Pin Nie

List of Publications by Year
in descending order

233	6,668	57758	102487
papers	citations	44 h-index	66 g-index

234	234	234	4161
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Origin and evolution of the RIG-I like RNA helicase gene family. BMC Evolutionary Biology, 2009, 9, 85.	3.2	217
2	Expression and Functional Characterization of the RIG-I-Like Receptors MDA5 and LGP2 in Rainbow Trout (Oncorhynchus mykiss). Journal of Virology, 2011, 85, 8403-8412.	3.4	206
3	Global characterization of interferon regulatory factor (IRF) genes in vertebrates: Glimpse of the diversification in evolution. BMC Immunology, 2010, 11, 22.	2.2	202
4	Two Cathelicidin Genes Are Present in both Rainbow Trout (Oncorhynchus mykiss) and Atlantic Salmon (Salmo salar). Antimicrobial Agents and Chemotherapy, 2006, 50, 185-195.	3.2	160
5	Retinoic acidâ€inducible gene I (<scp>RIG</scp>â€I)â€like receptors (<scp>RLR</scp>s) in fish: current knowledge and future perspectives. Immunology, 2017, 151, 16-25.	4.4	124
6	Cloning and expression of Toll-like receptors 1 and 2 from a teleost fish, the orange-spotted grouper Epinephelus coioides. Veterinary Immunology and Immunopathology, 2011, 141, 173-182.	1.2	103
7	Distribution of IgM, IgD and IgZ in mandarin fish, Siniperca chuatsi lymphoid tissues and their transcriptional changes after Flavobacterium columnare stimulation. Aquaculture, 2009, 288, 14-21.	3.5	101
8	Fish type I and type <scp>II</scp> interferons: composition, receptor usage, production and function. Reviews in Aquaculture, 2020, 12, 773-804.	9.0	101
9	Diversity, specificity and speciation in larval Diplostomidae (Platyhelminthes: Digenea) in the eyes of freshwater fish, as revealed by DNA barcodes. International Journal for Parasitology, 2015, 45, 841-855.	3.1	95
10	Molecular characterization and expression analysis of nuclear oligomerization domain proteins NOD1 and NOD2 in grass carp Ctenopharyngodon idella. Fish and Shellfish Immunology, 2010, 28, 18-29.	3.6	94
11	The biological effects of rainbow trout (Oncorhynchus mykiss) recombinant interleukin-8. Developmental and Comparative Immunology, 2008, 32, 673-681.	2.3	93
12	Intron-Containing Type I and Type III IFN Coexist in Amphibians: Refuting the Concept That a Retroposition Event Gave Rise to Type I IFNs. Journal of Immunology, 2010, 184, 5038-5046.	0.8	88
13	Phylogenetic analysis of vertebrate CXC chemokines reveals novel lineage specific groups in teleost fish. Developmental and Comparative Immunology, 2013, 41, 137-152.	2.3	88
14	Spring Viremia of Carp Virus N Protein Suppresses Fish IFNÏ†1 Production by Targeting the Mitochondrial Antiviral Signaling Protein. Journal of Immunology, 2016, 196, 3744-3753.	0.8	86
15	IFN Regulatory Factor 10 Is a Negative Regulator of the IFN Responses in Fish. Journal of Immunology, 2014, 193, 1100-1109.	0.8	84
16	Gene structure of an antimicrobial peptide from mandarin fish, Siniperca chuatsi (Basilewsky), suggests that moronecidins and pleurocidins belong in one family: the piscidins. Journal of Fish Diseases, 2007, 30, 335-343.	1.9	78
17	Identification of an additional two-cysteine containing type I interferon in rainbow trout Oncorhynchus mykiss provides evidence of a major gene duplication event within this gene family in teleosts. Immunogenetics, 2009, 61, 315-325.	2.4	77
18	The P Protein of Spring Viremia of Carp Virus Negatively Regulates the Fish Interferon Response by Inhibiting the Kinase Activity of TANK-Binding Kinase 1. Journal of Virology, 2016, 90, 10728-10737.	3.4	76

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19	The Type IX Secretion System Is Required for Virulence of the Fish Pathogen Flavobacterium columnare. Applied and Environmental Microbiology, 2017, 83, .	3.1	74
20	Cloning of two rainbow trout nucleotide-binding oligomerization domain containing 2 (NOD2) splice variants and functional characterization of the NOD2 effector domains. Fish and Shellfish Immunology, 2011, 30, 118-127.	3.6	73
21	Characterization of Sexual Trait Development in cyp17a1-Deficient Zebrafish. Endocrinology, 2018, 159, 3549-3562.	2.8	71
22	Higher antiviral response of RIG-I through enhancing RIG-I/MAVS-mediated signaling by its long insertion variant in zebrafish. Fish and Shellfish Immunology, 2015, 43, 13-24.	3.6	65
23	Molecular characterization and expression analysis of the IFN-gamma related gene (IFN-Î³rel) in grass carp Ctenopharyngodon idella. Veterinary Immunology and Immunopathology, 2010, 134, 199-207.	1.2	63
24	EseG, an Effector of the Type III Secretion System of Edwardsiella tarda , Triggers Microtubule Destabilization. Infection and Immunity, 2010, 78, 5011-5021.	2.2	62
25	Intracellular Interferons in Fish: A Unique Means to Combat Viral Infection. PLoS Pathogens, 2013, 9, e1003736.	4.7	61
26	Melanoma differentiationâ€associated gene 5 in zebrafish provoking higher interferonâ€promoter activity through signalling enhancing of its shorter splicing variant. Immunology, 2014, 141, 192-202.	4.4	61
27	Distinctive Structural Hallmarks and Biological Activities of the Multiple Cathelicidin Antimicrobial Peptides in a Primitive Teleost Fish. Journal of Immunology, 2015, 194, 4974-4987.	0.8	60
28	Molecular cloning of the viperin gene and its promoter region from the mandarin fish Siniperca chuatsi. Veterinary Immunology and Immunopathology, 2004, 101, 161-170.	1.2	58
29	Identification of suppressor of cytokine signalling (SOCS) 6, 7, 9 and CISH in rainbow trout Oncorhynchus mykiss and analysis of their expression in relation to other known trout SOCSâ˜†. Fish and Shellfish Immunology, 2010, 29, 656-667.	3.6	56
30	Identification of immune genes in grass carp Ctenopharyngodon idella in response to infection of the parasitic copepod Sinergasilus major. Parasitology Research, 2005, 96, 224-229.	1.6	54
31	NOD2 in zebrafish functions in antibacterial and also antiviral responses via NF-Î°B, and also MDA5, RIG-I and MAVS. Fish and Shellfish Immunology, 2016, 55, 173-185.	3.6	54
32	An approach to analyzing taxonomic patterns of protozoan communities for monitoring water quality in Songhua River, northeast China. Hydrobiologia, 2010, 638, 193-201.	2.0	53
33	NOD1 Promotes Antiviral Signaling by Binding Viral RNA and Regulating the Interaction of MDA5 and MAVS. Journal of Immunology, 2020, 204, 2216-2231.	0.8	53
34	IgM, IgD and IgY and their expression pattern in the Chinese soft-shelled turtle Pelodiscus sinensis. Molecular Immunology, 2009, 46, 2124-2132.	2.2	52
35	Ig heavy chain genes and their locus in grass carp Ctenopharyngodon idella. Fish and Shellfish Immunology, 2010, 29, 594-599.	3.6	52
36	Identification and Functional Characterization of the Novel Edwardsiella tarda Effector EseJ. Infection and Immunity, 2015, 83, 1650-1660.	2.2	52

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37	RNAi suppression of zebrafish peptidoglycan recognition protein 6 (zfPGRP6) mediated differentially expressed genes involved in Toll-like receptor signaling pathway and caused increased susceptibility to Flavobacterium columnare. Veterinary Immunology and Immunopathology, 2008, 124, 295-301.	1.2	51
38	Gene structure and transcription of IRF-1 and IRF-7 in the mandarin fish Siniperca chuatsi. Veterinary Immunology and Immunopathology, 2007, 116, 26-36.	1.2	50
39	Short and long peptidoglycan recognition proteins (PGRPs) in zebrafish, with findings of multiple PGRP homologs in teleost fish. Molecular Immunology, 2007, 44, 3005-3023.	2.2	50
40	Intronless and intron-containing type I IFN genes coexist in amphibian Xenopus tropicalis : Insights into the origin and evolution of type I IFNs in vertebrates. Developmental and Comparative Immunology, 2017, 67, 166-176.	2.3	50
41	TANK-Binding Kinase 1 (TBK1) Isoforms Negatively Regulate Type I Interferon Induction by Inhibiting TBK1-IRF3 Interaction and IRF3 Phosphorylation. Frontiers in Immunology, 2018, 9, 84.	4.8	49
42	Phylogeny of freshwater parasitic copepods in the Ergasilidae (Copepoda: Poecilostomatoida) based on 18S and 28S rDNA sequences. Parasitology Research, 2007, 102, 299-306.	1.6	48
43	Comparative study and expression analysis of the interferon gamma gene locus cytokines in Xenopus tropicalis. Immunogenetics, 2008, 60, 699-710.	2.4	48
44	Sequence and expression analysis of rainbow trout CXCR2, CXCR3a and CXCR3b aids interpretation of lineage-specific conversion, loss and expansion of these receptors during vertebrate evolution. Developmental and Comparative Immunology, 2014, 45, 201-213.	2.3	48
45	Functional, signalling and transcriptional differences of three distinct type I IFNs in a perciform fish, the mandarin fish Siniperca chuatsi. Developmental and Comparative Immunology, 2018, 84, 94-108.	2.3	47
46	Effects of pure microcystin-LR on the transcription of immune related genes and heat shock proteins in larval stage of zebrafish (Danio rerio). Aquaculture, 2009, 289, 154-160.	3.5	46
47	Receptor complex and signalling pathway of the two type II IFNs, IFN-Î³ and IFN-Î³rel in mandarin fish or the so-called Chinese perch Siniperca chuatsi. Developmental and Comparative Immunology, 2019, 97, 98-112.	2.3	46
48	Expression pattern, promoter activity and bactericidal property of Î²-defensin from the mandarin fish Siniperca chuatsi. Fish and Shellfish Immunology, 2012, 33, 522-531.	3.6	44
49	MAVS splicing variants contribute to the induction of interferon and interferon-stimulated genes mediated by RIG-I-like receptors. Developmental and Comparative Immunology, 2015, 49, 19-30.	2.3	44
50	Gene structure of goose-type lysozyme in the mandarin fish Siniperca chuatsi with analysis on the lytic activity of its recombinant in Escherichia coli. Aquaculture, 2006, 252, 106-113.	3.5	43
51	Structure and expression pattern of teleost caspase recruitment domain (CARD) containing proteins that are potentially involved in NF-ÎºB signalling. Developmental and Comparative Immunology, 2010, 34, 1-13.	2.3	43
52	Effects of cyanobacterial toxin microcystin-LR on the transcription levels of immune-related genes in grass carp Ctenopharyngodon idella. Environmental Biology of Fishes, 2009, 85, 231-238.	1.0	41
53	The search for the IFN-Î³ receptor in fish: Functional and expression analysis of putative binding and signalling chains in rainbow trout Oncorhynchus mykiss. Developmental and Comparative Immunology, 2009, 33, 920-931.	2.3	41
54	Distinct Genetic Diversity of Oncomelania hupensis, Intermediate Host of Schistosoma japonicum in Mainland China as Revealed by ITS Sequences. PLoS Neglected Tropical Diseases, 2010, 4, e611.	3.0	41

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55	Type III Secretion System Translocon Component EseB Forms Filaments on and Mediates Autoaggregation of and Biofilm Formation by Edwardsiella tarda. Applied and Environmental Microbiology, 2015, 81, 6078-6087.	3.1	41
56	Functional characterization of IL-10 and its receptor subunits in a perciform fish, the mandarin fish, Siniperca chuatsi. Developmental and Comparative Immunology, 2019, 97, 64-75.	2.3	41
57	Gene expression profiles in liver of zebrafish treated with microcystin-LR. Environmental Toxicology and Pharmacology, 2008, 26, 6-12.	4.0	40
58	Characterization of Câ€“C chemokine receptor subfamily in teleost fish. Molecular Immunology, 2009, 46, 498-504.	2.2	40
59	The gene and virus-induced expression of IRF-5 in grass carp Ctenopharyngodon idella. Veterinary Immunology and Immunopathology, 2010, 134, 269-278.	1.2	39
60	NOD1 deficiency impairs CD44a/Lck as well as PI3K/Akt pathway. Scientific Reports, 2017, 7, 2979.	3.3	37
61	Unique Composition of Intronless and Intron-Containing Type I IFNs in the Tibetan Frog Nanorana parkeri Provides New Evidence To Support Independent Retroposition Hypothesis for Type I IFN Genes in Amphibians. Journal of Immunology, 2018, 201, 3329-3342.	0.8	37
62	Intelectin gene from the grass carp Ctenopharyngodon idella: cDNA cloning, tissue expression, and immunohistochemical localization. Fish and Shellfish Immunology, 2007, 23, 128-140.	3.6	36
63	Molecular cloning, biological effect, and tissue distribution of interleukin-8 protein in mandarin fish (Siniperca chuasti) upon Flavobacterium columnare infection. Fish and Shellfish Immunology, 2017, 66, 112-119.	3.6	36
64	Identification and establishment of type IV interferon and the characterization of interferon-Ï… including its class II cytokine receptors IFN-Ï…R1 and IL-10R2. Nature Communications, 2022, 13, 999.	12.8	36
65	Molecular cloning, promoter analysis and induced expression of the complement component C9 gene in the grass carp Ctenopharyngodon idella. Veterinary Immunology and Immunopathology, 2007, 118, 270-282.	1.2	34
66	Composition and transcription of all interferon regulatory factors (IRFs), IRF1â€’11 in a perciform fish, the mandarin fish, Siniperca chuatsi. Developmental and Comparative Immunology, 2018, 81, 127-140.	2.3	34
67	Characterization of two C-type lectin-like domain (CTLD)-containing proteins from the cDNA library of Chinese mitten crab Eriocheir sinensis. Fish and Shellfish Immunology, 2011, 30, 515-524.	3.6	33
68	IFN-Î³ in turtle: Conservation in sequence and signalling and role in inhibiting iridovirus replication in Chinese soft-shelled turtle Pelodiscus sinensis. Developmental and Comparative Immunology, 2014, 43, 87-95.	2.3	33
69	Molecular variation of Bothriocephalus acheilognathi Yamaguti, 1934 (Cestoda: Pseudophyllidea) in different fish host species based on ITS rDNA sequences. Systematic Parasitology, 2002, 52, 159-166.	1.1	32
70	IFN-Î³ and its receptors in a reptile reveal the evolutionary conservation of type II IFNs in vertebrates. Developmental and Comparative Immunology, 2013, 41, 587-596.	2.3	32
71	Edwardsiella tarda-Induced Cytotoxicity Depends on Its Type III Secretion System and Flagellin. Infection and Immunity, 2014, 82, 3436-3445.	2.2	32
72	Evolution of IFN-Î» in tetrapod vertebrates and its functional characterization in green anole lizard (Anolis carolinensis). Developmental and Comparative Immunology, 2016, 61, 208-224.	2.3	32

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73	Grass Carp Reovirus VP41 Targets Fish MITA To Abrogate the Interferon Response. Journal of Virology, 2017, 91, .	3.4	32
74	B Cell Functions Can Be Modulated by Antimicrobial Peptides in Rainbow Trout Oncorhynchus mykiss: Novel Insights into the Innate Nature of B Cells in Fish. Frontiers in Immunology, 2017, 8, 388.	4.8	32
75	Identification, expression analysis, and antibacterial activity of NK-lysin from common carp Cyprinus carpio. Fish and Shellfish Immunology, 2018, 73, 11-21.	3.6	32
76	In Primitive Zebrafish, MHC Class II Expression Is Regulated by IFN-Î³, IRF1, and Two Forms of CIITA. Journal of Immunology, 2020, 204, 2401-2415.	0.8	32
77	Identification and expression analysis of sixteen Toll-like receptor genes, TLR1, TLR2a, TLR2b, TLR3, TLR5M, TLR5S, TLR7â˜'9, TLR13aâ˜'c, TLR14, TLR21â˜'23 in mandarin fish Siniperca chuatsi. Developmental and Comparative Immunology, 2021, 121, 104100.	2.3	32
78	Gene structure and transcription of IRF-2 in the mandarin fish Siniperca chuatsi with the finding of alternative transcripts and microsatellite in the coding region. Immunogenetics, 2006, 58, 774-784.	2.4	31
79	Transcriptomic analysis of the host response to an iridovirus infection in Chinese giant salamander, Andrias davidianus. Veterinary Research, 2015, 46, 136.	3.0	31
80	Phylogenetic studies of sinipercid fish (Perciformes: Sinipercidae) based on multiple genes, with first application of an immune-related gene, the virus-induced protein (viperin) gene. Molecular Phylogenetics and Evolution, 2010, 55, 1167-1176.	2.7	30
81	Zebrafish peptidoglycan recognition protein SC (zfPGRP-SC) mediates multiple intracellular signaling pathways. Fish and Shellfish Immunology, 2009, 26, 264-274.	3.6	29
82	Characterization of two membrane-associated protease genes obtained from screening out-membrane protein genes of Flavobacterium columnare G4. Journal of Fish Diseases, 2004, 27, 719-729.	1.9	28
83	Gene cloning and functional analysis of glycosaminoglycan-degrading enzyme chondroitin AC lyase from Flavobacterium columnare G4. Archives of Microbiology, 2005, 184, 49-55.	2.2	28
84	The first non-mammalian CXCR3 in a teleost fish: Gene and expression in blood cells and central nervous system in the grass carp (Ctenopharyngodon idella). Molecular Immunology, 2007, 44, 1123-1134.	2.2	28
85	Gene Deletion Strategy To Examine the Involvement of the Two Chondroitin Lyases in Flavobacterium columnare Virulence. Applied and Environmental Microbiology, 2015, 81, 7394-7402.	3.1	28
86	Population genetic structure of the parasitic nematode Camallanus cotti inferred from DNA sequences of ITS1 rDNA and the mitochondrial COI gene. Veterinary Parasitology, 2009, 164, 248-256.	1.8	27
87	Functional characterization of a short peptidoglycan recognition protein, PGRP5 in grass carp Ctenopharyngodon idella. Fish and Shellfish Immunology, 2013, 35, 221-230.	3.6	27
88	Molecular cloning and functional characterization of peptidoglycan recognition protein 6 in grass carp Ctenopharyngodon idella. Developmental and Comparative Immunology, 2014, 42, 244-255.	2.3	27
89	Functional characterization of interleukin (IL)-22 and its inhibitor, IL-22 binding protein (IL-22BP) in Mandarin fish, Siniperca chuatsi. Developmental and Comparative Immunology, 2019, 97, 88-97.	2.3	27
90	Molecular and functional characterization of peptidoglycan-recognition protein SC2 (PGRP-SC2) from Nile tilapia (Oreochromis niloticus) involved in the immune response to Streptococcus agalactiae. Fish and Shellfish Immunology, 2016, 54, 1-10.	3.6	26

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91	Phylogeny and expression modulation of interleukin 1 receptors in grass carp (Ctenopharyngodon) Tj ETQq1 1 0.784314 rgBT /Overlock	2.3	26
92	Diversification of Schistosoma japonicum in Mainland China Revealed by Mitochondrial DNA. PLoS Neglected Tropical Diseases, 2012, 6, e1503.	3.0	25
93	Cloning and expression analyses of interferon regulatory factor (IRF) 3 and 7 genes in European eel, Anguilla anguilla with the identification of genes involved in IFN production. Fish and Shellfish Immunology, 2014, 37, 239-247.	3.6	25
94	Two type II IFN members, IFN-Î³ and IFN-Î³ related (rel), regulate differentially IRF1 and IRF11 in zebrafish. Fish and Shellfish Immunology, 2017, 65, 103-110.	3.6	25
95	The first non-mammalian CXCR5 in a teleost fish: molecular cloning and expression analysis in grass carp (Ctenopharyngodon idella). BMC Immunology, 2010, 11, 25.	2.2	24
96	Characterization and expression analysis of TNF-related apoptosis inducing ligand (TRAIL) in grass carp Ctenopharyngodon idella. Veterinary Immunology and Immunopathology, 2006, 110, 51-63.	1.2	23
97	Development of Eustrongylides ignotus (Nematoda: Dioctophmida) in Domestic Ducks (Anas) Tj ETQq1 1 0.784314 rgBT /Overlock	0.7	23
98	Seasonal population dynamics of parasitic copepods, Sinergasilus spp. on farmed fish in China. Aquaculture, 2000, 187, 239-245.	3.5	22
99	Three goose-type lysozymes in the gastropod Oncomelania hupensis: cDNA sequences and lytic activity of recombinant proteins. Developmental and Comparative Immunology, 2012, 36, 241-246.	2.3	22
100	Myxobolus oralis sp. n. (Myxosporea: Bivalvulida) infecting the palate in the mouth of gibel carp Carassius auratus gibelio (Cypriniformes: Cyprinidae). Folia Parasitologica, 2014, 61, 505-511.	1.3	22
101	TBK1-like transcript negatively regulates the production of IFN and IFN-stimulated genes through RLRs-MAVS-TBK1 pathway. Fish and Shellfish Immunology, 2016, 54, 135-143.	3.6	22
102	Characterization of cDNA encoding immunoglobulin light chain of the mandarin fish (Siniperca) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	1.2	21
103	Conservation and variation in mitochondrial genomes of gastropods Oncomelania hupensis and Tricula hortensis, intermediate host snails of Schistosoma in China. Molecular Phylogenetics and Evolution, 2010, 57, 215-226.	2.7	21
104	Seasonal Occurrence of Helminths in the Anadromous Fish Coilia nasus (Engraulidae): Parasite Indicators of Fish Migratory Movements. Journal of Parasitology, 2011, 97, 192-196.	0.7	21
105	Phylogeny of diplozoids in five genera of the subfamily Diplozoinae Palombi, 1949 as inferred from ITS-2 rDNA sequences. Parasitology, 2006, 134, 695-703.	1.5	20
106	Ontogeny of IgM-producing cells in the mandarin fish Siniperca chuatsi identified by in situ hybridisation. Veterinary Immunology and Immunopathology, 2009, 132, 146-152.	1.2	20
107	Role of zebrafish NLRC5 in antiviral response and transcriptional regulation of MHC related genes. Developmental and Comparative Immunology, 2017, 68, 58-68.	2.3	20
108	RIP2 Is a Critical Regulator for NLRs Signaling and MHC Antigen Presentation but Not for MAPK and PI3K/Akt Pathways. Frontiers in Immunology, 2018, 9, 726.	4.8	20

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109	The Edwardsiella piscicida Type III Effector EseJ Suppresses Expression of Type 1 Fimbriae, Leading to Decreased Bacterial Adherence to Host Cells. Infection and Immunity, 2019, 87, .	2.2	20
110	Proteomic analysis of the sarcosine-insoluble outer membrane fraction of Flavobacterium columnare. Journal of Fish Diseases, 2008, 31, 269-276.	1.9	19
111	Establishment, characterization and viral susceptibility of a new cell line derived from goldfish, Carassius auratus (L.), tail fin. Journal of Fish Diseases, 2011, 34, 757-768.	1.9	19
112	Complete genome sequence analysis of the fish pathogen Flavobacterium columnare provides insights into antibiotic resistance and pathogenicity related genes. Microbial Pathogenesis, 2017, 111, 203-211.	2.9	19
113	cDNA sequence encoding immunoglobulin M heavy chain of the mandarin fish Siniperca chuatsi. Fish and Shellfish Immunology, 2003, 14, 477-480.	3.6	18
114	Molecular cloning and expression analysis of a fish specific interferon regulatory factor, IRF11, in orange spotted grouper, Epinephelus coioides. Fish and Shellfish Immunology, 2017, 60, 368-379.	3.6	18
115	Ultrastructural alteration of lymphocytes in spleen and pronephros of grass carp (Ctenopharyngodon idella) experimentally exposed to microcystin-LR. Aquaculture, 2008, 280, 270-275.	3.5	17
116	Expression and functional characterization of PGRP6 splice variants in grass carp Ctenopharyngodon idella. Developmental and Comparative Immunology, 2014, 47, 264-274.	2.3	17
117	Sequence and Expression Analysis of Interferon Regulatory Factor 10 (IRF10) in Three Diverse Teleost Fish Reveals Its Role in Antiviral Defense. PLoS ONE, 2016, 11, e0147181.	2.5	17
118	Immunogenic proteins and their vaccine development potential evaluation in outer membrane proteins (OMPs) of Flavobacterium columnare. Aquaculture and Fisheries, 2016, 1, 1-8.	2.2	17
119	Characterization of MyD88 in Japanese eel, Anguilla japonica. Fish and Shellfish Immunology, 2018, 81, 374-382.	3.6	17
120	Identification and expression analysis of IL-4/13 receptors in grass carp Ctenopharyngodon idella. Fish and Shellfish Immunology, 2019, 87, 254-264.	3.6	17
121	Molecular and functional characterization of a short-type peptidoglycan recognition protein, PGRP-S in the amphibian Xenopus laevis. Developmental and Comparative Immunology, 2019, 98, 13-19.	2.3	17
122	Myxovirus resistance (Mx) gene and its differential expression regulated by three type I and two type II IFNs in mandarin fish, Siniperca chuatsi. Developmental and Comparative Immunology, 2020, 105, 103604.	2.3	17
123	Proliferation of pronephric lymphocytes of carp, Cyprinus carpio induced by extracts of Bothriocephalus acheilognathi. Journal of Helminthology, 1996, 70, 127-131.	1.0	16
124	Non-monophyly of fish in the Sinipercidae (Perciformes) as inferred from cytochrome b gene. Hydrobiologia, 2007, 583, 77-89.	2.0	16
125	Utility of ITS1â€“5.8Sâ€“ITS2 sequences for species discrimination and phylogenetic inference of two closely related bucephalid digeneans (Digenea: Bucephalidae): Dollfustrema vaneyi and Dollfustrema hefeiensis. Parasitology Research, 2007, 101, 791-800.	1.6	16
126	TRAIL in the mandarin fish Siniperca chuatsi: Gene and its apoptotic effect in HeLa cells. Fish and Shellfish Immunology, 2008, 24, 55-66.	3.6	16

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127	Identification of immunogenic proteins of Flavobacterium columnare by twoâ€dimensional electrophoresis immunoblotting with antibacterial sera from grass carp, Ctenopharyngodon idella (Valenciennes). Journal of Fish Diseases, 2012, 35, 255-263.	1.9	16
128	Characterization of four Mx isoforms in the European eel, AnguillaÂanguilla. Fish and Shellfish Immunology, 2013, 35, 1048-1054.	3.6	16
129	Antibody response of carp, Cyprinus carpio to the cestode, Bothriocephalus acheilognathi. Parasitology, 1999, 118, 635-639.	1.5	15
130	Genetic differentiation in populations of the cestode Bothriocephalus acheilognathi (Cestoda,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.5	15
131	Molecular Identification and Expression Analysis of Tumor Necrosis Factor Receptor-associated Factor 2 in Grass Carp Ctenopharyngodon idella. Acta Biochimica Et Biophysica Sinica, 2007, 39, 857-868.	2.0	15
132	Metallothionein-2 gene from the mandarin fish Siniperca chuatsi: cDNA cloning, tissue expression, and immunohistochemical localization. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 149, 18-25.	2.6	15
133	Molecular characterization and expression of CD2 in Nile tilapia (Oreochromis niloticus) in response to Streptococcus agalactiae stimulus. Fish and Shellfish Immunology, 2016, 50, 101-108.	3.6	15
134	Effects of Bothriocephalus acheilognathi on the polarization response of pronephric leucocytes of carp, Cyprinus carpio. Journal of Helminthology, 2000, 74, 253-257.	1.0	14
135	Scanning electron microscopy of Aspidogaster ijimai Kawamura, 1913 and A. conchicola Baer, 1827 (Aspidogastrea, Aspidogastridae) with reference to their fish definitive-host specificity. Parasitology Research, 2003, 91, 439-443.	1.6	14
136	Complete Genome Sequence of the Fish Pathogen Flavobacterium columnare Pf1. Genome Announcements, 2016, 4, .	0.8	14
137	Macrophage migration inhibitory factor (MIF) family in arthropods: Cloning and expression analysis of two MIF and one D-dopachrome tautomerase (DDT) homologues in mud crabs, Scylla paramamosain. Fish and Shellfish Immunology, 2016, 50, 142-149.	3.6	14
138	Is the genus Digramma synonymous to the genus Ligula (Cestoda: Pseudophyllidea)?. Parasitology Research, 2003, 89, 419-421.	1.6	13
139	Molecular characterization and expression of ZAP-70 in Nile tilapia (Oreochromis niloticus) in response to Streptococcus agalactiae stimulus. Genes and Genomics, 2016, 38, 321-331.	1.4	13
140	Edwardsiella tarda EscE (Orf13 Protein) Is a Type III Secretion System-Secreted Protein That Is Required for the Injection of Effectors, Secretion of Translocators, and Pathogenesis in Fish. Infection and Immunity, 2016, 84, 2-10.	2.2	13
141	Regulation of Type III Secretion of Translocon and Effector Proteins by the EsaB/EsaL/EsaM Complex in Edwardsiella tarda. Infection and Immunity, 2017, 85, .	2.2	13
142	Histone H2A cooperates with RIP2 to induce the expression of antibacterial genes and MHC related genes. Developmental and Comparative Immunology, 2019, 101, 103455.	2.3	13
143	Expression and antibacterial analysis of galectin-8 and -9 genes in mandarin fish, Siniperca chuatsi. Fish and Shellfish Immunology, 2020, 107, 463-468.	3.6	13
144	Histological and cytological studies on the developing thymus of mandarin fish Siniperca chuatsi (Perciformes: Teleostei). Journal of Applied Ichthyology, 2006, 22, 125-131.	0.7	12

#	Article	IF	Citations
145	Difference in genes between a high virulence strain G₄ and a low virulence strain G₁₈ of Flavobacterium columnare by using suppression subtractive hybridization. Journal of Fish Diseases, 2010, 33, 403-412.	1.9	12
146	Expression and protective role of two novel NACHT-containing proteins in pathogen infection. Developmental and Comparative Immunology, 2014, 46, 323-332.	2.3	12
147	Interferon regulatory factor 10 (IRF10): Cloning in orange spotted grouper, Epinephelus coioides, and evolutionary analysis in vertebrates. Fish and Shellfish Immunology, 2015, 46, 669-677.	3.6	12
148	Characterization of grass carp CD40 and CD154 genes and the association between their polymorphisms and resistance to grass carp reovirus. Fish and Shellfish Immunology, 2018, 81, 304-308.	3.6	12
149	Dual RNA-Seq Unveils the Role of the Pseudomonas plecoglossicida fliA Gene in Pathogen-Host Interaction with Larimichthys crocea. Microorganisms, 2019, 7, 443.	3.6	12
150	Identification of four type I IFNs from Japanese eel with differential expression properties and Mx promoter inducibility. Developmental and Comparative Immunology, 2019, 91, 62-71.	2.3	12
151	Molecular and functional characterization of tilapia DDX41 in IFN regulation. Fish and Shellfish Immunology, 2020, 99, 386-391.	3.6	12
152	The discrepancy function of NLRC5 isoforms in antiviral and antibacterial immune responses. Developmental and Comparative Immunology, 2018, 84, 153-163.	2.3	11
153	Edwardsiella piscicida type III protein EseJ suppresses apoptosis through down regulating type 1 fimbriae, which stimulate the cleavage of caspaseâ€8. Cellular Microbiology, 2020, 22, e13193.	2.1	11
154	IRF11 regulates positively type I IFN transcription and antiviral response in mandarin fish, Siniperca chuatsi. Developmental and Comparative Immunology, 2021, 114, 103846.	2.3	11
155	Functional characterization of four TIR domain-containing adaptors, MyD88, TRIF, MAL, and SARM in mandarin fish Siniperca chuatsi. Developmental and Comparative Immunology, 2021, 122, 104110.	2.3	11
156	Identification and expression analysis of an atypical chemokine receptor-2 (ACKR2)/CC chemokine binding protein-2 (CCBP2) in rainbow trout (Oncorhynchus mykiss). Fish and Shellfish Immunology, 2015, 44, 389-398.	3.6	10
157	Functional characterization of a short peptidoglycan recognition protein from Chinese giant salamander (Andrias davidianus). Oncotarget, 2017, 8, 99323-99335.	1.8	10
158	COLUMNARIS DISEASE AND GENETIC DIVERSITY OF ITS BACTERIAL PATHOGEN <I>FLAVOBACTERIUM COLUMNARE</I> IN FRESHWATER FISH IN CHINA. Acta Hydrobiologica Sinica, 2010, 36, 367-377.	0.1	10
159	REDESCRIPTION OF CAMALLANUS HYPOPHTHALMICHTHYS DOGEL AND AKHMEROV, 1959 (NEMATODA:) Tj ETQq1 1 0.784314 rgBT /(1463-1467.	0.7	9
160	Population dynamics and maturation cycle of Camallanus cotti (Nematoda: Camallanidae) in the Chinese hooksnout carp Opsariichthys bidens (Osteichthyes: Cyprinidae) from a reservoir in China. Veterinary Parasitology, 2007, 147, 125-131.	1.8	9
161	Molecular characterization and expression analysis of four fish-specific CC chemokine receptors CCR4La, CCR4Lc1, CCR4Lc2 andÂCCR11 in rainbow trout (Oncorhynchus mykiss). Fish and Shellfish Immunology, 2017, 68, 411-427.	3.6	9
162	Zebrafish as a Model for the Study of Host-Virus Interactions. Methods in Molecular Biology, 2017, 1656, 57-78.	0.9	9

#	Article	IF	Citations
163	Identification of a novel RIG-I isoform and its truncating variant in Japanese eel, Anguilla japonica. Fish and Shellfish Immunology, 2019, 94, 373-380.	3.6	9
164	Transcriptomic responses of S100 family to bacterial and viral infection in zebrafish. Fish and Shellfish Immunology, 2019, 94, 685-696.	3.6	9
165	Interferon Regulatory Factors 1 and 2 Play Different Roles in MHC II Expression Mediated by CIITA in Grass Carp, Ctenopharyngodon idella. Frontiers in Immunology, 2019, 10, 1106.	4.8	9
166	Pathogenic characterization of Aeromonas salmonicida subsp. masoucida turbot isolate from China. Journal of Fish Diseases, 2020, 43, 1145-1154.	1.9	9
167	Identification of type I IFNs and their receptors in a cyprinid fish, the topmouth culter Culter alburnus. Fish and Shellfish Immunology, 2020, 102, 326-335.	3.6	9
168	Functional characterization of a group II interferon, IFNc in the perciform fish, Nile tilapia (Oreochromis niloticus). Fish and Shellfish Immunology, 2020, 105, 86-94.	3.6	9
169	Occurrence of Bothriocephalus acheilognathi in cyprinid fish from three lakes in the flood plain of the Yangtze River, China. Diseases of Aquatic Organisms, 2000, 41, 81-82.	1.0	9
170	Immunoglobulin joining (J) chain and its expression in the Chinese soft-shelled turtle (Pelodiscus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	1.2	8
171	Khawia saurogobii N. Sp. (Cestoda: Caryophyllidea) from Freshwater Fish Saurogobio Spp. (Cyprinidae) in China. Journal of Parasitology, 2009, 95, 1516-1519.	0.7	8
172	Sequencing and expression analysis of CD3Î³/Í´ and CD3É› chains in mandarin fish, Siniperca chuatsi. Chinese Journal of Oceanology and Limnology, 2013, 31, 106-117.	0.7	8
173	Complementary DNA sequences of the constant regions of <scp>T</scp>â€cell antigen receptors Î±, Î² and Î³ in mandarin fish, <scp>S</scp>iniperca chuatsi Basilewsky, and their transcriptional changes after stimulation with <scp>F</scp>lavobacterium columnare. Journal of Fish Diseases, 2014, 37, 89-101.	1.9	8
174	Edwardsiella tarda EsaE (Orf19 protein) is required for the secretion of type III substrates, and pathogenesis in fish. Veterinary Microbiology, 2016, 190, 12-18.	1.9	8
175	Molecular and functional identification of a short-type peptidoglycan recognition protein, PGRP-S, in the Chinese soft-shelled turtle Pelodiscus sinensis. Developmental and Comparative Immunology, 2021, 117, 103965.	2.3	8
176	Molecular and functional characterization of interferon regulatory factor 1 (IRF1) in amphibian Xenopus tropicalis. International Journal of Biological Macromolecules, 2021, 167, 719-725.	7.5	8
177	Specific bioactivity of IL-22 in intestinal cells as revealed by the expression of IL-22RA1 in Mandarin fish, Siniperca chuatsi. Developmental and Comparative Immunology, 2021, 121, 104107.	2.3	8
178	Grass Carp Reovirus Nonstructural Proteins Avoid Host Antiviral Immune Response by Targeting the RLR Signaling Pathway. Journal of Immunology, 2022, 208, 707-719.	0.8	8
179	Identification of differentially expressed genes in Oncomelania hupensis chronically infected with Schistosoma japonicum. Experimental Parasitology, 2012, 130, 374-383.	1.2	7
180	Roles of plasmid-encoded proteins, EseH, EseI and EscD in invasion, replication and virulence of Edwardsiella ictaluri. Veterinary Microbiology, 2013, 166, 233-241.	1.9	7

#	Article	IF	Citations
181	Characterization and expression of Cd8 molecules in mandarin fish Siniperca chuatsi. Journal of Fish Biology, 2013, 82, 189-205.	1.6	7
182	Immunogenicity and protective role of antigenic regions from five outer membrane proteins of Flavobacterium columnare in grass carp Ctenopharyngodon idella. Chinese Journal of Oceanology and Limnology, 2016, 34, 1247-1257.	0.7	7
183	EseE of Edwardsiella tarda Augments Secretion of Translocon Protein EseC and Expression of the escC - eseE Operon. Infection and Immunity, 2016, 84, 2336-2344.	2.2	7
184	The negative regulation of piscine CD44c in viral and bacterial infection. Developmental and Comparative Immunology, 2019, 96, 135-143.	2.3	7
185	Transcriptional and subcellular characterization of interferon induced protein-35 (IFP35) in mandarin fish, Siniperca chuatsi. Developmental and Comparative Immunology, 2021, 115, 103877.	2.3	7
186	Morphological and complete mitogenomic characterisation of the acanthocephalan Polymorphus minutus infecting the duck Anas platyrhynchos. Folia Parasitologica, 2021, 68, .	1.3	7
187	Populations of Bothriocephalus claviceps (Goeze) (Cestoda) in the European eel, Anguilla anguilla (L.), in three localities in southwest England. Journal of Fish Biology, 1992, 41, 521-531.	1.6	6
188	Characterization of development-related genes for the cestode Bothriocephalus acheilognathi. Parasitology Research, 2004, 94, 265-274.	1.6	6
189	Genetic Variation of Fish Parasite Populations in Historically Connected Habitats: Undetected Habitat Fragmentation Effect on Populations of the Nematode Procamallanus fulvidraconis in the Catfish Pelteobagrus fulvidraco. Journal of Parasitology, 2008, 94, 643-647.	0.7	6
190	Communities of gastrointestinal helminths of fish in historically connected habitats: habitat fragmentation effect in a carnivorous catfish Pelteobagrus fulvidraco from seven lakes in flood plain of the Yangtze River, China. Parasites and Vectors, 2009, 2, 22.	2.5	6
191	Establishment of a Cell Line from Chinese Soft-shelled Turtle Pelodiscus sinensis with the Practicability of Transfection and Viral Replication. Fish Pathology, 2013, 48, 126-134.	0.7	6
192	The Edwardsiella piscicida Type III Translocon Protein EseC Inhibits Biofilm Formation by Sequestering EseE. Applied and Environmental Microbiology, 2019, 85, .	3.1	6
193	Unique duplication of IFNh genes in Nile tilapia (Oreochromis niloticus) reveals lineage-specific evolution of IFNh in perciform fishes. Fish and Shellfish Immunology, 2020, 107, 36-42.	3.6	6
194	Identification and characterization of tilapia CRFB1, CRFB2 and CRFB5 reveals preferential receptor usage of three IFN subtypes in perciform fishes. Fish and Shellfish Immunology, 2020, 107, 194-201.	3.6	6
195	Identification and Characterization of EvpQ, a Novel T6SS Effector Encoded on a Mobile Genetic Element in Edwardsiella piscicida. Frontiers in Microbiology, 2021, 12, 643498.	3.5	6
196	Four type I IFNs, IFNa1, IFNa2, IFNb, IFNc, and their receptor usage in an osteoglossomorph fish, the Asian arowana, Scleropages formosus. Fish and Shellfish Immunology, 2021, 117, 70-81.	3.6	6
197	Retroposition of the Long Transcript from Multiexon IFN-Î² Homologs in Ancestry Vertebrate Gave Rise to the Proximal Transcription Elements of Intronless IFN-Î² Promoter in Humans. Journal of Immunology, 2021, 207, 2512-2520.	0.8	6
198	Diversity of intestinal helminth communities of carp from six lakes in the flood plain of the Yangtze River, China. Journal of Fish Biology, 1999, 54, 171-180.	1.6	5

#	Article	IF	Citations
199	SEASONAL DYNAMICS AND DISTRIBUTION OF THE DIGENEAN PHYLLODISTOMUM PAWLOVSKII (TREMATODA:) Tj ETQq1 1 0.784314 rg Parasitology, 2005, 91, 850-853.	0.7	5
200	Cloning, characterization and expression analysis of SIMP (source of immunodominant) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (M 24, 701-714.	3.6	5
201	Construction of two selectable markers for integrative/conjugative plasmids in Flavobacterium columnare. Chinese Journal of Oceanology and Limnology, 2012, 30, 269-278.	0.7	5
202	Identification of a novel splice variant isoform of interferon regulatory factor 10, IRF10, in orange spotted grouper Epinephelus coioides. Fish and Shellfish Immunology, 2020, 97, 637-647.	3.6	5
203	Advancing the sustainability of aquaculture. Reviews in Aquaculture, 2021, 13, 781-782.	9.0	5
204	Tilapia dsRNA-activated protein kinase R (PKR): An interferon-induced antiviral effector with translation inhibition activity. Fish and Shellfish Immunology, 2021, 112, 74-80.	3.6	5
205	Characterization of two genes encoding leucine-rich repeat-containing proteins in grass carp Ctenopharyngodon idellus. Immunogenetics, 2005, 56, 710-721.	2.4	4
206	FIRST DESCRIPTION OF THE MALE AND REDESCRIPTION OF THE FEMALE OF PHILOMETRA CLAVAECEPS DOGIEL AND AKHMEROV, 1959 (NEMATODA: PHILOMETRIDAE), A PARASITE OF EAST ASIAN CYPRINID FISH. Journal of Parasitology, 2006, 92, 380-384.	0.7	4
207	Characterization and expression analysis of TNFR-associated factor 1 (TRAF1) in grass carp Ctenopharyngodon idella. Veterinary Immunology and Immunopathology, 2008, 121, 44-57.	1.2	4
208	Identification of Polymorphic Microsatellites for the Intermediate HostOncomelania hupensisofSchistosoma japonicumin China. Malacologia, 2010, 53, 147-153.	0.4	4
209	Type I restriction-modification system and its resistance in electroporation efficiency in Flavobacterium columnare. Veterinary Microbiology, 2012, 160, 61-68.	1.9	4
210	Identification of Dermocystidium anguillae Spangenberg, 1975 from the American eel Anguilla rostrata (Lesueur, 1817) and Chinese perch Siniperca chuatsi (Basilewsky, 1855). Aquaculture, 2021, 531, 735793.	3.5	4
211	Presence of two RIG-I-like receptors, MDA5 and LGP2, and their dsRNA binding capacity in a perciform fish, the snakehead Channa argus. Developmental and Comparative Immunology, 2022, 126, 104235.	2.3	4
212	Effects of Bothriocephalus acheilognathi on the polarization response of pronephric leucocytes of carp, Cyprinus carpio. Journal of Helminthology, 2000, 74, 253-7.	1.0	4
213	Molecular cloning of TRAF2 binding protein gene and its promoter region from the grass carp Ctenopharyngodon idellus. Veterinary Immunology and Immunopathology, 2005, 105, 105-113.	1.2	3
214	A New Species of Allocreadium (Trematoda: Allocreadiidae) from Freshwater Fishes in the Danjiangkou Reservoir in China. Journal of Parasitology, 2008, 94, 176-180.	0.7	3
215	Frequency Distribution and Seasonal Dynamics of Intestinal Helminths in the Yellowhead Catfish Pelteobagrus fulvidraco from Liangzi Lake, China. Comparative Parasitology, 2010, 77, 31-36.	0.4	3
216	Cloning and functional characterization of IRAK1 from rainbow trout (Oncorhynchus mykiss). Developmental and Comparative Immunology, 2021, 114, 103780.	2.3	3

#	Article	IF	Citations
217	Gene cloning and induced expression pattern of IRF4 and IRF10 in the Asian swamp eel (Monopterus) Tj ETQq1 1 0.784314 rgBT /Ove	0.6	3
218	Involvement of two glycoside hydrolase family 19 members in colony morphotype and virulence in Flavobacterium columnare. Chinese Journal of Oceanology and Limnology, 2017, 35, 1511-1523.	0.7	2
219	Identification and functional characterization of a short-type peptidoglycan recognition protein, PGRP-S in the orange-spotted grouper, Epinephelus coioides. Aquaculture Reports, 2021, 20, 100739.	1.7	2
220	Identification of type I and type II IFNs in a perciform fish, the snakehead Channa argus. Aquaculture Reports, 2021, 20, 100749.	1.7	2
221	Genetic improvement for aquaculture species: A promising approach for aquaculture challenges and development. Reviews in Aquaculture, 2021, 13, 1756-1757.	9.0	2
222	Gene synteny, evolution and antiviral activity of type I IFNs in a reptile species, the Chinese soft-shelled turtle Pelodiscus sinensis. Developmental and Comparative Immunology, 2022, , 104461.	2.3	2
223	Orf1B controls secretion of T3SS proteins and contributes to Edwardsiella piscicida adhesion to epithelial cells. Veterinary Research, 2022, 53, .	3.0	2
224	Functional domains and amino acid residues of Japanese eel IRF1, AjIRF1, regulate its nuclear import and IFN/Mx promoter activation. Developmental and Comparative Immunology, 2021, 116, 103923.	2.3	1
225	Molecular Characteristics of Camallanus Spp. (Spirurida: Camallanidae) in Fishes from China Based On its rDNA Sequences. Journal of Parasitology, 2008, 94, 731.	0.7	1
226	Acetyl-coenzyme A synthetase gene and its upstream promoter in the bacterial pathogen Flavobacterium columnare. Journal of Fishery Sciences of China, 2013, 18, 1100-1107.	0.2	1
227	Molecular characterization and transcriptional conservation of N-myc-interactor, Nmi, by type I and type II IFNs in mandarin fish Siniperca chuatsi. Developmental and Comparative Immunology, 2022, 130, 104354.	2.3	1
228	Development of a hyper-adhesive and attenuated Edwardsiella ictaluri strain as a novel immersion vaccine candidate in yellow catfish (Pelteobagrus fulvidraco). Microbial Pathogenesis, 2022, 167, 105577.	2.9	1
229	Beyond 2020. Reviews in Aquaculture, 2020, 12, 2008-2009.	9.0	0
230	Morphology of Adults and Immatures of the Acanthocephalan, Pomphorhynchus fuhaiensis Yue, 1998 (Acanthocephala: Pomphorhynchidae) from Cyprinid Fish in Northwest China. Journal of Parasitology, 2021, 107, 446-454.	0.7	0
231	Genetic Variation of Fish Parasite Populations in Historically Connected Habitats: Undetected Habitat Fragmentation Effect on Populations of the Nematode Procamallanus fulvidraconis in the Catfish Pelteobagrus fulvidraco. Journal of Parasitology, 2008, 94, 643.	0.7	0
232	PROKARYOTIC EXPRESSION OF MANDARIN FISH TUMOR RELATED APOPTOSIS INDUCING LIGAND GENE. Acta Hydrobiologica Sinica, 2009, 33, 762-766.	0.1	0
233	Understanding antimicrobial peptides and combatting antimicrobial resistance problems. Reviews in Aquaculture, 2022, 14, 523-524.	9.0	0