <i>Scientific World Journal</i> , 2012 , 2012, 369802	2.2	19
76	Food deprivation induces chronic stress and affects thyroid hormone metabolism in Senegalese sole (<i>Solea senegalensis</i>) post-larvae. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012 , 162, 317-22	2.6	19
75	Effects of 17beta-estradiol and 4-nonylphenol on osmoregulation and hepatic enzymes in gilthead sea bream (<i>Sparus auratus</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007 , 145, 210-7	3.2	19
74	Cloning and expression pattern of facilitative glucose transporter 1 (GLUT1) in gilthead sea bream <i>Sparus aurata</i> in response to salinity acclimation. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012 , 163, 38-46	2.6	18
73	Substantial loss of genetic variation in a single generation of Senegalese sole (<i>Solea senegalensis</i>) culture: implications in the domestication process. <i>Journal of Fish Biology</i> , 2007 , 71, 223-234	1.9	18
72	Molecular performance of Prl and Gh/Igf1 axis in the Mediterranean meager, <i>Argyrosomus regius</i> , acclimated to different rearing salinities. <i>Fish Physiology and Biochemistry</i> , 2017 , 43, 203-216	2.7	17
71	The circadian transcriptome of marine fish (<i>Sparus aurata</i>) larvae reveals highly synchronized biological processes at the whole organism level. <i>Scientific Reports</i> , 2017 , 7, 12943	4.9	17
70	Starving/re-feeding processes induce metabolic modifications in thick-lipped grey mullet (<i>Chelon labrosus</i> , Risso 1827). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2015 , 180, 57-67	2.3	16
69	Impact of deoxynivalenol on rainbow trout: Growth performance, digestibility, key gene expression regulation and metabolism. <i>Aquaculture</i> , 2018 , 490, 362-372	4.4	16
68	Reproductive performance and seasonal plasma sex steroid and metabolite levels in a captive wild broodstock of brill <i>Scophthalmus rhombus</i> L.. <i>Aquaculture Research</i> , 2007 , 38, 1161-1174	1.9	16
67	Involvement of HPI-axis in anesthesia with <i>Lippia alba</i> essential oil citral and linalool chemotypes: gene expression in the secondary responses in silver catfish. <i>Fish Physiology and Biochemistry</i> , 2019 , 45, 155-166	2.7	15

66	AVT and IT regulate ion transport across the opercular epithelium of killifish (<i>Fundulus heteroclitus</i>) and gilthead sea bream (<i>Sparus aurata</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015 , 182, 93-101	2.6	15
65	Pituitary gene and protein expression under experimental variation on salinity and temperature in gilthead sea bream <i>Sparus aurata</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2009 , 154, 303-8	2.3	15
64	Unraveling the Tissue-Specific Gene Signatures of Gilthead Sea Bream (<i>Sparus aurata</i> L.) after Hyper- and Hypo-Osmotic Challenges. <i>PLoS ONE</i> , 2016 , 11, e0148113	3.7	15
63	Trypsin isozymes in the lobster <i>Panulirus argus</i> (Latreille, 1804): from molecules to physiology. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2015 , 185, 17-35	2.2	14
62	New members of the brachyurins family in lobster include a trypsin-like enzyme with amino acid substitutions in the substrate-binding pocket. <i>FEBS Journal</i> , 2010 , 277, 3489-501	5.7	14
61	Design of solar collector networks for industrial applications. <i>Applied Thermal Engineering</i> , 2014 , 70, 1238-1245	5.8	13
60	Molecular phylogeny of the genera <i>Palaemon</i> and <i>Palaemonetes</i> (Decapoda, Caridea, Palaemonidae) from a European perspective. <i>Crustaceana</i> , 2012 , 85, 877-888	0.4	13
59	Cloning of neuropeptide Y, peptide YY, and peptide Y from sea bass (<i>Dicentrarchus labrax</i>), a marine teleost. <i>Annals of the New York Academy of Sciences</i> , 1998 , 839, 493-5	6.5	13
58	The Digestive Function in Developing Fish Larvae and Fry. From Molecular Gene Expression to Enzymatic Activity 2018 , 51-86		12
57	Vitellogenin expression in wild cyprinid <i>Petroleuciscus esfahani</i> as a biomarker of endocrine disruption along the Zayandeh Roud River, Iran. <i>Chemosphere</i> , 2016 , 144, 1342-50	8.4	12
56	Characterization of the peripheral thyroid system of gilthead seabream acclimated to different ambient salinities. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2017 , 203, 24-31	2.6	12
55	Cloning the neuropeptide Y exon 2 from sea bass (<i>Dicentrarchus labrax</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1999 , 123, 181-6	2.3	12
54	The digestive function of gilthead seabream juveniles in relation to feeding frequency. <i>Aquaculture</i> , 2021 , 531, 735867	4.4	12
53	Modelling digestive hydrolysis of nutrients in fish using factorial designs and desirability function. <i>PLoS ONE</i> , 2018 , 13, e0206556	3.7	12
52	Larval organogenesis of <i>Pagrus pagrus</i> L., 1758 with special attention to the digestive system development. <i>Histology and Histopathology</i> , 2007 , 22, 753-68	1.4	12
51	Estimating the effect of different factors on the digestive bioaccessibility of protein by the Senegalese sole (<i>Solea senegalensis</i>); combination of response surface methodology and in vitro assays. <i>Aquaculture</i> , 2017 , 477, 28-34	4.4	11
50	Acclimation to different environmental salinities induces molecular endocrine changes in the GH/IGF-I axis of juvenile gilthead sea bream (<i>Sparus aurata</i> L.). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2015 , 185, 87-101	2.2	11
49	Gene expression of thyrotropin- and corticotrophin-releasing hormones is regulated by environmental salinity in the euryhaline teleost <i>Sparus aurata</i> . <i>Fish Physiology and Biochemistry</i> , 2018 , 44, 615-628	2.7	11

48	Unraveling vasotocinergic, isotocinergic and stress pathways after food deprivation and high stocking density in the gilthead sea bream. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2018 , 215, 35-44	2.6	11
47	Transport and Recovery of Gilthead Seabream (L.) Sedated With Clove Oil and MS-222: Effects on Stress Axis Regulation and Intermediary Metabolism. <i>Frontiers in Physiology</i> , 2019 , 10, 612	4.6	11
46	Changes in membrane lipids and carotenoids during light acclimation in a marine cyanobacterium <i>Synechococcus</i> sp. <i>Journal of Biosciences</i> , 2012 , 37, 635-45	2.3	11
45	Arginine Vasotocin and Cortisol Co-regulate Vasotocinergic, Isotocinergic, Stress, and Thyroid Pathways in the Gilthead Sea Bream (). <i>Frontiers in Physiology</i> , 2019 , 10, 261	4.6	10
44	A natural additive in the diet to improve growth and reduce energy expenditure of gilthead seabream (<i>Sparus aurata</i> L.): Attenuation of high stocking density stress responses. <i>Aquaculture</i> , 2020 , 524, 735263	4.4	10
43	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 <i>Sparus aurata</i> . <i>Fish Physiology and Biochemistry</i> , 2016 , 42, 365-77	2.7	10
42	Molecular, Biochemical, and Dietary Regulation Features of α -Amylase in a Carnivorous Crustacean, the Spiny Lobster <i>Panulirus argus</i> . <i>PLoS ONE</i> , 2016 , 11, e0158919	3.7	10
41	An "omic" approach to <i>Pyrocystis lunula</i> : New insights related with this bioluminescent dinoflagellate. <i>Journal of Proteomics</i> , 2019 , 209, 103502	3.9	9
40	Ontogeny of Expression and Activity of Digestive Enzymes and Establishment of / Axis in the Omnivorous Fish. <i>Animals</i> , 2020 , 10,	3.1	9
39	The effect of starvation and re-feeding on vasotocinergic and isotocinergic pathways in immature gilthead sea bream (<i>Sparus aurata</i>). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2017 , 187, 945-958	2.2	8
38	Dietary Tryptophan Induces Opposite Health-Related Responses in the Senegalese Sole () Reared at Low or High Stocking Densities With Implications in Disease Resistance. <i>Frontiers in Physiology</i> , 2019 , 10, 508	4.6	8
37	Carbohydrates digestion and metabolism in the spiny lobster (): biochemical indication for limited carbohydrate utilization. <i>PeerJ</i> , 2017 , 5, e3975	3.1	8
36	Osmoregulatory role of vasotocinergic and isotocinergic systems in the gilthead sea bream (<i>Sparus aurata</i> L). <i>General and Comparative Endocrinology</i> , 2018 , 257, 177-183	3	8
35	Dietary aflatoxin B1 (AFB1) reduces growth performance, impacting growth axis, metabolism, and tissue integrity in juvenile gilthead sea bream (<i>Sparus aurata</i>). <i>Aquaculture</i> , 2021 , 533, 736189	4.4	8
34	Effect of different salinities on gene expression and activity of digestive enzymes in the thick-lipped grey mullet (<i>Chelon labrosus</i>). <i>Fish Physiology and Biochemistry</i> , 2018 , 44, 349-373	2.7	8
33	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 <i>Ruditapes philippinarum</i> . <i>Aquatic Toxicology</i> , 2020 , 221, 105418	5.1	7
32	Characterization of two <i>Synechococcus</i> sp. PCC7002-related cyanobacterial strains in relation to 16S rDNA, crtR gene, lipids and pigments. <i>Phycological Research</i> , 2011 , 59, 147-155	1.3	7
31	Hypothalamic arginine vasotocin and isotocin are involved in stress response in fish. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009 , 154, S26	2.6	7

30	Ontogeny and functional histochemistry of the digestive and visual systems and other organs during the larval development of the thick-lipped grey mullet, <i>Chelon labrosus</i> . <i>Scientia Marina</i> , 2014 , 78, 473-491	1.8	7
29	Sperm production and quality in brill <i>Scophthalmus rhombus</i> L.: relation to circulating sex steroid levels. <i>Fish Physiology and Biochemistry</i> , 2013 , 39, 215-20	2.7	6
28	Temperature manipulation stimulates gonadal maturation and sex steroid production in Senegalese sole <i>Solea senegalensis</i> Kaup kept under two different light regimes. <i>Aquaculture Research</i> , 2008 , 40, 103-111	1.9	6
27	Melatonin, vasotocin and isotocin as biomarkers of the condition of fish. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010 , 157, S18	2.6	5
26	Effects of prebiotic mannan oligosaccharide on the growth, survival, and anxiety-like behaviors of zebrafish (<i>Danio rerio</i>). <i>Journal of Applied Aquaculture</i> , 2017 , 29, 183-196	0.8	4
25	Aroclor 1254 inhibits vasotocinergic pathways related to osmoregulatory and stress functions in the gilthead sea bream (<i>Sparus aurata</i> , Linnaeus 1758). <i>Aquatic Toxicology</i> , 2019 , 212, 98-109	5.1	3
24	Molecular basis of the digestive functionality in developing Persian sturgeon (<i>Acipenser persicus</i>) larvae: additional clues for its phylogenetic status. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2019 , 189, 367-383	2.2	3
23	Brain and Pituitary Response to Vaccination in Gilthead Seabream (<i>L.</i>). <i>Frontiers in Physiology</i> , 2019 , 10, 717	4.6	3
22	Isolation and characterization of microsatellites from <i>Seriola dumerili</i> (Risso 1810). <i>Aquaculture Research</i> , 2009 , 40, 249-251	1.9	3
21	Melatonin concentrations during larval and postlarval development of gilthead sea bream <i>Sparus auratus</i> : more than a time-keeping molecule?. <i>Journal of Fish Biology</i> , 2009 , 75, 142-55	1.9	3
20	Interaction of short-term testosterone treatment with osmotic acclimation in the gilthead sea bream <i>Sparus auratus</i> . <i>Marine Biology</i> , 2008 , 153, 661-671	2.5	3
19	Nanotechnology in aquaculture: Applications, perspectives and regulatory challenges. <i>Aquaculture and Fisheries</i> , 2022 , 7, 185-200	2.9	3
18	Development of New Antiproliferative Compound against Human Tumor Cells from the Marine Microalgae by Applied Proteomics. <i>International Journal of Molecular Sciences</i> , 2020 , 22,	6.3	3
17	Molecular endocrine changes of Gh/Igf1 axis in gilthead sea bream (<i>Sparus aurata</i> L.) exposed to different environmental salinities during larvae to post-larvae stages. <i>Fish Physiology and Biochemistry</i> , 2016 , 42, 1177-86	2.7	3
16	Contribution of Non-canonical Cortisol Actions in the Early Modulation of Glucose Metabolism of Gilthead Sea Bream (<i>S.</i>). <i>Frontiers in Endocrinology</i> , 2019 , 10, 779	5.7	3
15	Aflatoxicosis Dysregulates the Physiological Responses to Crowding Densities in the Marine Teleost Gilthead Seabream (<i>S.</i>). <i>Animals</i> , 2021 , 11,	3.1	3
14	New Perspectives Related to the Bioluminescent System in Dinoflagellates: , a Case Study. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
13	In silico analysis and effects of environmental salinity in the expression and activity of digestive Amylase and trypsins from the euryhaline crab <i>Neohelice granulata</i> . <i>Canadian Journal of Zoology</i> , 2018 , 96, 127-139	1.5	2

12	Potential effect of increasing the water content in the digestibility of microdiets for fish larvae. <i>Aquaculture Nutrition</i> , 2016 , 22, 1116-1125	3.2	2
11	Daily rhythms of intestinal cholecystokinin and pancreatic proteases activity in Senegalese sole juveniles with diurnal and nocturnal feeding. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2021 , 253, 110868	2.6	2
10	Shrimp immune response: A transcriptomic perspective. <i>Reviews in Aquaculture</i> ,	8.9	2
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2	Chromosome complement, C-banding and Ag-NOR in <i>Gymnammodytes cicerelus</i> (Ammodytidae, Perciformes) 1993 , 43, 649		0
1	Genetic variability of European sea bass, <i>Dicentrarchus labrax</i> L.: data from a hatchery stock. <i>Aquaculture Research</i> , 1998 , 29, 851-853	1.9	