

# Jorge M O Fernandes

## List of Publications by Year in descending order

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136  
papers

4,778  
citations

87723

38  
h-index

123241

61  
g-index

139  
all docs

139  
docs citations

139  
times ranked

4430  
citing authors

#	ARTICLE	IF	CITATIONS
1	Crustins: Enigmatic WAP domain-containing antibacterial proteins from crustaceans. <i>Developmental and Comparative Immunology</i> , 2008, 32, 758-772.	1.0	240
2	Anti-microbial properties of histone H2A from skin secretions of rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Biochemical Journal</i> , 2002, 368, 611-620.	1.7	164
3	What determines growth potential and juvenile quality of farmed fish species?. <i>Reviews in Aquaculture</i> , 2013, 5, S168.	4.6	147
4	Isolation and characterisation of oncorhynchin II, a histone H1-derived antimicrobial peptide from skin secretions of rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Developmental and Comparative Immunology</i> , 2004, 28, 127-138.	1.0	146
5	Proteome reference map of the skin mucus of Atlantic cod ( <i>Gadus morhua</i> ) revealing immune competent molecules. <i>Fish and Shellfish Immunology</i> , 2011, 31, 224-231.	1.6	135
6	Transcriptional regulation of cytokines in the intestine of Atlantic cod fed yeast derived mannan oligosaccharide or $\beta$ -Glucan and challenged with <i>Vibrio anguillarum</i> . <i>Fish and Shellfish Immunology</i> , 2012, 33, 626-631.	1.6	115
7	Molecular evolution of zebrafish <i>dnmt3</i> genes and thermal plasticity of their expression during embryonic development. <i>Gene</i> , 2012, 500, 93-100.	1.0	114
8	Selection of suitable reference genes for real-time PCR studies of Atlantic halibut development. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2008, 150, 23-32.	0.7	112
9	Dietary lipid levels have a remarkable impact on the expression of growth-related genes in Senegalese sole ( <i>Solea senegalensis</i> Kaup). <i>Journal of Experimental Biology</i> , 2010, 213, 200-209.	0.8	95
10	Sex-Biased miRNA Expression in Atlantic Halibut ( <i>Hippoglossus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (hippoglossus). <i>Journal of Experimental Biology</i> , 2010, 213, 200-209.	1.1	95
11	Temperature affects methylation of the <i>myogenin</i> putative promoter, its expression and muscle cellularity in Senegalese sole larvae. <i>Epigenetics</i> , 2013, 8, 389-397.	1.3	82
12	Atlantic Cod Piscidin and Its Diversification through Positive Selection. <i>PLoS ONE</i> , 2010, 5, e9501.	1.1	80
13	Differential expression patterns of conserved miRNAs and isomiRs during Atlantic halibut development. <i>BMC Genomics</i> , 2012, 13, 11.	1.2	80
14	Antibacterial proteins in rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Fish and Shellfish Immunology</i> , 2000, 10, 243-260.	1.6	78
15	A novel antimicrobial function for a ribosomal peptide from rainbow trout skin. <i>Biochemical and Biophysical Research Communications</i> , 2002, 296, 167-171.	1.0	78
16	Oncorhynchin III: a potent antimicrobial peptide derived from the non-histone chromosomal protein H6 of rainbow trout, <i>Oncorhynchus mykiss</i> . <i>Biochemical Journal</i> , 2003, 373, 621-628.	1.7	71
17	Exploring the Transcriptome of Atlantic Salmon ( <i>Salmo salar</i> ) Skin, a Major Defense Organ. <i>Marine Biotechnology</i> , 2012, 14, 559-569.	1.1	69
18	Identification and migration of primordial germ cells in Atlantic salmon, <i>Salmo salar</i> : Characterization of <i>Vasa</i> , <i>Dead End</i> , and <i>Lymphocyte antigen 75</i> genes. <i>Molecular Reproduction and Development</i> , 2013, 80, 118-131.	1.0	69

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19	Succession of embryonic and the intestinal bacterial communities of Atlantic salmon (<i>Salmo Tj ETQq1 1 0.784314 rgBT /Oyerlock	1.2	68
20	Differential expression and biological activity of two piscidin paralogues and a novel splice variant in Atlantic cod ( <i>Gadus morhua</i> L.). <i>Fish and Shellfish Immunology</i> , 2012, 32, 396-406.	1.6	67
21	Dynamics of miRNA transcriptome during gonadal development of zebrafish. <i>Scientific Reports</i> , 2017, 7, 43850.	1.6	66
22	Diversification of the expanded teleost-specific toll-like receptor family in Atlantic cod, <i>Gadus morhua</i> . <i>BMC Evolutionary Biology</i> , 2012, 12, 256.	3.2	65
23	Plant protein blends in diets for Senegalese sole affect skeletal muscle growth, flesh texture and the expression of related genes. <i>Aquaculture</i> , 2016, 453, 77-85.	1.7	64
24	Application of antimicrobial polypeptide host defenses to aquaculture: Exploitation of downregulation and upregulation responses. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2011, 6, 44-54.	0.4	62
25	Incubation temperature induces changes in muscle cellularity and gene expression in Senegalese sole ( <i>Solea senegalensis</i> ). <i>Gene</i> , 2013, 516, 209-217.	1.0	58
26	Thermal plasticity of the miRNA transcriptome during Senegalese sole development. <i>BMC Genomics</i> , 2014, 15, 525.	1.2	58
27	Thermal stress resistance of the brown alga <i>Fucus serratus</i> along the North-Atlantic coast: Acclimatization potential to climate change. <i>Marine Genomics</i> , 2014, 13, 27-36.	0.4	57
28	Daily Rhythmicity of Clock Gene Transcripts in Atlantic Cod Fast Skeletal Muscle. <i>PLoS ONE</i> , 2014, 9, e99172.	1.1	57
29	Positive selection pressure within teleost toll-like receptors tlr21 and tlr22 subfamilies and their response to temperature stress and microbial components in zebrafish. <i>Molecular Biology Reports</i> , 2012, 39, 8965-8975.	1.0	54
30	Biochemical composition and performance of Atlantic cod ( <i>Gadus morhua</i> L.) eggs and larvae obtained from farmed and wild broodstocks. <i>Aquaculture</i> , 2012, 324-325, 267-275.	1.7	53
31	A Novel Beta-Defensin Antimicrobial Peptide in Atlantic Cod with Stimulatory Effect on Phagocytic Activity. <i>PLoS ONE</i> , 2013, 8, e62302.	1.1	50
32	Parental micronutrient deficiency distorts liver DNA methylation and expression of lipid genes associated with a fatty-liver-like phenotype in offspring. <i>Scientific Reports</i> , 2018, 8, 3055.	1.6	50
33	Lactobacillus Dominate in the Intestine of Atlantic Salmon Fed Dietary Probiotics. <i>Frontiers in Microbiology</i> , 2018, 9, 3247.	1.5	50
34	Macroalga-Derived Alginate Oligosaccharide Alters Intestinal Bacteria of Atlantic Salmon. <i>Frontiers in Microbiology</i> , 2019, 10, 2037.	1.5	49
35	Maternal gene expression in Atlantic halibut ( <i>Hippoglossus hippoglossus</i> L.) and its relation to egg quality. <i>BMC Research Notes</i> , 2010, 3, 138.	0.6	45
36	Transcriptome of Atlantic Cod ( <i>Gadus morhua</i> L.) Early Embryos from Farmed and Wild Broodstocks. <i>Marine Biotechnology</i> , 2013, 15, 677-694.	1.1	43

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37	Dietary Yeast Cell Wall Extract Alters the Proteome of the Skin Mucous Barrier in Atlantic Salmon ( <i>Salmo salar</i> ): Increased Abundance and Expression of a Calreticulin-Like Protein. <i>PLoS ONE</i> , 2017, 12, e0169075.	1.1	41
38	Antibiotic-Induced Perturbations Are Manifested in the Dominant Intestinal Bacterial Phyla of Atlantic Salmon. <i>Microorganisms</i> , 2019, 7, 233.	1.6	41
39	Evolution of a multifunctional gene: The warm temperature acclimation protein Wap65 in the European seabass <i>Dicentrarchus labrax</i> . <i>Molecular Phylogenetics and Evolution</i> , 2010, 55, 640-649.	1.2	40
40	Influence of continuous light treatment on expression of stress biomarkers in Atlantic cod. <i>Developmental and Comparative Immunology</i> , 2014, 44, 30-34.	1.0	38
41	Parental vitamin deficiency affects the embryonic gene expression of immune-, lipid transport- and apolipoprotein genes. <i>Scientific Reports</i> , 2016, 6, 34535.	1.6	37
42	Expression of vasa and nanos3 during primordial germ cell formation and migration in Atlantic cod ( <i>Gadus morhua</i> L.). <i>Theriogenology</i> , 2012, 78, 1262-1277.	0.9	36
43	Influence of photoperiod on expression of DNA (cytosine-5) methyltransferases in Atlantic cod. <i>Gene</i> , 2013, 519, 222-230.	1.0	36
44	Expression of growth-related genes in muscle during fasting and refeeding of juvenile Atlantic halibut, <i>Hippoglossus hippoglossus</i> L.. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2009, 152, 47-53.	0.7	35
45	Antimicrobial activity in the tissues of Atlantic cod ( <i>Gadus morhua</i> L.). <i>Fish and Shellfish Immunology</i> , 2010, 28, 879-886.	1.6	35
46	Comparative genomics in teleost species: Knowledge transfer by linking the genomes of model and non-model fish species. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2011, 6, 92-102.	0.4	35
47	Localization and functional properties of two galectin-1 proteins in Atlantic cod ( <i>Gadus morhua</i> ) mucosal tissues. <i>Developmental and Comparative Immunology</i> , 2013, 40, 83-93.	1.0	35
48	Exposure to Yeast Shapes the Intestinal Bacterial Community Assembly in Zebrafish Larvae. <i>Frontiers in Microbiology</i> , 2018, 9, 1868.	1.5	35
49	Profiling of maternal and developmental-stage specific mRNA transcripts in Atlantic halibut <i>Hippoglossus hippoglossus</i> . <i>Gene</i> , 2007, 386, 202-210.	1.0	34
50	Photoperiod Influences Growth and mll (Mixed-Lineage Leukaemia) Expression in Atlantic Cod. <i>PLoS ONE</i> , 2012, 7, e36908.	1.1	33
51	Innate immune response, intestinal morphology and microbiota changes in Senegalese sole fed plant protein diets with probiotics or autolysed yeast. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 7223-7238.	1.7	31
52	Changes in intestinal microbiota, immune- and stress-related transcript levels in Senegalese sole ( <i>Solea senegalensis</i> ) fed plant ingredient diets intercropped with probiotics or immunostimulants. <i>Aquaculture</i> , 2016, 458, 149-157.	1.7	31
53	Major gene expression changes and epigenetic remodelling in Nile tilapia muscle after just one generation of domestication. <i>Epigenetics</i> , 2020, 15, 1052-1067.	1.3	31
54	Profiling of the embryonic Atlantic halibut ( <i>Hippoglossus hippoglossus</i> L.) transcriptome reveals maternal transcripts as potential markers of embryo quality. <i>BMC Genomics</i> , 2014, 15, 829.	1.2	30

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55	Contrasting transcriptome response to thermal stress in two key zooplankton species, <i>Calanus finmarchicus</i> and <i>C. glacialis</i> . <i>Marine Ecology - Progress Series</i> , 2015, 534, 79-93.	0.9	30
56	A genomic approach to reveal novel genes associated with myotube formation in the model teleost, <i>Takifugu rubripes</i> . <i>Physiological Genomics</i> , 2005, 22, 327-338.	1.0	29
57	Intestinal Transcriptome Analysis Reveals Soy Derivative-Linked Changes in Atlantic Salmon. <i>Frontiers in Immunology</i> , 2020, 11, 596514.	2.2	29
58	Acclimation of Zebrafish to Transport Stress. <i>Zebrafish</i> , 2013, 10, 87-98.	0.5	28
59	Low incubation temperature during early development negatively affects survival and related innate immune processes in zebrafish larvae exposed to lipopolysaccharide. <i>Scientific Reports</i> , 2018, 8, 4142.	1.6	28
60	Differences in the fast muscle methylome provide insight into sex-specific epigenetic regulation of growth in Nile tilapia during early stages of domestication. <i>Epigenetics</i> , 2019, 14, 818-836.	1.3	28
61	Myogenin in model pufferfish species: Comparative genomic analysis and thermal plasticity of expression during early development. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2006, 1, 35-45.	0.4	27
62	Characterization of Novel Precursor miRNAs Using Next Generation Sequencing and Prediction of miRNA Targets in Atlantic Halibut. <i>PLoS ONE</i> , 2013, 8, e61378.	1.1	27
63	The Intestinal Mycobiota in Wild Zebrafish Comprises Mainly Dothideomycetes While Saccharomycetes Predominate in Their Laboratory-Reared Counterparts. <i>Frontiers in Microbiology</i> , 2018, 9, 387.	1.5	26
64	Partial purification of antibacterial proteinaceous factors from erythrocytes of <i>Oncorhynchus mykiss</i> . <i>Fish and Shellfish Immunology</i> , 2004, 16, 1-9.	1.6	25
65	Micronutrient supplementation affects transcriptional and epigenetic regulation of lipid metabolism in a dose-dependent manner. <i>Epigenetics</i> , 2021, 16, 1217-1234.	1.3	25
66	Liver Transcriptome Changes in Zebrafish during Acclimation to Transport-Associated Stress. <i>PLoS ONE</i> , 2013, 8, e65028.	1.1	24
67	Function of Circular RNAs in Fish and Their Potential Application as Biomarkers. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7119.	1.8	24
68	Two novel muramidases from skin mucosa of rainbow trout ( <i>Oncorhynchus mykiss</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2004, 138, 53-64.	0.7	23
69	FoxK1 splice variants show developmental stage-specific plasticity of expression with temperature in the tiger pufferfish. <i>Journal of Experimental Biology</i> , 2007, 210, 3461-3472.	0.8	23
70	Growth and development of skeletal anomalies in diploid and triploid Atlantic salmon ( <i>Salmo salar</i> ) fed phosphorus-rich diets with fish meal and hydrolyzed fish protein. <i>PLoS ONE</i> , 2018, 13, e0194340.	1.1	23
71	Novel application of nitrifying bacterial consortia to ease ammonia toxicity in ornamental fish transport units: trials with zebrafish. <i>Journal of Applied Microbiology</i> , 2011, 111, 278-292.	1.4	22
72	Glutamine synthetase activity and the expression of three <i>glul</i> paralogues in zebrafish during transport. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2012, 163, 274-284.	0.7	22

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73	Protein profiling in the gut of <i>Penaeus monodon</i> gavaged with oral WSSV vaccines and live white spot syndrome virus. <i>Proteomics</i> , 2014, 14, 1660-1673.	1.3	22
74	Differential regulation of multiple alternatively spliced transcripts of MyoD. <i>Gene</i> , 2007, 391, 178-185.	1.0	20
75	Ubiquitous presence of piscidin-1 in Atlantic cod as evidenced by immunolocalisation. <i>BMC Veterinary Research</i> , 2012, 8, 46.	0.7	20
76	Thermal conditions during larval pelagic phase influence subsequent somatic growth of Senegalese sole by modulating gene expression and muscle growth dynamics. <i>Aquaculture</i> , 2013, 414-415, 46-55.	1.7	20
77	Sexually dimorphic transcription of estrogen receptors in cod gonads throughout a reproductive cycle. <i>Journal of Molecular Endocrinology</i> , 2014, 52, 357-371.	1.1	20
78	Transcriptional regulation of antimicrobial peptides in mucosal tissues of Atlantic cod <i>Gadus morhua</i> L. in response to different stimuli. <i>Aquaculture Research</i> , 2014, 45, 1893-1905.	0.9	20
79	Paralogues From the Expanded Tlr11 Gene Family in Mudskipper ( <i>Boleophthalmus pectinirostris</i> ) Are Under Positive Selection and Respond Differently to LPS/Poly(I:C) Challenge. <i>Frontiers in Immunology</i> , 2019, 10, 343.	2.2	20
80	Dietary inclusion of plant ingredients induces epigenetic changes in the intestine of zebrafish. <i>Epigenetics</i> , 2020, 15, 1035-1051.	1.3	20
81	Expression of the Antimicrobial Peptide Piscidin 1 and Neuropeptides in Fish Gill and Skin: A Potential Participation in Neuro-Immune Interaction. <i>Marine Drugs</i> , 2022, 20, 145.	2.2	20
82	Larval dietary protein complexity affects the regulation of muscle growth and the expression of DNA methyltransferases in Senegalese sole. <i>Aquaculture</i> , 2018, 491, 28-38.	1.7	19
83	Development and Validation of a Liquid Chromatography High-Resolution Mass Spectrometry Method for the Simultaneous Determination of Mycotoxins and Phytoestrogens in Plant-Based Fish Feed and Exposed Fish. <i>Toxins</i> , 2019, 11, 222.	1.5	19
84	The supplementation of a microdiet with crystalline indispensable amino-acids affects muscle growth and the expression pattern of related genes in Senegalese sole ( <i>Solea senegalensis</i> ) larvae. <i>Aquaculture</i> , 2016, 458, 158-169.	1.7	18
85	Dietary protein complexity modulates growth, protein utilisation and the expression of protein digestion-related genes in Senegalese sole larvae. <i>Aquaculture</i> , 2017, 479, 273-284.	1.7	18
86	Circulating small non-coding RNAs provide new insights into vitamin K nutrition and reproductive physiology in teleost fish. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 39-51.	1.1	18
87	Profiling of key apoptotic, stress, and immune-related transcripts during embryonic and postembryonic development of Atlantic cod ( <i>Gadus morhua</i> L.). <i>Theriogenology</i> , 2012, 78, 1583-1596.e2.	0.9	17
88	Circadian rhythmicity and photic plasticity of myosin gene transcription in fast skeletal muscle of Atlantic cod ( <i>Gadus morhua</i> ). <i>Marine Genomics</i> , 2014, 18, 21-29.	0.4	17
89	Kisspeptin Influences the Reproductive Axis and Circulating Levels of microRNAs in Senegalese Sole. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9051.	1.8	17
90	Expression of acetylcholine, its contribution to regulation of immune function and O2 sensing and phylogenetic interpretations of the African butterfly fish <i>Pantodon buchholzi</i> (Osteoglossiformes.) <i>Tj ETQq0 0 0 rg16/Overlock 10 Tf 50</i>		

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91	Identification of the Atlantic cod l-amino acid oxidase and its alterations following bacterial exposure. <i>Developmental and Comparative Immunology</i> , 2015, 50, 116-120.	1.0	16
92	Neuroepithelial cells (NECs) and mucous cells express a variety of neurotransmitters and neurotransmitter receptors in the gill and respiratory air-sac of the catfish <i>Heteropneustes fossilis</i> (Siluriformes, Heteropneustidae): a possible role in local immune defence. <i>Zoology</i> , 2021, 148, 125958.	0.6	16
93	Transcriptome Sequencing, De Novo Assembly and Differential Gene Expression Analysis of the Early Development of <i>Acipenser baeri</i> . <i>PLoS ONE</i> , 2015, 10, e0137450.	1.1	15
94	A new strain group of common carp: The genetic differences and admixture events between <i>Cyprinus carpio</i> breeds. <i>Ecology and Evolution</i> , 2020, 10, 5431-5439.	0.8	15
95	Induced Autoimmunity against Gonadal Proteins Affects Gonadal Development in Juvenile Zebrafish. <i>PLoS ONE</i> , 2014, 9, e114209.	1.1	15
96	A Little Goes a Long Way: Improved growth in Atlantic cod ( <i>Gadus morhua</i> ) fed small amounts of wild zooplankton. <i>Aquaculture</i> , 2016, 451, 271-282.	1.7	14
97	Nucleotide Enrichment of Live Feed: A Promising Protocol for Rearing of Atlantic Cod <i>Gadus morhua</i> Larvae. <i>Marine Biotechnology</i> , 2012, 14, 544-558.	1.1	13
98	Rearing temperature affects Senegalese sole ( <i>Solea senegalensis</i> ) larvae protein metabolic capacity. <i>Fish Physiology and Biochemistry</i> , 2013, 39, 1485-1496.	0.9	13
99	Shedding the Light on <i>Litopenaeus vannamei</i> Differential Muscle and Hepatopancreas Immune Responses in White Spot Syndrome Virus (WSSV) Exposure. <i>Genes</i> , 2020, 11, 805.	1.0	12
100	Epigenetic mapping of the somatotrophic axis in Nile tilapia reveals differential DNA hydroxymethylation marks associated with growth. <i>Genomics</i> , 2021, 113, 2953-2964.	1.3	12
101	CircParser: a novel streamlined pipeline for circular RNA structure and host gene prediction in non-model organisms. <i>PeerJ</i> , 2020, 8, e8757.	0.9	12
102	Genomic, evolutionary, and expression analyses of <i>cee</i> , an ancient gene involved in normal growth and development. <i>Genomics</i> , 2008, 91, 315-325.	1.3	11
103	<i>Pseudozyma</i> Priming Influences Expression of Genes Involved in Metabolic Pathways and Immunity in Zebrafish Larvae. <i>Frontiers in Immunology</i> , 2020, 11, 978.	2.2	11
104	Characterization of two paralogous muscleblind-like genes from the tiger pufferfish ( <i>Takifugu</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 180-186.	0.7	10
105	Evaluation of immune and apoptosis related gene responses using an RNAi approach in vaccinated <i>Penaeus monodon</i> during oral WSSV infection. <i>Marine Genomics</i> , 2014, 18, 55-65.	0.4	10
106	Digestive tract morphology and enzyme activities of juvenile diploid and triploid Atlantic salmon ( <i>Salmo salar</i> ) fed fishmeal-based diets with or without fish protein hydrolysates. <i>PLoS ONE</i> , 2021, 16, e0245216.	1.1	10
107	Antimicrobial Peptides of the Innate Immune System. , 2009, , 241-275.		10
108	Early fish domestication affects methylation of key genes involved in the rapid onset of the farmed phenotype. <i>Epigenetics</i> , 2022, 17, 1281-1298.	1.3	10

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109	Molecular regulation of muscle development and growth in Senegalese sole larvae exposed to temperature fluctuations. <i>Aquaculture</i> , 2014, 432, 418-425.	1.7	9
110	Nanoencapsulated Clove Oil Applied as an Anesthetic at Slaughtering Decreases Stress, Extends the Freshness, and Lengthens Shelf Life of Cultured Fish. <i>Foods</i> , 2020, 9, 1750.	1.9	9
111	Adherent Intestinal Cells From Atlantic Salmon Show Phagocytic Ability and Express Macrophage-Specific Genes. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 580848.	1.8	9
112	Management of Hypercholesterolemia Through Dietary ̳-glucansâ€“Insights From a Zebrafish Model. <i>Frontiers in Nutrition</i> , 2021, 8, 797452.	1.6	9
113	Immunohistochemical and ultrastructural study of the immune cell system and epithelial surfaces of the respiratory organs in the bimodallyâ€“breathing African sharp-tooth catfish ( <i>Clarias gariepinus</i> ) Tj ETQq1 1 0.784314 rgBT8/Overlock	1.0	4
114	Plant-Based Diets Induce Transcriptomic Changes in Muscle of Zebrafish and Atlantic Salmon. <i>Frontiers in Genetics</i> , 2020, 11, 575237.	1.1	7
115	Metabolic and molecular signatures of improved growth in Atlantic salmon ( <i>Salmo salar</i> ) fed surplus levels of methionine, folic acid, vitamin B <sub>6</sub> and B <sub>12</sub> throughout smoltification. <i>British Journal of Nutrition</i> , 2022, 127, 1289-1302.	1.2	6
116	The first mitochondrial 5-methylcytosine map in a non-model teleost ( <i>Oreochromis niloticus</i> ) reveals extensive strand-specific and non-CpG methylation. <i>Genomics</i> , 2021, 113, 3050-3057.	1.3	6
117	In vitro and ex vivo models indicate that the molecular clock in fast skeletal muscle of Atlantic cod is not autonomous. <i>Molecular Biology Reports</i> , 2014, 41, 6679-6689.	1.0	5
118	Transcriptome sequencing and histology reveal dosage compensation in the liver of triploid pre-smolt Atlantic salmon. <i>Scientific Reports</i> , 2020, 10, 16836.	1.6	5
119	Micronutrient supplementation affects DNA methylation in male gonads with potential intergenerational epigenetic inheritance involving the embryonic development through glutamate receptor-associated genes. <i>BMC Genomics</i> , 2022, 23, 115.	1.2	5
120	Population genomics of introduced Nile tilapia ( <i>Oreochromis niloticus</i> ) (Linnaeus, 1758) in the Democratic Republic of the Congo: Repeated introductions since colonial times with multiple sources. <i>Molecular Ecology</i> , 2022, 31, 3304-3322.	2.0	5
121	Validation of Endogenous Reference Genes for qPCR Quantification of Muscle Transcripts in Atlantic Cod Subjected to Different Photoperiod Regimes. , 2012, , .		4
122	The conserved Phe GH5 of importance for hemoglobin intersubunit contact is mutated in gadoid fish. <i>BMC Evolutionary Biology</i> , 2014, 14, 54.	3.2	4
123	See-Thru-Gonad zebrafish line: developmental and functional validation. <i>Reproduction</i> , 2016, 152, 507-517.	1.1	4
124	Intergenerational Transfer of Persistent Bacterial Communities in Female Nile Tilapia. <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	4
125	Structural Identification of the Pacemaker Cells and Expression of Hyperpolarization-Activated Cyclic Nucleotide-Gated (HCN) Channels in the Heart of the Wild Atlantic Cod, <i>Gadus morhua</i> (Linnaeus.) Tj ETQq1 1 0.784314 rgBT8/Overlock	1.0	4
126	Power Play of Commensal Bacteria in the Buccal Cavity of Female Nile Tilapia. <i>Frontiers in Microbiology</i> , 2021, 12, 773351.	1.5	3



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127	Microsatellite Analysis of Five Populations of <i>Alosa braschnikowi</i> (Borodin, 1904) Across the Southern Coast of the Caspian Sea. <i>Frontiers in Genetics</i> , 2019, 10, 760.	1.1	2
128	Diazinon negatively affects the integrity of environmental DNA stability: a case study with common carp ( <i>Cyprinus carpio</i> ). <i>Environmental Monitoring and Assessment</i> , 2019, 191, 672.	1.3	2
129	Genetic Investigation of Aral Wild Common Carp Populations ( <i>Cyprinus carpio</i> ) Using ddRAD Sequencing. <i>Diversity</i> , 2021, 13, 295.	0.7	2
130	Breeding Strategy Shapes the Composition of Bacterial Communities in Female Nile Tilapia Reared in a Recirculating Aquaculture System. <i>Frontiers in Microbiology</i> , 2021, 12, 709611.	1.5	2
131	Integration of Morphometrics and Machine Learning Enables Accurate Distinction between Wild and Farmed Common Carp. <i>Life</i> , 2022, 12, 957.	1.1	2
132	Genomics in Aquaculture (GIA) 2009 symposium. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2011, 6, 9-10.	0.4	1
133	GIA 2011: Genomics in Aquaculture 2011 Symposium. <i>Marine Biotechnology</i> , 2012, 14, 513-514.	1.1	1
134	Substantial Downregulation of Myogenic Transcripts in Skeletal Muscle of Atlantic Cod during the Spawning Period. <i>PLoS ONE</i> , 2016, 11, e0148374.	1.1	1
135	Macrophage Heterogeneity in the Intestinal Cells of Salmon: Hints From Transcriptomic and Imaging Data. <i>Frontiers in Immunology</i> , 2021, 12, 798156.	2.2	1
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