

Shan Nan Chen

List of Publications by Year in descending order

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papers

991
citations

394390

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citing authors

#	ARTICLE	IF	CITATIONS
1	Retinoic acid-inducible gene I (RIG-I)-like receptors (RLRs) in fish: current knowledge and future perspectives. <i>Immunology</i> , 2017, 151, 16-25.	4.4	124
2	Fish type I and type II interferons: composition, receptor usage, production and function. <i>Reviews in Aquaculture</i> , 2020, 12, 773-804.	9.0	101
3	Higher antiviral response of RIG-I through enhancing RIG-I/MAVS-mediated signaling by its long insertion variant in zebrafish. <i>Fish and Shellfish Immunology</i> , 2015, 43, 13-24.	3.6	65
4	NOD2 in zebrafish functions in antibacterial and also antiviral responses via NF- κ B, and also MDA5, RIG-I and MAVS. <i>Fish and Shellfish Immunology</i> , 2016, 55, 173-185.	3.6	54
5	Intronless and intron-containing type I IFN genes coexist in amphibian <i>Xenopus tropicalis</i> : Insights into the origin and evolution of type I IFNs in vertebrates. <i>Developmental and Comparative Immunology</i> , 2017, 67, 166-176.	2.3	50
6	Functional, signalling and transcriptional differences of three distinct type I IFNs in a perciform fish, the mandarin fish <i>Siniperca chuatsi</i> . <i>Developmental and Comparative Immunology</i> , 2018, 84, 94-108.	2.3	47
7	Receptor complex and signalling pathway of the two type II IFNs, IFN- β and IFN- β rel in mandarin fish or the so-called Chinese perch <i>Siniperca chuatsi</i> . <i>Developmental and Comparative Immunology</i> , 2019, 97, 98-112.	2.3	46
8	Functional characterization of IL-10 and its receptor subunits in a perciform fish, the mandarin fish, <i>Siniperca chuatsi</i> . <i>Developmental and Comparative Immunology</i> , 2019, 97, 64-75.	2.3	41
9	Unique Composition of Intronless and Intron-Containing Type I IFNs in the Tibetan Frog <i>Nanorana parkeri</i> Provides New Evidence To Support Independent Retroposition Hypothesis for Type I IFN Genes in Amphibians. <i>Journal of Immunology</i> , 2018, 201, 3329-3342.	0.8	37
10	Identification and establishment of type IV interferon and the characterization of interferon- λ ... including its class II cytokine receptors IFN- λ -R1 and IL-10R2. <i>Nature Communications</i> , 2022, 13, 999.	12.8	36
11	Composition and transcription of all interferon regulatory factors (IRFs), IRF1-11 in a perciform fish, the mandarin fish, <i>Siniperca chuatsi</i> . <i>Developmental and Comparative Immunology</i> , 2018, 81, 127-140.	2.3	34
12	IFN- β in turtle: Conservation in sequence and signalling and role in inhibiting iridovirus replication in Chinese soft-shelled turtle <i>Pelodiscus sinensis</i> . <i>Developmental and Comparative Immunology</i> , 2014, 43, 87-95.	2.3	33
13	IFN- β and its receptors in a reptile reveal the evolutionary conservation of type II IFNs in vertebrates. <i>Developmental and Comparative Immunology</i> , 2013, 41, 587-596.	2.3	32
14	Evolution of IFN- β in tetrapod vertebrates and its functional characterization in green anole lizard (<i>Anolis carolinensis</i>). <i>Developmental and Comparative Immunology</i> , 2016, 61, 208-224.	2.3	32
15	In Primitive Zebrafish, MHC Class II Expression Is Regulated by IFN- β , IRF1, and Two Forms of CIITA. <i>Journal of Immunology</i> , 2020, 204, 2401-2415.	0.8	32
16	Identification and expression analysis of sixteen Toll-like receptor genes, TLR1, TLR2a, TLR2b, TLR3, TLR5M, TLR5S, TLR7-9, TLR13a-c, TLR14, TLR21-23 in mandarin fish <i>Siniperca chuatsi</i> . <i>Developmental and Comparative Immunology</i> , 2021, 121, 104100.	2.3	32
17	Functional characterization of interleukin (IL)-22 and its inhibitor, IL-22 binding protein (IL-22BP) in Mandarin fish, <i>Siniperca chuatsi</i> . <i>Developmental and Comparative Immunology</i> , 2019, 97, 88-97.	2.3	27
18	Two type II IFN members, IFN- β and IFN- β related (rel), regulate differentially IRF1 and IRF11 in zebrafish. <i>Fish and Shellfish Immunology</i> , 2017, 65, 103-110.	3.6	25

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19	Role of zebrafish NLRC5 in antiviral response and transcriptional regulation of MHC related genes. <i>Developmental and Comparative Immunology</i> , 2017, 68, 58-68.	2.3	20
20	Molecular and functional characterization of a short-type peptidoglycan recognition protein, PGRP-S in the amphibian <i>Xenopus laevis</i> . <i>Developmental and Comparative Immunology</i> , 2019, 98, 13-19.	2.3	17
21	Myxovirus resistance (Mx) gene and its differential expression regulated by three type I and two type II IFNs in mandarin fish, <i>Siniperca chuatsi</i> . <i>Developmental and Comparative Immunology</i> , 2020, 105, 103604.	2.3	17
22	Expression and antibacterial analysis of galectin-8 and -9 genes in mandarin fish, <i>Siniperca chuatsi</i> . <i>Fish and Shellfish Immunology</i> , 2020, 107, 463-468.	3.6	13
23	IRF11 regulates positively type I IFN transcription and antiviral response in mandarin fish, <i>Siniperca chuatsi</i> . <i>Developmental and Comparative Immunology</i> , 2021, 114, 103846.	2.3	11
24	Functional characterization of four TIR domain-containing adaptors, MyD88, TRIF, MAL, and SARM in mandarin fish <i>Siniperca chuatsi</i> . <i>Developmental and Comparative Immunology</i> , 2021, 122, 104110.	2.3	11
25	Identification of type I IFNs and their receptors in a cyprinid fish, the topmouth culter <i>Culter alburnus</i> . <i>Fish and Shellfish Immunology</i> , 2020, 102, 326-335.	3.6	9
26	Molecular and functional identification of a short-type peptidoglycan recognition protein, PGRP-S, in the Chinese soft-shelled turtle <i>Pelodiscus sinensis</i> . <i>Developmental and Comparative Immunology</i> , 2021, 117, 103965.	2.3	8
27	Specific bioactivity of IL-22 in intestinal cells as revealed by the expression of IL-22RA1 in Mandarin fish, <i>Siniperca chuatsi</i> . <i>Developmental and Comparative Immunology</i> , 2021, 121, 104107.	2.3	8
28	Transcriptional and subcellular characterization of interferon induced protein-35 (IFP35) in mandarin fish, <i>Siniperca chuatsi</i> . <i>Developmental and Comparative Immunology</i> , 2021, 115, 103877.	2.3	7
29	Four type I IFNs, IFNa1, IFNa2, IFNb, IFNc, and their receptor usage in an osteoglossomorph fish, the Asian arowana, <i>Scleropages formosus</i> . <i>Fish and Shellfish Immunology</i> , 2021, 117, 70-81.	3.6	6
30	Retroposition of the Long Transcript from Multiexon IFN- β Homologs in Ancestry Vertebrate Gave Rise to the Proximal Transcription Elements of Intronless IFN- β Promoter in Humans. <i>Journal of Immunology</i> , 2021, 207, 2512-2520.	0.8	6
31	Presence of two RIG-I-like receptors, MDA5 and LGP2, and their dsRNA binding capacity in a perciform fish, the snakehead <i>Channa argus</i> . <i>Developmental and Comparative Immunology</i> , 2022, 126, 104235.	2.3	4
32	Cloning and functional characterization of IRAK1 from rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Developmental and Comparative Immunology</i> , 2021, 114, 103780.	2.3	3
33	Gene synten, evolution and antiviral activity of type I IFNs in a reptile species, the Chinese soft-shelled turtle <i>Pelodiscus sinensis</i> . <i>Developmental and Comparative Immunology</i> , 2022, , 104461.	2.3	2
34	Molecular characterization and transcriptional conservation of N-myc-interactor, Nmi, by type I and type II IFNs in mandarin fish <i>Siniperca chuatsi</i> . <i>Developmental and Comparative Immunology</i> , 2022, 130, 104354.	2.3	1