

Manuel Manchado

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156
ext. papers

3,888
ext. citations

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avg, IF

5.09
L-index

#	Paper	IF	Citations
150	Selection of housekeeping genes for gene expression studies in larvae from flatfish using real-time PCR. <i>BMC Molecular Biology</i> , 2008 , 9, 28	4.5	174
149	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> , 2010 , 28, 296-302	4.3	128
148	Molecular characterization, phylogeny, and expression of c-type and g-type lysozymes in brill (<i>Scophthalmus rhombus</i>). <i>Fish and Shellfish Immunology</i> , 2008 , 25, 57-65	4.3	89
147	Molecular characterization, gene expression and transcriptional regulation of cytosolic HSP90 genes in the flatfish Senegalese sole (<i>Solea senegalensis</i> Kaup). <i>Gene</i> , 2008 , 416, 77-84	3.8	86
146	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> , 2008 , 155, 447-55	3	76
145	In vivo transcription of the <i>Escherichia coli</i> oxyR regulon as a function of growth phase and in response to oxidative stress. <i>Journal of Bacteriology</i> , 1999 , 181, 2759-64	3.5	75
144	Cellular and molecular immune responses of the sea bass (<i>Dicentrarchus labrax</i>) experimentally infected with betanodavirus. <i>Fish and Shellfish Immunology</i> , 2010 , 28, 303-11	4.3	65
143	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
142	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> , 2014 , 15, 952	4.5	64
141	Hydrogen peroxide activates the SoxRS regulon in vivo. <i>Journal of Bacteriology</i> , 2000 , 182, 6842-4	3.5	56
140	Molecular characterization, gene expression and transcriptional regulation of thyroid hormone receptors in Senegalese sole. <i>General and Comparative Endocrinology</i> , 2009 , 160, 139-47	3	55
139	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> , 2015 , 44, 100-8	4.3	53
138	Genomic characterization and gene expression analysis of four hepcidin genes in the redbanded seabream (<i>Pagrus auriga</i>). <i>Fish and Shellfish Immunology</i> , 2009 , 26, 483-91	4.3	53
137	Intestinal microbiota variation in Senegalese sole (<i>Solea senegalensis</i>) under different feeding regimes. <i>Aquaculture Research</i> , 2007 , 38, 1213-1222	1.9	53
136	Cytogenetic characterization of the sole <i>Solea senegalensis</i> (Teleostei: Pleuronectiformes: Soleidae): Ag-NOR, (GATA) _n , (TTAGGG) _n and ribosomal genes by one-color and two-color FISH. <i>Genetica</i> , 2006 , 128, 253-9	1.5	50
135	Molecular characterization and chromosomal mapping of the 5S rRNA gene in <i>Solea senegalensis</i> : a new linkage to the U1, U2, and U5 small nuclear RNA genes. <i>Genome</i> , 2006 , 49, 79-86	2.4	49
134	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> , 2010 , 452, 35-43	3.8	48

133	Growth, feeding and oxygen consumption of Senegalese sole (<i>Solea senegalensis</i>) juveniles stocked at different densities. <i>Aquaculture</i> , 2008 , 285, 84-89	4.4	46
132	Differential gene expression and dependence on thyroid hormones of two glyceraldehyde-3-phosphate dehydrogenases in the flatfish Senegalese sole (<i>Solea senegalensis</i> Kaup). <i>Gene</i> , 2007 , 400, 1-8	3.8	46
131	Advances in genomics for flatfish aquaculture. <i>Genes and Nutrition</i> , 2013 , 8, 5-17	4.3	44
130	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> , 2008 , 409, 44-52	3.8	42
129	Insulin-like growth factors I and II in the sole <i>Solea senegalensis</i> : cDNA cloning and quantitation of gene expression in tissues and during larval development. <i>General and Comparative Endocrinology</i> , 2006 , 149, 166-72	3	42
128	First isolation of <i>Photobacterium damsela</i> ssp. <i>damsela</i> from cultured redbanded seabream, <i>Pagrus auriga Valenciennes</i> , in Spain. <i>Journal of Fish Diseases</i> , 2006 , 29, 175-9	2.6	42
127	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> , 2012 , 32, 769-78	4.3	40
126	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> , 2008 , 24, 279-85	4.3	40
125	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> , 2013 , 39, 335-49	2.7	35
124	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> , 2012 , 37, 429-37	3.2	34
123	Three Mx genes with differential response to VNNV infection have been identified in Gilthead seabream (<i>Sparus aurata</i>). <i>Molecular Immunology</i> , 2011 , 48, 1216-23	4.3	32
122	Phylogenetic differentiation between Atlantic <i>Scomber colias</i> and Pacific <i>Scomber japonicus</i> based on nuclear DNA sequences. <i>Genetica</i> , 2007 , 130, 1-8	1.5	32
121	Molecular characterization and expression analysis of five different elongation factor 1 alpha genes in the flatfish Senegalese sole (<i>Solea senegalensis</i> Kaup): differential gene expression and thyroid hormones dependence during metamorphosis. <i>BMC Molecular Biology</i> , 2008 , 9, 19	4.5	32
120	Yeast β -glucans and microalgal extracts modulate the immune response and gut microbiome in Senegalese sole (<i>Solea senegalensis</i>). <i>Fish and Shellfish Immunology</i> , 2019 , 92, 31-39	4.3	31
119	Development of the first standardised panel of two new microsatellite multiplex PCRs for gilthead seabream (<i>Sparus aurata</i> L.). <i>Animal Genetics</i> , 2013 , 44, 533-46	2.5	31
118	c-Lysozyme from Senegalese sole (<i>Solea senegalensis</i>): cDNA cloning and expression pattern. <i>Fish and Shellfish Immunology</i> , 2008 , 25, 697-700	4.3	31
117	Complete mitochondrial DNA sequence of the Atlantic bluefin tuna <i>Thunnus thynnus</i> . <i>Fisheries Science</i> , 2004 , 70, 68-73	1.9	31
116	Molecular characterization and transcriptional regulation of the Na ⁺ /K ⁺ ATPase β 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> , 2014 , 175, 23-30	2.3	30

115	Genomic characterization, phylogeny and gene regulation of g-type lysozyme in sole (<i>Solea senegalensis</i>). <i>Fish and Shellfish Immunology</i> , 2011 , 31, 925-37	4.3	29
114	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> , 2008 , 149, 334-44	2.3	29
113	Molecular characterization and gene expression analysis of insulin-like growth factors I and II in the redbanded seabream, <i>Pagrus auriga</i> : transcriptional regulation by growth hormone. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2008 , 150, 418-26	2.3	29
112	Novel method for the authentication of frigate tunas (<i>Auxis thazard</i> and <i>Auxis rochei</i>) in commercial canned products. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 7435-43	5.7	28
111	SoxRS down-regulation of rob transcription. <i>Journal of Bacteriology</i> , 2002 , 184, 4733-8	3.5	28
110	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> , 2010 , 85, 341-9	1.4	27
109	Antioxidant capacity and immunomodulatory effects of a chrysolaminarin-enriched extract in Senegalese sole. <i>Fish and Shellfish Immunology</i> , 2018 , 82, 1-8	4.3	26
108	Toxicity of <i>Photobacterium damsela</i> subsp. <i>damsela</i> strains isolated from new cultured marine fish. <i>Diseases of Aquatic Organisms</i> , 2010 , 92, 31-40	1.7	26
107	Differences in betaine lipids and fatty acids between <i>Pseudoisochrysis paradoxa</i> VLP and <i>Diacronema vlkianum</i> VLP isolates (Haptophyta). <i>Phytochemistry</i> , 2013 , 95, 224-33	4	25
106	A multiplex-PCR assay for the authentication of mackerels of the genus <i>Scomber</i> in processed fish products. <i>Food Chemistry</i> , 2010 , 122, 319-326	8.5	24
105	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> , 2007 , 18, 169-75		24
104	Mechanisms of lipid metabolism and transport underlying superior performance of Senegalese sole (<i>Solea senegalensis</i> , Kaup 1858) larvae fed diets containing n-3 polyunsaturated fatty acids. <i>Aquaculture</i> , 2016 , 450, 383-396	4.4	23
103	Two Mx genes identified in European sea bass (<i>Dicentrarchus labrax</i>) respond differently to VNNV infection. <i>Veterinary Immunology and Immunopathology</i> , 2013 , 153, 240-8	2	23
102	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> , 2015 , 46, 164-74	2.5	23
101	Flatfish metamorphosis: a hypothalamic independent process?. <i>Molecular and Cellular Endocrinology</i> , 2015 , 404, 16-25	4.4	23
100	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> , 2011 , 158, 251-8	2.3	23
99	Molecular intraspecific characterization of <i>Photobacterium damsela</i> ssp. <i>damsela</i> strains affecting cultured marine fish. <i>Journal of Applied Microbiology</i> , 2010 , 108, 2122-32	4.7	23
98	Co-occurrence of viral and bacterial pathogens in disease outbreaks affecting newly cultured sparid fish. <i>International Microbiology</i> , 2007 , 10, 193-9	3	23

97	Genomic and geographic footprints of differential introgression between two divergent fish species (<i>Solea</i> spp.). <i>Heredity</i> , 2018 , 121, 579-593	3.6	22
96	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> , 2013 , 76, 83-97	3.1	22
95	A preliminary genetic map in <i>Solea senegalensis</i> (Pleuronectiformes, Soleidae) using BAC-FISH and next-generation sequencing. <i>Cytogenetic and Genome Research</i> , 2013 , 141, 227-40	1.9	22
94	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> , 2011 , 172, 130-9	3	22
93	PCR-based methodology for the authentication of the Atlantic mackerel <i>Scomber scombrus</i> in commercial canned products. <i>Food Research International</i> , 2006 , 39, 1023-1028	7	22
92	Genetic characterization of <i>Plectorhinchus mediterraneus</i> yields important clues about genome organization and evolution of multigene families. <i>BMC Genetics</i> , 2012 , 13, 33	2.6	21
91	Molecular characterization, gene expression and dependence on thyroid hormones of two type I keratin genes (sseKer1 and sseKer2) in the flatfish Senegalese sole (<i>Solea senegalensis</i> Kaup). <i>BMC Developmental Biology</i> , 2007 , 7, 118	3.1	21
90	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> , 2007 , 7, 107	3	21
89	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> , 2015 , 445, 33-41	4.4	20
88	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 & Integrative Physiology</i> , 2012 , 161, 130-9	2.6	20
87	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> , 2011 , 30, 1310-22	4.3	20
86	Phylogeny, expression patterns and regulation of DNA Methyltransferases in early development of the flatfish, <i>Solea senegalensis</i> . <i>BMC Developmental Biology</i> , 2017 , 17, 11	3.1	19
85	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> , 2014 , 12, 61-73	2	19
84	Complete mitochondrial DNA sequences of the frigate tuna <i>Auxis thazard</i> and the bullet tuna <i>Auxis rochei</i> . <i>DNA Sequence</i> , 2008 , 19, 159-66		19
83	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> , 2016 , 20, 125-135	2	19
82	A thyroid hormone regulated asymmetric responsive centre is correlated with eye migration during flatfish metamorphosis. <i>Scientific Reports</i> , 2018 , 8, 12267	4.9	18
81	Effects of thermal stress on the expression of glucocorticoid receptor complex linked genes in Senegalese sole (<i>Solea senegalensis</i>): Acute and adaptive stress responses. <i>General and Comparative Endocrinology</i> , 2017 , 252, 173-185	3	18
80	The First Isolation of <i>Photobacterium damsela</i> subsp. <i>damsela</i> from Asian Seabass <i>Lates calcarifer</i> . <i>Fish Pathology</i> , 2009 , 44, 47-50	0.8	18

79	Selection for growth is associated in gilthead sea bream (<i>Sparus aurata</i>) with diet flexibility, changes in growth patterns and higher intestine plasticity. <i>Aquaculture</i> , 2019 , 507, 349-360	4.4	17
78	Effect of dietary vitamin C level during early larval stages in Senegalese sole (<i>Solea senegalensis</i>). <i>Aquaculture</i> , 2015 , 443, 65-76	4.4	17
77	Isolation and characterization of ten microsatellite loci for Senegal sole (<i>Solea senegalensis</i> Kaup). <i>Molecular Ecology Notes</i> , 2004 , 4, 339-341		17
76	Gene expression profiles associated with lymphocystis disease virus (LCDV) in experimentally infected Senegalese sole (<i>Solea senegalensis</i>). <i>Fish and Shellfish Immunology</i> , 2017 , 66, 129-139	4.3	16
75	Angular kinematic patterns of limbs in elite and riding horses at trot. <i>Equine Veterinary Journal</i> , 1998 , 30, 528-33	2.4	16
74	Integrated gene mapping and synteny studies give insights into the evolution of a sex proto-chromosome in <i>Solea senegalensis</i> . <i>Chromosoma</i> , 2017 , 126, 261-277	2.8	15
73	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> , 2015 , 446, 175-180	4.4	15
72	Genomic characterization and expression analysis of four apolipoprotein A-IV paralogs in Senegalese sole (<i>Solea senegalensis</i> Kaup). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2016 , 191, 84-98	2.3	15
71	Phylogenetic relationships among ten sole species (Soleidae, Pleuronectiformes) from the Gulf of Cadiz (Spain) based on mitochondrial DNA sequences. <i>Marine Biotechnology</i> , 2004 , 6, 612-24	3.4	15
70	Identification of <i>Vibrio harveyi</i> isolated from diseased cultured wedge sole <i>Dicologlossa cuneata</i> . <i>Diseases of Aquatic Organisms</i> , 2009 , 84, 209-17	1.7	15
69	Vitamin A Affects Flatfish Development in a Thyroid Hormone Signaling and Metamorphic Stage Dependent Manner. <i>Frontiers in Physiology</i> , 2017 , 8, 458	4.6	14
68	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> , 2010 , 157, 167-74	2.3	14
67	Analysis of the histone cluster in Senegalese sole (<i>Solea senegalensis</i>): evidence for a divergent evolution of two canonical histone clusters. <i>Genome</i> , 2017 , 60, 441-453	2.4	13
66	Molecular and functional characterization of seven Na ⁺ /K ⁺ -ATPase β subunit paralogs in Senegalese sole (<i>Solea senegalensis</i> Kaup, 1858). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2015 , 182, 14-26	2.3	13
65	Short- and long-term effects on growth and expression patterns in response to incubation temperatures in Senegalese sole. <i>Aquaculture</i> , 2018 , 495, 222-231	4.4	13
64	Duplication of calsequestrin genes in teleosts: molecular characterization in the Senegalese sole (<i>Solea senegalensis</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2011 , 158, 304-14	2.3	13
63	In vivo genotoxicity and stress defences in three flatfish species exposed to CuSO ₄ . <i>Ecotoxicology and Environmental Safety</i> , 2010 , 73, 1279-85	7	13
62	Molecular characterization and gene expression of thyrotropin receptor (TSHR) and a truncated TSHR-like in Senegalese sole. <i>General and Comparative Endocrinology</i> , 2010 , 168, 431-9	3	13

61	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> , 2015 , 446, 181-186	4.4	12
60	Molecular characterization and developmental expression patterns of apolipoprotein A-I in Senegalese sole (<i>Solea senegalensis</i> Kaup). <i>Gene Expression Patterns</i> , 2016 , 21, 7-18	1.5	11
59	Genomic analysis of the marine fish pathogen <i>Photobacterium damsela</i> subsp. <i>piscicida</i> : Insertion sequences proliferation is associated with chromosomal reorganisations and rampant gene decay. <i>Infection, Genetics and Evolution</i> , 2017 , 54, 221-229	4.5	11
58	Effects of dietary lipid profile on larval performance and lipid management in Senegalese sole. <i>Aquaculture</i> , 2017 , 468, 80-93	4.4	11
57	Uptake of iodide in the marine haptophyte <i>Isochrysis</i> sp. (T.ISO) driven by iodide oxidation. <i>Journal of Phycology</i> , 2013 , 49, 640-7	3	11
56	U1 and U2 small nuclear RNA genetic linkage: a novel molecular tool for identification of six sole species (Soleidae, Pleuronectiformes). <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 3765-7	5.7	11
55	Molecular characterization and transcriptional regulation by GH and GnRH of insulin-like growth factors I and II in white seabream (<i>Diplodus sargus</i>). <i>Gene</i> , 2016 , 578, 251-62	3.8	10
54	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> , 2012 , 4, 49-58	8.9	10
53	Detection of infectious pancreatic necrosis virus (IPNV) from asymptomatic redbanded seabream, <i>Pagrus auriga</i> Valenciennes, and common seabream, <i>Pagrus pagrus</i> (L.), using a non-destructive procedure. <i>Journal of Fish Diseases</i> , 2010 , 33, 311-9	2.6	10
52	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> , 2008 , 121, 123-9	2	10
51	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> , 2016 , 464, 601-608	4.4	10
50	Flushing-related changes of phytoplankton seasonal assemblages in marsh ponds of the warm temperate Guadalquivir river estuary (SW Spain). <i>Hydrobiologia</i> , 2015 , 744, 15-33	2.4	9
49	Transcriptional regulation of genes involved in retinoic acid metabolism in Senegalese sole larvae. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017 , 203, 35-46	2.3	9
48	NF-kappaB mediates the transcription of mouse calsarcin-1 gene, but not calsarcin-2, in C2C12 cells. <i>BMC Molecular Biology</i> , 2007 , 8, 19	4.5	8
47	<i>Photobacterium toruni</i> sp. nov., a bacterium isolated from diseased farmed fish. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 4518-4525	2.2	8
46	Understanding pseudo-albinism in sole (<i>Solea senegalensis</i>): a transcriptomics and metagenomics approach. <i>Scientific Reports</i> , 2019 , 9, 13604	4.9	7
45	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> , 2019 , 89, 710-718	4.3	7
44	First approach to studying the genetics of the meagre (<i>Argyrosomus regius</i> ; Asso, 1801) using three multigene families. <i>Aquaculture Research</i> , 2013 , 44, 974-984	1.9	7

43	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 & Integrative Physiology</i> , 2015 , 184, 6-19	2.6	7
42	Molecular characterization of a novel type II keratin gene (sseKer3) 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> , 2011 , 160, 15-23	2.3	7
41	Current status in other finfish species 2016 , 195-221		7
40	<i>Photobacterium malacitanum</i> sp. nov., and <i>Photobacterium andalusiense</i> sp. nov., two new bacteria isolated from diseased farmed fish in Southern Spain. <i>Systematic and Applied Microbiology</i> , 2018 , 41, 444-451	4.2	7
39	Olfactory sensitivity of the marine flatfish to conspecific body fluids. <i>Journal of Experimental Biology</i> , 2017 , 220, 2057-2065	3	6
38	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> , 2015 , 46, 45-58	1.9	6
37	Nanostructured recombinant protein particles raise specific antibodies against the nodavirus NNV coat protein in sole. <i>Fish and Shellfish Immunology</i> , 2020 , 99, 578-586	4.3	6
36	Heritability Estimates and Genetic Correlation for Growth Traits and LCDV Susceptibility in Gilthead Sea Bream (<i>Sparus aurata</i>). <i>Fishes</i> , 2020 , 5, 2	2.5	6
35	Assessing the role of vitamin C and iron in early larvae stages of <i>Solea senegalensis</i> fed enriched <i>Artemia</i> . <i>Aquaculture</i> , 2018 , 488, 145-154	4.4	6
34	Description of New and Amended Clades of the Genus <i>Photobacterium</i> . <i>Microorganisms</i> , 2018 , 6,	4.9	6
33	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> , 2012 , 161, 208-18	2.3	6
32	Temporal and linear kinematics in elite and riding horses at the trot. <i>Journal of Equine Veterinary Science</i> , 1998 , 18, 835-839	1.2	6
31	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> , 2008 , 10, 676-91	3.4	6
30	Multiplex-Polymerase Chain Reaction Assay for the Authentication of the Mackerel <i>Scomber colias</i> in Commercial Canned Products. <i>Journal of AOAC INTERNATIONAL</i> , 2006 , 89, 708-711	1.7	6
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10	Development and characterization of eight microsatellite markers in bullet tuna (<i>Auxis rochei</i>). <i>Molecular Ecology Notes</i> , 2007 , 7, 842-844		1
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