

# Manuel Manchado

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

150  
papers

3,336  
citations

31  
h-index

48  
g-index

156  
ext. papers

3,888  
ext. citations

3.4  
avg, IF

5.09  
L-index

#	Paper	IF	Citations
150	Genetic parameter estimations of new traits of morphological quality on gilthead seabream ( <i>Sparus aurata</i> ) by using IMAFISH_ML software. <i>Aquaculture Reports</i> , <b>2021</b> , 21, 100883	2.3	1
149	Genetic Estimates for Growth and Shape-Related Traits in the Flatfish Senegalese Sole. <i>Animals</i> , <b>2021</b> , 11,	3.1	2
148	Genetic parameters for quality traits by non-invasive methods and their G x E interactions in ocean cages and estuaries on gilthead seabream ( <i>Sparus aurata</i> ). <i>Aquaculture</i> , <b>2021</b> , 537, 736462	4.4	6
147	Dietary Natural Plant Extracts Can Promote Growth and Modulate Oxidative Status of Senegalese Sole Postlarvae under Standard/Challenge Conditions. <i>Animals</i> , <b>2021</b> , 11,	3.1	1
146	Chromosome anchoring in Senegalese sole ( <i>Solea senegalensis</i> ) reveals sex-associated markers and genome rearrangements in flatfish. <i>Scientific Reports</i> , <b>2021</b> , 11, 13460	4.9	1
145	Genetic parameter estimates and identification of SNPs associated with growth traits in Senegalese sole. <i>Aquaculture</i> , <b>2021</b> , 539, 736665	4.4	3
144	Deciphering the role of cartilage protein 1 in human dermal fibroblasts: a transcriptomic approach. <i>Functional and Integrative Genomics</i> , <b>2021</b> , 21, 503-511	3.8	0
143	Physiological trade-offs associated with fasting weight loss, resistance to exercise and behavioral traits in farmed gilthead sea bream ( <i>Sparus aurata</i> ) selected by growth. <i>Aquaculture Reports</i> , <b>2021</b> , 20, 100645	2.3	1
142	Dietary Phospholipids Enhance Growth Performance and Modulate Cold Tolerance in Meagre () Juveniles. <i>Animals</i> , <b>2021</b> , 11,	3.1	1
141	Nanostructured recombinant protein particles raise specific antibodies against the nodavirus NNV coat protein in sole. <i>Fish and Shellfish Immunology</i> , <b>2020</b> , 99, 578-586	4.3	6
140	Heritability Estimates and Genetic Correlation for Growth Traits and LCDV Susceptibility in Gilthead Sea Bream ( <i>Sparus aurata</i> ). <i>Fishes</i> , <b>2020</b> , 5, 2	2.5	6
139	Micro-Variations from RNA-seq Experiments for Non-model Organisms. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 542-549	0.9	
138	Development of whole-genome multiplex assays and construction of an integrated genetic map using SSR markers in Senegalese sole. <i>Scientific Reports</i> , <b>2020</b> , 10, 21905	4.9	5
137	Assessment of Growth, Lipid Metabolism and Gene Expression Responses in Senegalese Sole Larvae Fed With Low Dietary Phospholipid Levels. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 572545	4.6	4
136	Isolation of Microalgae from Mediterranean Seawater and Production of Lipids in the Cultivated Species. <i>Foods</i> , <b>2020</b> , 9,	4.9	4
135	Dietary Antioxidant Supplementation Promotes Growth in Senegalese Sole Postlarvae. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 580600	4.6	5
134	Microalgal extracts induce larval programming and modify growth and the immune response to bioactive treatments and LCDV in Senegalese sole post-larvae. <i>Fish and Shellfish Immunology</i> , <b>2020</b> , 106, 263-272	4.3	4

133	An improved de novo assembling and polishing of Solea senegalensis transcriptome shed light on retinoic acid signalling in larvae. <i>Scientific Reports</i> , <b>2020</b> , 10, 20654	4.9	2
132	Sole head transcriptomics reveals a coordinated developmental program during metamorphosis. <i>Genomics</i> , <b>2020</b> , 112, 592-602	4.3	5
131	Understanding pseudo-albinism in sole (Solea senegalensis): a transcriptomics and metagenomics approach. <i>Scientific Reports</i> , <b>2019</b> , 9, 13604	4.9	7
130	Yeast $\beta$ -glucans and microalgal extracts modulate the immune response and gut microbiome in Senegalese sole (Solea senegalensis). <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 92, 31-39	4.3	31
129	De novo Transcriptome Assembly of Solea senegalensis v5.0 Using TransFlow. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 48-59	0.9	2
128	Selection for growth is associated in gilthead sea bream (Sparus aurata) with diet flexibility, changes in growth patterns and higher intestine plasticity. <i>Aquaculture</i> , <b>2019</b> , 507, 349-360	4.4	17
127	Feed and immersion challenges with lymphocystis disease virus (LCDV) reveals specific mechanisms for horizontal transmission and immune response in senegalese sole post-larvae. <i>Fish and Shellfish Immunology</i> , <b>2019</b> , 89, 710-718	4.3	7
126	Genetic and Genomic Characterization of Soles <b>2019</b> , 375-394		5
125	Genomic and phylogenetic analysis of choriolytins, and biological activity of hatching liquid in the flatfish Senegalese sole. <i>PLoS ONE</i> , <b>2019</b> , 14, e0225666	3.7	1
124	Uncovering the immunological repertoire of the carpet shell clam Ruditapes decussatus through a transcriptomic-based approach. <i>Aquaculture and Fisheries</i> , <b>2019</b> , 4, 37-42	2.9	6
123	Assessing the role of vitamin C and iron in early larvae stages of Solea senegalensis fed enriched Artemia. <i>Aquaculture</i> , <b>2018</b> , 488, 145-154	4.4	6
122	Genomic and geographic footprints of differential introgression between two divergent fish species (Solea spp.). <i>Heredity</i> , <b>2018</b> , 121, 579-593	3.6	22
121	Antioxidant capacity and immunomodulatory effects of a chrysolaminarin-enriched extract in Senegalese sole. <i>Fish and Shellfish Immunology</i> , <b>2018</b> , 82, 1-8	4.3	26
120	Short- and long-term effects on growth and expression patterns in response to incubation temperatures in Senegalese sole. <i>Aquaculture</i> , <b>2018</b> , 495, 222-231	4.4	13
119	Characterization of Iodine-Related Molecular Processes in the Marine Microalga Tisochrysis lutea (Haptophyta). <i>Frontiers in Marine Science</i> , <b>2018</b> , 5,	4.5	3
118	Description of New and Amended Clades of the Genus Photobacterium. <i>Microorganisms</i> , <b>2018</b> , 6,	4.9	6
117	A thyroid hormone regulated asymmetric responsive centre is correlated with eye migration during flatfish metamorphosis. <i>Scientific Reports</i> , <b>2018</b> , 8, 12267	4.9	18
116	Phylogeny and expression patterns of two apolipoprotein E genes in the flatfish Senegalese sole. <i>Gene</i> , <b>2018</b> , 643, 7-16	3.8	6

115	Photobacterium malacitanum sp. nov., and Photobacterium andalusiense sp. nov., two new bacteria isolated from diseased farmed fish in Southern Spain. <i>Systematic and Applied Microbiology</i> , <b>2018</b> , 41, 444-451	4.2	7
114	Evaluation of different tags on survival, growth and stress response in the flatfish Senegalese sole. <i>Aquaculture</i> , <b>2018</b> , 494, 10-18	4.4	3
113	Integrated gene mapping and synteny studies give insights into the evolution of a sex proto-chromosome in Solea senegalensis. <i>Chromosoma</i> , <b>2017</b> , 126, 261-277	2.8	15
112	Duplication of Dio3 genes in teleost fish and their divergent expression in skin during flatfish metamorphosis. <i>General and Comparative Endocrinology</i> , <b>2017</b> , 246, 279-293	3	4
111	Gene expression profiles associated with lymphocystis disease virus (LCDV) in experimentally infected Senegalese sole (Solea senegalensis). <i>Fish and Shellfish Immunology</i> , <b>2017</b> , 66, 129-139	4.3	16
110	Olfactory sensitivity of the marine flatfish to conspecific body fluids. <i>Journal of Experimental Biology</i> , <b>2017</b> , 220, 2057-2065	3	6
109	Analysis of the histone cluster in Senegalese sole (Solea senegalensis): evidence for a divergent evolution of two canonical histone clusters. <i>Genome</i> , <b>2017</b> , 60, 441-453	2.4	13
108	Phylogeny, expression patterns and regulation of DNA Methyltransferases in early development of the flatfish, Solea senegalensis. <i>BMC Developmental Biology</i> , <b>2017</b> , 17, 11	3.1	19
107	Effects of thermal stress on the expression of glucocorticoid receptor complex linked genes in Senegalese sole (Solea senegalensis): Acute and adaptive stress responses. <i>General and Comparative Endocrinology</i> , <b>2017</b> , 252, 173-185	3	18
106	Genomic analysis of the marine fish pathogen Photobacterium damsela subsp. piscicida: Insertion sequences proliferation is associated with chromosomal reorganisations and rampant gene decay. <i>Infection, Genetics and Evolution</i> , <b>2017</b> , 54, 221-229	4.5	11
105	Effects of dietary lipid profile on larval performance and lipid management in Senegalese sole. <i>Aquaculture</i> , <b>2017</b> , 468, 80-93	4.4	11
104	Transcriptional regulation of genes involved in retinoic acid metabolism in Senegalese sole larvae. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2017</b> , 203, 35-46	2.3	9
103	Vitamin A Affects Flatfish Development in a Thyroid Hormone Signaling and Metamorphic Stage Dependent Manner. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 458	4.6	14
102	Photobacterium toruni sp. nov., a bacterium isolated from diseased farmed fish. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2017</b> , 67, 4518-4525	2.2	8
101	Mechanisms of lipid metabolism and transport underlying superior performance of Senegalese sole (Solea senegalensis, Kaup 1858) larvae fed diets containing n-3 polyunsaturated fatty acids. <i>Aquaculture</i> , <b>2016</b> , 450, 383-396	4.4	23
100	Molecular characterization and developmental expression patterns of apolipoprotein A-I in Senegalese sole (Solea senegalensis Kaup). <i>Gene Expression Patterns</i> , <b>2016</b> , 21, 7-18	1.5	11
99	Molecular characterization and transcriptional regulation by GH and GnRH of insulin-like growth factors I and II in white seabream (Diplodus sargus). <i>Gene</i> , <b>2016</b> , 578, 251-62	3.8	10
98	Genomic characterization and expression analysis of four apolipoprotein A-IV paralogs in Senegalese sole (Solea senegalensis Kaup). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2016</b> , 191, 84-98	2.3	15

97	Current status in other finfish species <b>2016</b> , 195-221		7
96	Genetic assessment of three gilthead sea bream ( <i>Sparus aurata</i> L.) populations along the Spanish coast and of three broodstocks managements. <i>Aquaculture International</i> , <b>2016</b> , 24, 1409-1420	2.6	6
95	Estimates of heritabilities and genetic correlations of skeletal deformities and uninflated swimbladder in a reared gilthead sea bream ( <i>Sparus aurata</i> L.) juvenile population sourced from three broodstocks along the Spanish coasts. <i>Aquaculture</i> , <b>2016</b> , 464, 601-608	4.4	10
94	Transcriptomic profiles of the upper olfactory rosette in cultured and wild Senegalese sole ( <i>Solea senegalensis</i> ) males. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , <b>2016</b> , 20, 125-135	2	19
93	Dietary vegetable oils: effects on the expression of immune-related genes in Senegalese sole ( <i>Solea senegalensis</i> ) intestine. <i>Fish and Shellfish Immunology</i> , <b>2015</b> , 44, 100-8	4.3	53
92	Estimates of heritabilities and genetic correlations of carcass quality traits in a reared gilthead sea bream ( <i>Sparus aurata</i> L.) population sourced from three broodstocks along the Spanish coasts. <i>Aquaculture</i> , <b>2015</b> , 446, 175-180	4.4	15
91	Estimates of heritabilities and genetic correlations of raw flesh quality traits in a reared gilthead sea bream ( <i>Sparus aurata</i> L.) population sourced from broodstocks along the Spanish coasts. <i>Aquaculture</i> , <b>2015</b> , 446, 181-186	4.4	12
90	Estimates of heritabilities and genetic correlations of growth and external skeletal deformities at different ages in a reared gilthead sea bream ( <i>Sparus aurata</i> L.) population sourced from three broodstocks along the Spanish coasts. <i>Aquaculture</i> , <b>2015</b> , 445, 33-41	4.4	20
89	Effect of dietary vitamin C level during early larval stages in Senegalese sole ( <i>Solea senegalensis</i> ). <i>Aquaculture</i> , <b>2015</b> , 443, 65-76	4.4	17
88	Flushing-related changes of phytoplankton seasonal assemblages in marsh ponds of the warm temperate Guadalquivir river estuary (SW Spain). <i>Hydrobiologia</i> , <b>2015</b> , 744, 15-33	2.4	9
87	A set of 13 multiplex PCRs of specific microsatellite markers as a tool for QTL detection in gilthead seabream ( <i>Sparus aurata</i> L.). <i>Aquaculture Research</i> , <b>2015</b> , 46, 45-58	1.9	6
86	Molecular and functional characterization of seven Na <sup>+</sup> /K <sup>+</sup> -ATPase $\beta$ subunit paralogs in Senegalese sole ( <i>Solea senegalensis</i> Kaup, 1858). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2015</b> , 182, 14-26	2.3	13
85	Molecular characterization and transcriptional regulation of the renin-angiotensin system genes in Senegalese sole ( <i>Solea senegalensis</i> Kaup, 1858): differential gene regulation by salinity. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2015</b> , 184, 6-19	2.6	7
84	Genetic parameters and genotype-environment interactions for skeleton deformities and growth traits at different ages on gilthead seabream ( <i>Sparus aurata</i> L.) in four Spanish regions. <i>Animal Genetics</i> , <b>2015</b> , 46, 164-74	2.5	23
83	Flatfish metamorphosis: a hypothalamic independent process?. <i>Molecular and Cellular Endocrinology</i> , <b>2015</b> , 404, 16-25	4.4	23
82	Molecular characterization and transcriptional regulation of the Na <sup>+</sup> /K <sup>+</sup> ATPase $\beta$ subunit isoforms during development and salinity challenge in a teleost fish, the Senegalese sole ( <i>Solea senegalensis</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2014</b> , 175, 23-32	2.3	30
81	Characterization of the genomic responses in early Senegalese sole larvae fed diets with different dietary triacylglycerol and total lipids levels. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , <b>2014</b> , 12, 61-73	2	19
80	De novo assembly, characterization and functional annotation of Senegalese sole ( <i>Solea senegalensis</i> ) and common sole ( <i>Solea solea</i> ) transcriptomes: integration in a database and design of a microarray. <i>BMC Genomics</i> , <b>2014</b> , 15, 952	4.5	64

79	First approach to studying the genetics of the meagre ( <i>Argyrosomus regius</i> ; Asso, 1801) using three multigene families. <i>Aquaculture Research</i> , <b>2013</b> , 44, 974-984	1.9	7
78	The 5S rDNA high dynamism in <i>Diplodus sargus</i> is a transposon-mediated mechanism. Comparison with other multigene families and Sparidae species. <i>Journal of Molecular Evolution</i> , <b>2013</b> , 76, 83-97	3.1	22
77	Differences in betaine lipids and fatty acids between <i>Pseudoisochrysis paradoxa</i> VLP and <i>Diacronema vlkianum</i> VLP isolates (Haptophyta). <i>Phytochemistry</i> , <b>2013</b> , 95, 224-33	4	25
76	Development of the first standardised panel of two new microsatellite multiplex PCRs for gilthead seabream ( <i>Sparus aurata</i> L.). <i>Animal Genetics</i> , <b>2013</b> , 44, 533-46	2.5	31
75	Two Mx genes identified in European sea bass ( <i>Dicentrarchus labrax</i> ) respond differently to VNNV infection. <i>Veterinary Immunology and Immunopathology</i> , <b>2013</b> , 153, 240-8	2	23
74	Advances in genomics for flatfish aquaculture. <i>Genes and Nutrition</i> , <b>2013</b> , 8, 5-17	4.3	44
73	Total substitution of fish oil by vegetable oils in Senegalese sole ( <i>Solea senegalensis</i> ) diets: effects on fish performance, biochemical composition, and expression of some glucocorticoid receptor-related genes. <i>Fish Physiology and Biochemistry</i> , <b>2013</b> , 39, 335-49	2.7	35
72	A preliminary genetic map in <i>Solea senegalensis</i> (Pleuronectiformes, Soleidae) using BAC-FISH and next-generation sequencing. <i>Cytogenetic and Genome Research</i> , <b>2013</b> , 141, 227-40	1.9	22
71	Uptake of iodide in the marine haptophyte <i>Isochrysis</i> sp. (T.ISO) driven by iodide oxidation. <i>Journal of Phycology</i> , <b>2013</b> , 49, 640-7	3	11
70	Effect of salinity on egg hatching, yolk sac absorption and larval rearing of Senegalese sole ( <i>Solea senegalensis</i> Kaup 1858). <i>Reviews in Aquaculture</i> , <b>2012</b> , 4, 49-58	8.9	10
69	Viral nervous necrosis virus persistently replicates in the central nervous system of asymptomatic gilthead seabream and promotes a transient inflammatory response followed by the infiltration of IgM+ B lymphocytes. <i>Developmental and Comparative Immunology</i> , <b>2012</b> , 37, 429-37	3.2	34
68	Molecular characterization and transcriptional regulation of the sodium-dependent vitamin C transporter genes ( <i>slc23a1</i> and <i>slc23a2</i> ) in a teleost fish, the Senegalese sole ( <i>Solea senegalensis</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2012</b> , 161, 208-18	2.3	6
67	Dexamethasone modulates expression of genes involved in the innate immune system, growth and stress and increases susceptibility to bacterial disease in Senegalese sole ( <i>Solea senegalensis</i> Kaup, 1858). <i>Fish and Shellfish Immunology</i> , <b>2012</b> , 32, 769-78	4.3	40
66	Genetic characterization of <i>Plectorhynchus mediterraneus</i> yields important clues about genome organization and evolution of multigene families. <i>BMC Genetics</i> , <b>2012</b> , 13, 33	2.6	21
65	Molecular regulation of both dietary vitamin A and fatty acid absorption and metabolism associated with larval morphogenesis of Senegalese sole ( <i>Solea senegalensis</i> ). <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2012</b> , 161, 130-9	2.6	20
64	Effect of different diets on proteolytic enzyme activity, trypsinogen gene expression and dietary carbon assimilation in Senegalese sole ( <i>Solea senegalensis</i> ) larvae. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2011</b> , 158, 251-8	2.3	23
63	Duplication of casein genes in teleosts: molecular characterization in the Senegalese sole ( <i>Solea senegalensis</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2011</b> , 158, 304-14	2.3	13
62	Molecular characterization of a novel type II keratin gene ( <i>sseKer3</i> ) in the Senegalese sole ( <i>Solea senegalensis</i> ): Differential expression of keratin genes by salinity. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2011</b> , 160, 15-23	2.3	7

61	Molecular cloning and characterization of European seabass ( <i>Dicentrarchus labrax</i> ) and Gilthead seabream ( <i>Sparus aurata</i> ) complement component C3. <i>Fish and Shellfish Immunology</i> , <b>2011</b> , 30, 1310-22	4.3	20
60	Genomic characterization, phylogeny and gene regulation of g-type lysozyme in sole ( <i>Solea senegalensis</i> ). <i>Fish and Shellfish Immunology</i> , <b>2011</b> , 31, 925-37	4.3	29
59	Three Mx genes with differential response to VNNV infection have been identified in Gilthead seabream ( <i>Sparus aurata</i> ). <i>Molecular Immunology</i> , <b>2011</b> , 48, 1216-23	4.3	32
58	Molecular identification of genes involved in testicular steroid synthesis and characterization of the response to gonadotropic stimulation in the Senegalese sole ( <i>Solea senegalensis</i> ) testis. <i>General and Comparative Endocrinology</i> , <b>2011</b> , 172, 130-9	3	22
57	Detection of infectious pancreatic necrosis virus (IPNV) from asymptomatic redbanded seabream, <i>Pagrus auriga Valenciennes</i> , and common seabream, <i>Pagrus pagrus</i> (L.), using a non-destructive procedure. <i>Journal of Fish Diseases</i> , <b>2010</b> , 33, 311-9	2.6	10
56	Effects of stocking density and feed ration on growth and gene expression in the Senegalese sole ( <i>Solea senegalensis</i> ): potential effects on the immune response. <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 28, 296-302	4.3	128
55	Cellular and molecular immune responses of the sea bass ( <i>Dicentrarchus labrax</i> ) experimentally infected with betanodavirus. <i>Fish and Shellfish Immunology</i> , <b>2010</b> , 28, 303-11	4.3	65
54	Evolutionary relatedness of mackerels of the genus <i>Scomber</i> based on complete mitochondrial genomes: strong support to the recognition of Atlantic <i>Scomber colias</i> and Pacific <i>Scomber japonicus</i> as distinct species. <i>Gene</i> , <b>2010</b> , 452, 35-43	3.8	48
53	In vivo genotoxicity and stress defences in three flatfish species exposed to CuSO <sub>4</sub> . <i>Ecotoxicology and Environmental Safety</i> , <b>2010</b> , 73, 1279-85	7	13
52	Molecular characterization and gene expression of thyrotropin-releasing hormone in Senegalese sole ( <i>Solea senegalensis</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2010</b> , 157, 167-74	2.3	14
51	Molecular intraspecific characterization of <i>Photobacterium damsela</i> ssp. <i>damsela</i> strains affecting cultured marine fish. <i>Journal of Applied Microbiology</i> , <b>2010</b> , 108, 2122-32	4.7	23
50	Analysis of three multigene families as useful tools in species characterization of two closely-related species, <i>Dicentrarchus labrax</i> , <i>Dicentrarchus punctatus</i> and their hybrids. <i>Genes and Genetic Systems</i> , <b>2010</b> , 85, 341-9	1.4	27
49	Molecular characterization and gene expression of thyrotropin receptor (TSHR) and a truncated TSHR-like in Senegalese sole. <i>General and Comparative Endocrinology</i> , <b>2010</b> , 168, 431-9	3	13
48	A multiplex-PCR assay for the authentication of mackerels of the genus <i>Scomber</i> in processed fish products. <i>Food Chemistry</i> , <b>2010</b> , 122, 319-326	8.5	24
47	Toxicity of <i>Photobacterium damsela</i> subsp. <i>damsela</i> strains isolated from new cultured marine fish. <i>Diseases of Aquatic Organisms</i> , <b>2010</b> , 92, 31-40	1.7	26
46	The First Isolation of <i>Photobacterium damsela</i> subsp. <i>damsela</i> from Asian Seabass Lates calcarifer. <i>Fish Pathology</i> , <b>2009</b> , 44, 47-50	0.8	18
45	Molecular characterization, gene expression and transcriptional regulation of thyroid hormone receptors in Senegalese sole. <i>General and Comparative Endocrinology</i> , <b>2009</b> , 160, 139-47	3	55
44	Genomic characterization and gene expression analysis of four hepcidin genes in the redbanded seabream ( <i>Pagrus auriga</i> ). <i>Fish and Shellfish Immunology</i> , <b>2009</b> , 26, 483-91	4.3	53

43	Identification of <i>Vibrio harveyi</i> isolated from diseased cultured wedge sole <i>Dicologlossa cuneata</i> . <i>Diseases of Aquatic Organisms</i> , <b>2009</b> , 84, 209-17	1.7	15
42	Thyroid hormones down-regulate thyrotropin beta subunit and thyroglobulin during metamorphosis in the flatfish Senegalese sole ( <i>Solea senegalensis</i> Kaup). <i>General and Comparative Endocrinology</i> , <b>2008</b> , 155, 447-55	3	76
41	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> , <b>2008</b> , 9, 508	4.5	65
40	Growth, feeding and oxygen consumption of Senegalese sole ( <i>Solea senegalensis</i> ) juveniles stocked at different densities. <i>Aquaculture</i> , <b>2008</b> , 285, 84-89	4.4	46
39	Expression analysis of Mx protein and evaluation of its antiviral activity against sole aquabirnavirus in SAF-1 and TV-1 cell lines. <i>Veterinary Immunology and Immunopathology</i> , <b>2008</b> , 121, 123-9	2	10
38	Poly I:C induces Mx transcription and promotes an antiviral state against sole aquabirnavirus in the flatfish Senegalese sole ( <i>Solea senegalensis</i> Kaup). <i>Fish and Shellfish Immunology</i> , <b>2008</b> , 24, 279-85	4.3	40
37	Molecular characterization, phylogeny, and expression of c-type and g-type lysozymes in brill ( <i>Scophthalmus rhombus</i> ). <i>Fish and Shellfish Immunology</i> , <b>2008</b> , 25, 57-65	4.3	89
36	c-Lysozyme from Senegalese sole ( <i>Solea senegalensis</i> ): cDNA cloning and expression pattern. <i>Fish and Shellfish Immunology</i> , <b>2008</b> , 25, 697-700	4.3	31
35	Complete mitochondrial genome of the blackspot seabream, <i>Pagellus bogaraveo</i> (Perciformes: Sparidae), with high levels of length heteroplasmy in the WANCY region. <i>Gene</i> , <b>2008</b> , 409, 44-52	3.8	42
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33	Molecular characterization and gene expression of six trypsinogens in the flatfish Senegalese sole ( <i>Solea senegalensis</i> Kaup) during larval development and in tissues. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , <b>2008</b> , 149, 334-44	2.3	29
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31	Characterization of eight microsatellite markers in the white sea bream, <i>Diplodus sargus</i> (Teleostei, Sparidae). <i>Molecular Ecology Resources</i> , <b>2008</b> , 8, 1291-3	8.4	3
30	Complete mitochondrial DNA sequences of the frigate tuna <i>Auxis thazard</i> and the bullet tuna <i>Auxis rochei</i> . <i>DNA Sequence</i> , <b>2008</b> , 19, 159-66		19
29	Translational machinery of senegalese sole ( <i>Solea senegalensis</i> Kaup) and Atlantic halibut ( <i>Hippoglossus hippoglossus</i> L.): comparative sequence analysis of the complete set of 60s ribosomal proteins and their expression. <i>Marine Biotechnology</i> , <b>2008</b> , 10, 676-91	3.4	6
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27	Selection of housekeeping genes for gene expression studies in larvae from flatfish using real-time PCR. <i>BMC Molecular Biology</i> , <b>2008</b> , 9, 28	4.5	174
26	The complete mitochondrial genome of the Senegal sole, <i>Solea senegalensis</i> Kaup. Comparative analysis of tandem repeats in the control region among soles. <i>DNA Sequence</i> , <b>2007</b> , 18, 169-75		24



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24	NF-kappaB mediates the transcription of mouse calsarcin-1 gene, but not calsarcin-2, in C2C12 cells. <i>BMC Molecular Biology</i> , <b>2007</b> , 8, 19	4.5	8
23	Intestinal microbiota variation in Senegalese sole ( <i>Solea senegalensis</i> ) under different feeding regimes. <i>Aquaculture Research</i> , <b>2007</b> , 38, 1213-1222	1.9	53
22	Development and characterization of eight microsatellite markers in bullet tuna ( <i>Auxis rochei</i> ). <i>Molecular Ecology Notes</i> , <b>2007</b> , 7, 842-844		1
21	Comparative sequence analysis of the complete set of 40S ribosomal proteins in the Senegalese sole ( <i>Solea senegalensis</i> Kaup) and Atlantic halibut ( <i>Hippoglossus hippoglossus</i> L.) (Teleostei: Pleuronectiformes): phylogeny and tissue- and development-specific expression. <i>BMC Evolutionary Biology</i> , <b>2007</b> , 7, 107	3	21
20	Phylogenetic differentiation between Atlantic <i>Scomber colias</i> and Pacific <i>Scomber japonicus</i> based on nuclear DNA sequences. <i>Genetica</i> , <b>2007</b> , 130, 1-8	1.5	32
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