Tiehui Wang

List of Publications by Year
in descending order

131 papers	7,282 citations	41323 49 h-index	62565 80 g-index
139 all docs	139 docs citations	139 times ranked	4032 citing authors

#	Article	IF	Citations
1	Cytokines and innate immunity of fish. Developmental and Comparative Immunology, 2001, 25, 713-723.	1.0	400
2	The interleukins of fish. Developmental and Comparative Immunology, 2011, 35, 1336-1345.	1.0	268
3	The cytokine networks of adaptive immunity in fish. Fish and Shellfish Immunology, 2013, 35, 1703-1718.	1.6	265
4	Cloning and expression analysis of rainbow trout Oncorhynchus mykiss tumour necrosis factor-Î±. FEBS Journal, 2001, 268, 1315-1322.	0.2	238
5	Evolution of interleukin-1Î². Cytokine and Growth Factor Reviews, 2002, 13, 483-502.	3.2	237
6	Two Types of TNF-Î± Exist in Teleost Fish: Phylogeny, Expression, and Bioactivity Analysis of Type-II TNF-Î±3 in Rainbow Trout Oncorhynchus mykiss. Journal of Immunology, 2013, 191, 5959-5972.	0.4	201
7	Identification and analysis of an interleukin 8-like molecule in rainbow trout Oncorhynchus mykiss. Developmental and Comparative Immunology, 2002, 26, 433-444.	1.0	171
8	Functional Characterization of a Nonmammalian IL-21: Rainbow Trout Oncorhynchus mykiss IL-21 Upregulates the Expression of the Th Cell Signature Cytokines IFN-Î³, IL-10, and IL-22. Journal of Immunology, 2011, 186, 708-721.	0.4	163
9	Differential expression of two tumor necrosis factor genes in rainbow trout, Oncorhynchus mykiss. Developmental and Comparative Immunology, 2002, 26, 161-172.	1.0	153
10	Bioactivity studies of rainbow trout (Oncorhynchus mykiss) interleukin-6: Effects on macrophage growth and antimicrobial peptide gene expression. Molecular Immunology, 2011, 48, 1903-1916.	1.0	152
11	Molecular characterization of IRF3 and IRF7 in rainbow trout, Oncorhynchus mykiss: Functional analysis and transcriptional modulation. Molecular Immunology, 2008, 46, 269-285.	1.0	125
12	Characterization of three novel Î²-defensin antimicrobial peptides in rainbow trout (Oncorhynchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	122
13	Identification of a Novel IL-1 Cytokine Family Member in Teleost Fish. Journal of Immunology, 2009, 183, 962-974.	0.4	113
14	The First Cytokine Sequence Within Cartilaginous Fish: IL-1Î² in the Small Spotted Catshark (Scyliorhinus canicula). Journal of Immunology, 2002, 168, 3329-3340.	0.4	105
15	Cloning and expression of the first nonmammalian interleukin-11 gene in rainbow trout Oncorhynchus mykiss. FEBS Journal, 2005, 272, 1136-1147.	2.2	104
16	First in-depth analysis of the novel Th2-type cytokines in salmonid fish reveals distinct patterns of expression and modulation but overlapping bioactivities. Oncotarget, 2016, 7, 10917-10946.	0.8	104
17	Molecular and Functional Characterization of IL-15 in Rainbow TroutOncorhynchus mykiss:A Potent Inducer of IFN-Î³ Expression in Spleen Leukocytes. Journal of Immunology, 2007, 179, 1475-1488.	0.4	103
18	Complete sequencing and expression of three complement components, C1r, C4 and C1 inhibitor, of the classical activation pathway of the complement system in rainbow trout Oncorhynchus mykiss. Immunogenetics, 2003, 55, 615-628.	1.2	102

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19	Gene expression profiling in naÃ¯ve and vaccinated rainbow trout after Yersinia ruckeri infection: Insights into the mechanisms of protection seen in vaccinated fish. Vaccine, 2011, 29, 4388-4399.	1.7	101
20	Two Macrophage Colony-Stimulating Factor Genes Exist in Fish That Differ in Gene Organization and Are Differentially Expressed. Journal of Immunology, 2008, 181, 3310-3322.	0.4	97
21	Rainbow trout interleukin-2: Cloning, expression and bioactivity analysis. Fish and Shellfish Immunology, 2009, 27, 414-422.	1.6	97
22	Cloning and Characterization of Rainbow Trout Interleukin-17A/F2 (IL-17A/F2) and IL-17 Receptor A: Expression during Infection and Bioactivity of Recombinant IL-17A/F2. Infection and Immunity, 2013, 81, 340-353.	1.0	97
23	Isolation and Characterization of Salmonid CD4+ T Cells. Journal of Immunology, 2016, 196, 4150-4163.	0.4	91
24	Sequence and expression analysis of two T helper master transcription factors, T-bet and GATA3, in rainbow trout Oncorhynchus mykiss and analysis of their expression during bacterial and parasitic infectionâ¨†. Fish and Shellfish Immunology, 2010, 29, 705-715.	1.6	90
25	Phylogenetic analysis of vertebrate CXC chemokines reveals novel lineage specific groups in teleost fish. Developmental and Comparative Immunology, 2013, 41, 137-152.	1.0	88
26	Cloning of the IL-1Î²3 gene and IL-1Î²4 pseudogene in salmonids uncovers a second type of IL-1Î² gene in teleost fish. Developmental and Comparative Immunology, 2012, 38, 431-446.	1.0	83
27	Immune gene expression profiling of Proliferative Kidney Disease in rainbow trout Oncorhynchus mykiss reveals a dominance of anti-inflammatory, antibody and T helper cell-like activities. Veterinary Research, 2013, 44, 55.	1.1	80
28	Rainbow trout suppressor of cytokine signalling (SOCS)-1, 2 and 3: Molecular identification, expression and modulation. Molecular Immunology, 2008, 45, 1449-1457.	1.0	74
29	Two interleukin-17C-like genes exist in rainbow trout Oncorhynchus mykiss that are differentially expressed and modulated. Developmental and Comparative Immunology, 2010, 34, 491-500.	1.0	73
30	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.	1.6	73
31	Two copies of the genes encoding the subunits of putative interleukin (IL)-4/IL-13 receptors, IL-4RÎ±, IL-13RÎ±1 and IL-13RÎ±2, have been identified in rainbow trout (Oncorhynchus mykiss) and have complex patterns of expression and modulation. Immunogenetics, 2011, 63, 235-253.	1.2	73
32	Identification of IL-34 in teleost fish: Differential expression of rainbow trout IL-34, MCSF1 and MCSF2, ligands of the MCSF receptor. Molecular Immunology, 2013, 53, 398-409.	1.0	71
33	Interleukin (IL)-2 Is a Key Regulator of T Helper 1 and T Helper 2 Cytokine Expression in Fish: Functional Characterization of Two Divergent IL2 Paralogs in Salmonids. Frontiers in Immunology, 2018, 9, 1683.	2.2	71
34	Differential expression, modulation and bioactivity of distinct fish ILâ€12 isoforms: Implication towards the evolution of Th1â€like immune responses. European Journal of Immunology, 2014, 44, 1541-1551.	1.6	69
35	The expanding repertoire of the IL-12 cytokine family in teleost fish: Identification of three paralogues each of the p35 and p40 genes in salmonids, and comparative analysis of their expression and modulation in Atlantic salmon Salmo salar. Developmental and Comparative Immunology, 2014, 46, 194-207.	1.0	67
36	Cloning, expression analysis and bioactivity studies of rainbow trout (Oncorhynchus mykiss) interleukin-22. Cytokine, 2011, 55, 62-73.	1.4	65

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37	The evolution of IL-4 and IL-13 and their receptor subunits. Cytokine, 2015, 75, 8-13.	1.4	65
38	Impact of selenium supplementation on fish antiviral responses: a whole transcriptomic analysis in rainbow trout (Oncorhynchus mykiss) fed supranutritional levels of Sel-PlexÂ®. BMC Genomics, 2016, 17, 116.	1.2	65
39	Insights into the Evolution of the Suppressors of Cytokine Signaling (SOCS) Gene Family in Vertebrates. Molecular Biology and Evolution, 2019, 36, 393-411.	3.5	65
40	Molecular cloning and characterization of interferon regulatory factors 4 and 8 (IRF-4 and IRF-8) in rainbow trout, Oncorhynchus mykiss. Fish and Shellfish Immunology, 2010, 29, 157-166.	1.6	64
41	Fish Suppressors of Cytokine Signaling (SOCS): Gene Discovery, Modulation of Expression and Function. Journal of Signal Transduction, 2011, 2011, 1-20.	2.0	64
42	Identification of the salmonid IL-17A/F1a/b, IL-17A/F2b, IL-17A/F3 and IL-17N genes and analysis of their expression following in vitro stimulation and infection. Immunogenetics, 2015, 67, 395-412.	1.2	59
43	Studies on the Use of Flagellin as an Immunostimulant and Vaccine Adjuvant in Fish Aquaculture. Frontiers in Immunology, 2018, 9, 3054.	2.2	58
44	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.	1.6	56
45	Distinct Differentiation Programs Triggered by IL-6 and LPS in Teleost IgM+ B Cells in The Absence of Germinal Centers. Scientific Reports, 2016, 6, 30004.	1.6	55
46	Immune gene expression in trout cell lines infected with the fish pathogenic oomycete Saprolegnia parasitica. Developmental and Comparative Immunology, 2012, 38, 44-54.	1.0	53
47	Growth Factors of Lower Vertebrates. Journal of Biological Chemistry, 2007, 282, 31865-31872.	1.6	52
48	Characterization of cytosolic glutathione peroxidase and phospholipid-hydroperoxide glutathione peroxidase genes in rainbow trout (Oncorhynchus mykiss) and their modulation by in vitro selenium exposure. Aquatic Toxicology, 2013, 130-131, 97-111.	1.9	52
49	Molecular cloning, gene organization and expression of rainbow trout (Oncorhynchus mykiss) inducible nitric oxide synthase (iNOS) gene. Biochemical Journal, 2001, 358, 747-755.	1.7	51
50	Sequencing of a second interleukin-10 gene in rainbow trout Oncorhynchus mykiss and comparative investigation of the expression and modulation of the paralogues inÂvitro and inÂvivo. Fish and Shellfish Immunology, 2011, 31, 107-117.	1.6	51
51	Role of Pathogen-Derived Cell Wall Carbohydrates and Prostaglandin E ₂ in Immune Response and Suppression of Fish Immunity by the Oomycete Saprolegnia parasitica. Infection and Immunity, 2014, 82, 4518-4529.	1.0	49
52	Insights into the fish thioredoxin system: Expression profile of thioredoxin and thioredoxin reductase in rainbow trout (Oncorhynchus mykiss) during infection and in vitro stimulation. Developmental and Comparative Immunology, 2014, 42, 261-277.	1.0	49
53	Identification of two FoxP3 genes in rainbow trout (Oncorhynchus mykiss) with differential induction patterns. Molecular Immunology, 2010, 47, 2563-2574.	1.0	48
54	Cloning of a novel interleukin (IL)-20-like gene in rainbow trout Oncorhynchus mykiss gives an insight into the evolution of the IL-10 family. Developmental and Comparative Immunology, 2010, 34, 158-167.	1.0	48

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55	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.	1.0	48
56	DNA vaccination against a fish rhabdovirus promotes an early chemokine-related recruitment of B cells to the muscle. Vaccine, 2014, 32, 1160-1168.	1.7	47
57	Which Th pathway is involved during late stage amoebic gill disease?. Fish and Shellfish Immunology, 2015, 46, 417-425.	1.6	47
58	Molecular cloning, gene organization and expression of rainbow trout (Oncorhynchus mykiss) inducible nitric oxide synthase (iNOS) gene. Biochemical Journal, 2001, 358, 747.	1.7	46
59	Identification and expression analysis of two fish-specific IL-6 cytokine family members, the ciliary neurotrophic factor (CNTF)-like and M17 genes, in rainbow trout Oncorhynchus mykiss. Molecular Immunology, 2009, 46, 2290-2298.	1.0	46
60	Re-examination of the rainbow trout (Oncorhynchus mykiss) immune response to flagellin: Yersinia ruckeri flagellin is a potent activator of acute phase proteins, anti-microbial peptides and pro-inflammatory cytokines inÂvitro. Developmental and Comparative Immunology, 2016, 57, 75-87.	1.0	46
61	The gamma-chain cytokine/receptor system in fish: More ligands and receptors. Fish and Shellfish Immunology, 2011, 31, 673-687.	1.6	45
62	Transforming growth factor-Î²1b: A second TGF-Î²1 paralogue in the rainbow trout (Oncorhynchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 and Shellfish Immunology, 2013, 34, 420-432.	1.6	43
63	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.	1.0	41
64	Characterization of a C3a Receptor in Rainbow Trout and Xenopus: The First Identification of C3a Receptors in Nonmammalian Species. Journal of Immunology, 2005, 175, 2427-2437.	0.4	40
65	Cross Talk Between Growth and Immunity: Coupling of the IGF Axis to Conserved Cytokine Pathways in Rainbow Trout. Endocrinology, 2016, 157, 1942-1955.	1.4	40
66	Immune response and protective efficacy of two new adjuvants, Montanideâ„¢ ISA 763B VG and Montanideâ„¢ GEL02, administered with a Streptococcus agalactiae ghost vaccine in Nile tilapia (Oreochromis niloticus). Fish and Shellfish Immunology, 2021, 116, 19-29.	1.6	39
67	Sequencing and expression of the second allele of the interleukin-1Î²1 gene in rainbow trout (Oncorhynchus mykiss): identification of a novel SINE in the third intron. Fish and Shellfish Immunology, 2004, 16, 335-358.	1.6	38
68	Characterisation and expression analysis of the rainbow trout (Oncorhynchus mykiss) homologue of the human dendritic cell marker CD208/lysosomal associated membrane protein 3. Developmental and Comparative Immunology, 2012, 37, 402-413.	1.0	36
69	Cloning and expression of a putative common cytokine receptor gamma chain (Î³C) gene in rainbow trout (Oncorhynchus mykiss). Fish and Shellfish Immunology, 2001, 11, 233-244.	1.6	34
70	Characterization and gene expression analysis of the two main Th17 cytokines (IL-17A/F and IL-22) in turbot, Scophthalmus maximus. Developmental and Comparative Immunology, 2012, 38, 505-516.	1.0	34
71	Four CISH paralogues are present in rainbow trout Oncorhynchus mykiss: Differential expression and modulation during immune responses and development. Molecular Immunology, 2014, 62, 186-198.	1.0	34
72	Rainbow trout (Oncorhynchus mykiss) adipose tissue undergoes major changes in immune gene expression following bacterial infection or stimulation with pro-inflammatory molecules. Developmental and Comparative Immunology, 2018, 81, 83-94.	1.0	33

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73	The Fish Pathogen Yersinia ruckeri Produces Holomycin and Uses an RNA Methyltransferase for Self-resistance. Journal of Biological Chemistry, 2013, 288, 14688-14697.	1.6	32
74	Rainbow trout CK9, a CCL25-like ancient chemokine that attracts and regulates B cells and macrophages, the main antigen presenting cells in fish. Oncotarget, 2016, 7, 17547-17564.	0.8	32
75	Identification and expression modulation of a C-type lectin domain family 4 homologue that is highly expressed in monocytes/macrophages in rainbow trout (Oncorhynchus mykiss). Developmental and Comparative Immunology, 2016, 54, 55-65.	1.0	32
76	Lineage/species-specific expansion of the Mx gene family in teleosts: Differential expression and modulation of nine Mx genes in rainbow trout Oncorhynchus mykiss. Fish and Shellfish Immunology, 2019, 90, 413-430.	1.6	31
77	Dissecting the immune pathways stimulated following injection vaccination of rainbow trout (Oncorhynchus mykiss) against enteric redmouth disease (ERM). Fish and Shellfish Immunology, 2019, 85, 18-30.	1.6	31
78	Vertebrate Cytokines and Their Evolution. , 2016, , 87-150.		29
79	Characterisation of rainbow trout peripheral blood leucocytes prepared by hypotonic lysis of erythrocytes, and analysis of their phagocytic activity, proliferation and response to PAMPs and proinflammatory cytokines. Developmental and Comparative Immunology, 2018, 88, 104-113.	1.0	27
80	Rainbow trout (Oncorhynchus mykiss) possess multiple novel immunoglobulin-like transcripts containing either an ITAM or ITIMs. Developmental and Comparative Immunology, 2009, 33, 525-532.	1.0	26
81	Identification and characterisation of the IL-27 p28 subunits in fish: Cloning and comparative expression analysis of two p28 paralogues in Atlantic salmon Salmo salar. Fish and Shellfish Immunology, 2014, 41, 102-112.	1.6	26
82	Identification and expression analysis of two interleukin-23Î± (p19) isoforms, in rainbow trout Oncorhynchus mykiss and Atlantic salmon Salmo salar. Molecular Immunology, 2015, 66, 216-228.	1.0	25
83	Evolution of Th2 responses: characterization of IL-4/13 in sea bass (Dicentrarchus labrax L.) and studies of expression and biological activity. Scientific Reports, 2017, 7, 2240.	1.6	25
84	Cloning and functional characterisation of the interleukin-1Î²1 promoter of rainbow trout (Oncorhynchus mykiss). Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2002, 1575, 108-116.	2.4	24
85	Cloning and expression analysis of two ROR-Î³ homologues (ROR-Î³a1 and ROR-Î³a2) in rainbow trout Oncorhynchus mykiss. Fish and Shellfish Immunology, 2012, 33, 365-374.	1.6	24
86	Red mark syndrome in rainbow trout Oncorhynchus mykiss: Investigation of immune responses in lesions using histology, immunohistochemistry and analysis of immune gene expression. Fish and Shellfish Immunology, 2013, 34, 1119-1130.	1.6	24
87	Analysis of adipose tissue immune gene expression after vaccination of rainbow trout with adjuvanted bacterins reveals an association with side effects. Molecular Immunology, 2017, 88, 89-98.	1.0	24
88	Gene expression analysis of isolated salmonid GALT leucocytes in response to PAMPs and recombinant cytokines. Fish and Shellfish Immunology, 2018, 80, 426-436.	1.6	24
89	Dietary supplementation of Chlorella vulgaris ameliorates chronic sodium arsenite toxicity in Nile tilapia Oreochromis niloticus as revealed by histopathological, biochemical and immune gene expression analysis. Fisheries Science, 2019, 85, 199-215.	0.7	22
90	Revisiting the Teleost Thymus: Current Knowledge and Future Perspectives. Biology, 2021, 10, 8.	1.3	22

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91	Evolution of IFN subgroups in bony fish - 2. analysis of subgroup appearance and expansion in teleost fish with a focus on salmonids. Fish and Shellfish Immunology, 2020, 98, 564-573.	1.6	20
92	Characterisation and expression analysis of B-cell activating factor (BAFF) in spiny dogfish (Squalus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Developmental and Comparative Immunology, 2012, 36, 707-717.	1.0	19
93	Characterisation of arginase paralogues in salmonids and their modulation by immune stimulation/ infection. Fish and Shellfish Immunology, 2017, 61, 138-151.	1.6	19
94	Identification of three IFN-Î³ inducible lysosomal thiol reductase (GILT)-like genes in mud crab Scylla paramamosain with distinct gene organizations and patterns of expression. Gene, 2015, 570, 78-88.	1.0	18
95	Characterisation of the TNF superfamily members CD40L and BAFF in the small-spotted catshark () Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	18
96	Induction of IL-22 protein and IL-22-producing cells in rainbow trout Oncorhynchus mykiss. Developmental and Comparative Immunology, 2019, 101, 103449.	1.0	18
97	Expansion of fish CCL20_like chemokines by genome and local gene duplication: Characterisation and expression analysis of 10 CCL20_like chemokines in rainbow trout (Oncorhynchus mykiss). Developmental and Comparative Immunology, 2020, 103, 103502.	1.0	18
98	Ancient Cytokine Interleukin 15-Like (IL-15L) Induces a Type 2 Immune Response. Frontiers in Immunology, 2020, 11, 549319.	2.2	18
99	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.	1.1	17
100	Molecular characterisation of four class 2 cytokine receptor family members in rainbow trout, Oncorhynchus mykiss. Developmental and Comparative Immunology, 2015, 48, 43-54.	1.0	16
101	Identification, molecular characterization and functional analysis of interleukin (IL)-2 and IL-2like (IL-2L) cytokines in sea bass (Dicentrarchus labrax L.). Cytokine, 2020, 126, 154898.	1.4	16
102	B cell receptor accessory molecule CD79Î±: Characterisation and expression analysis in a cartilaginous fish, the spiny dogfish (Squalus acanthias). Fish and Shellfish Immunology, 2013, 34, 1404-1415.	1.6	15
103	Identification and characterization of three CXC chemokines in Asian swamp eel (Monopterus albus) uncovers a third CXCL11_like group in fish. Developmental and Comparative Immunology, 2019, 101, 103454.	1.0	15
104	Characterisation and analysis of IFN-gamma producing cells in rainbow trout Oncorhynchus mykiss. Fish and Shellfish Immunology, 2021, 117, 328-338.	1.6	15
105	Cloning and expression analysis of the transforming growth factor-beta receptors type 1 and 2 in the rainbow trout Oncorhynchus mykiss. Developmental and Comparative Immunology, 2012, 37, 115-126.	1.0	14
106	Molecular characterization and expression analysis of the putative interleukin 6 receptor (IL-6RÎ± and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf N-terminal Ig domain with variable numbers of two repeats. Immunogenetics, 2012, 64, 229-244.	1.2	14
107	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.	1.6	14
108	Characterisation of ZBTB46 and DC-SCRIPT/ZNF366 in rainbow trout, transcription factors potentially involved in dendritic cell maturation and activation in fish. Developmental and Comparative Immunology, 2018, 80, 2-14.	1.0	14

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109	Effects of repeated anaesthesia on gill and general health of Atlantic salmon, <scp>Salmo salar</scp>. Journal of Fish Biology, 2018, 93, 1069-1081.	0.7	14
110	Effective isolation of GALT cells: Insights into the intestine immune response of rainbow trout (Oncorhynchus mykiss) to different bacterin vaccine preparations. Fish and Shellfish Immunology, 2020, 105, 378-392.	1.6	13
111	Distinct modes of action of CD40L and adaptive cytokines IL-2, IL-4/13, IL-10 and IL-21 on rainbow trout IgM+ B cells. Developmental and Comparative Immunology, 2020, 111, 103752.	1.0	13
112	An insight into piscidins: The discovery, modulation and bioactivity of greater amberjack, Seriola dumerili, piscidin. Molecular Immunology, 2019, 114, 378-388.	1.0	12
113	Different origins of paralogues of salmonid TNR1 and TNFR2: Characterisation and expression analysis of four TNF receptor genes in rainbow trout Oncorhynchus mykiss. Developmental and Comparative Immunology, 2019, 99, 103403.	1.0	11
114	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.	1.6	10
115	Distinct response of immune gene expression in peripheral blood leucocytes modulated by bacterin vaccine candidates in rainbow trout Oncorhynchus mykiss: A potential in vitro screening and batch testing system for vaccine development in aquaculture. Fish and Shellfish Immunology, 2019, 93, 631-640.	1.6	10
116	Five subfamilies of Î²-defensin genes are present in salmonids: Evolutionary insights and expression analysis in Atlantic salmon Salmo salar. Developmental and Comparative Immunology, 2020, 104, 103560.	1.0	10
117	Molecular and cellular characterization of European sea bass CD3Îµ+ T lymphocytes and their modulation by microalgal feed supplementation. Cell and Tissue Research, 2021, 384, 149-165.	1.5	10
118	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.	1.6	9
119	Montanideâ„¢ ISA 763A VG and ISA 761 VG induce different immune pathway responses in rainbow trout (Oncorhynchus mykiss) when used as adjuvant for an Aeromonas salmonicida bacterin. Fish and Shellfish Immunology, 2021, 114, 171-183.	1.6	8
120	Characterization and expression analysis of chemokine-like receptor 3 gene in rainbow trout Oncorhynchus mykiss. Fisheries Science, 2016, 82, 613-622.	0.7	7
121	Molecular, Cellular and Functional Analysis of TRÎ³ Chain along the European Sea Bass Dicentrarchus labrax Development. International Journal of Molecular Sciences, 2021, 22, 3376.	1.8	7
122	Four selenoprotein P genes exist in salmonids: Analysis of their origin and expression following Se supplementation and bacterial infection. PLoS ONE, 2018, 13, e0209381.	1.1	6
123	Immune-modulation of two BATF3 paralogues in rainbow trout Oncorhynchus mykiss. Molecular Immunology, 2018, 99, 104-114.	1.0	5
124	Type I Interferon Regulates the Survival and Functionality of B Cells in Rainbow Trout. Frontiers in Immunology, 2020, 11, 1494.	2.2	5
125	Immune gene profiling of different gut regions and gut associated lymphoid cells from rainbow trout (Oncorhynchus mykiss). Fish and Shellfish Immunology, 2016, 53, 112.	1.6	4
126	The sea bass Dicentrarchus labrax as a marine model species in immunology: Insights from basic and applied research. Aquaculture and Fisheries, 2024, 9, 136-143.	1.2	3

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127	CD38 Defines a Subset of B Cells in Rainbow Trout Kidney With High IgM Secreting Capacities. Frontiers in Immunology, 2021, 12, 773888.	2.2	3
128	Characterization of ten CCL20-like cc chemokines in rainbow trout (Oncorhynchus mykiss): Sequence and expression analysis. Fish and Shellfish Immunology, 2019, 91, 446.	1.6	1
129	Erratum for Belmonte et al., Role of Pathogen-Derived Cell Wall Carbohydrates and Prostaglandin E ₂ in Immune Response and Suppression of Fish Immunity by the Oomycete Saprolegnia parasitica. Infection and Immunity, 2015, 83, 454-454.	1.0	0
130	Characterisation of transcription factors in rainbow trout potentially involved in dendritic cell maturation and activation. Fish and Shellfish Immunology, 2016, 53, 74.	1.6	0
131	Detection of interleukin (IL)-22 protein expression in rainbow trout (Oncorhynchus mykiss). Fish and Shellfish Immunology, 2019, 91, 445.	1.6	0