

Jianguo Su

List of Publications by Year in descending order

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128
papers

3,732
citations

117571

34
h-index

175177

52
g-index

128
all docs

128
docs citations

128
times ranked

1949
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into the Antiviral Immunity against Grass Carp (<i>Ctenopharyngodon idella</i>) Reovirus (GCRV) in Grass Carp. <i>Journal of Immunology Research</i> , 2015, 2015, 1-18.	0.9	176
2	Evaluation of internal control genes for qRT-PCR normalization in tissues and cell culture for antiviral studies of grass carp (<i>Ctenopharyngodon idella</i>). <i>Fish and Shellfish Immunology</i> , 2011, 30, 830-835.	1.6	141
3	Identification, mRNA expression and genomic structure of TLR22 and its association with GCRV susceptibility/resistance in grass carp (<i>Ctenopharyngodon idella</i>). <i>Developmental and Comparative Immunology</i> , 2012, 36, 450-462.	1.0	111
4	Molecular cloning and immune responsive expression of MDA5 gene, a pivotal member of the RLR gene family from grass carp <i>Ctenopharyngodon idella</i>. <i>Fish and Shellfish Immunology</i> , 2010, 28, 712-718.	1.6	94
5	Teleost-Specific TLR19 Localizes to Endosome, Recognizes dsRNA, Recruits TRIF, Triggers both IFN and NF- κ B Pathways, and Protects Cells from Grass Carp Reovirus Infection. <i>Journal of Immunology</i> , 2018, 200, 573-585.	0.4	90
6	A key gene of the RNA interference pathway in the black tiger shrimp, <i>Penaeus monodon</i> : Identification and functional characterisation of Dicer-1. <i>Fish and Shellfish Immunology</i> , 2008, 24, 223-233.	1.6	88
7	Cyprinid viral diseases and vaccine development. <i>Fish and Shellfish Immunology</i> , 2018, 83, 84-95.	1.6	87
8	A novel fish cell line derived from the brain of Chinese perch <i>Siniperca chuatsi</i>: development and characterization. <i>Journal of Fish Biology</i> , 2015, 86, 32-45.	0.7	76
9	Transcriptome analysis provides insights into the regulatory function of alternative splicing in antiviral immunity in grass carp (<i>Ctenopharyngodon idella</i>). <i>Scientific Reports</i> , 2015, 5, 12946.	1.6	73
10	The polymorphism and haplotype of TLR3 gene in grass carp (<i>Ctenopharyngodon idella</i>) and their associations with susceptibility/resistance to grass carp reovirus. <i>Fish and Shellfish Immunology</i> , 2011, 30, 45-50.	1.6	72
11	Toll-like receptor 4 signaling pathway can be triggered by grass carp reovirus and <i>Aeromonas hydrophila</i> infection in rare minnow <i>Gobiocypris rarus</i> . <i>Fish and Shellfish Immunology</i> , 2009, 27, 33-39.	1.6	69
12	Identification and expression profiling analysis of grass carp <i>Ctenopharyngodon idella</i> LGP2 cDNA. <i>Fish and Shellfish Immunology</i> , 2010, 29, 349-355.	1.6	60
13	Identification of a retinoic acid-inducible gene I from grass carp (<i>Ctenopharyngodon idella</i>) and expression analysis in vivo and in vitro. <i>Fish and Shellfish Immunology</i> , 2011, 30, 936-943.	1.6	60
14	Genomic organization and expression analysis of Toll-like receptor 3 in grass carp (<i>Ctenopharyngodon idella</i>). <i>Fish and Shellfish Immunology</i> , 2009, 27, 433-439.	1.6	57
15	Bioinformatics analysis of organizational and expressional characterizations of the IFNs, IRFs and CRFBs in grass carp <i>Ctenopharyngodon idella</i>. <i>Developmental and Comparative Immunology</i> , 2016, 61, 97-106.	1.0	57
16	Molecular characterizations of grass carp (<i>Ctenopharyngodon idella</i>) TBK1 gene and its roles in regulating IFN-I pathway. <i>Developmental and Comparative Immunology</i> , 2014, 45, 278-290.	1.0	56
17	Pattern recognition receptors in grass carp <i>Ctenopharyngodon idella</i>: I. Organization and expression analysis of TLRs and RLRs. <i>Developmental and Comparative Immunology</i> , 2017, 76, 93-104.	1.0	56
18	Astragalus polysaccharides, chitosan and poly(I:C) obviously enhance inactivated <i>Edwardsiella ictaluri</i> vaccine potency in yellow catfish <i>Pelteobagrus fulvidraco</i> . <i>Fish and Shellfish Immunology</i> , 2019, 87, 379-385.	1.6	56

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19	Molecular cloning, characterization and expression analysis of the PKZ gene in rare minnow <i>Gobiocypris rarus</i> . <i>Fish and Shellfish Immunology</i> , 2008, 25, 106-113.	1.6	54
20	Protective Roles of Grass Carp <i>Ctenopharyngodon idella</i> Mx Isoforms against Grass Carp Reovirus. <i>PLoS ONE</i> , 2012, 7, e52142.	1.1	52
21	Trunk kidney of grass carp (<i>Ctenopharyngodon idella</i>) mediates immune responses against GCRV and viral/bacterial PAMPs <i>in vivo</i> and <i>in vitro</i> . <i>Fish and Shellfish Immunology</i> , 2013, 34, 909-919.	1.6	52
22	Toll-like receptor 3 regulates Mx expression in rare minnow <i>Gobiocypris rarus</i> after viral infection. <i>Immunogenetics</i> , 2008, 60, 195-205.	1.2	51
23	cDNA cloning and mRNA expression of the lipopolysaccharide- and beta-1,3-glucan-binding protein gene from scallop <i>Chlamys farreri</i> . <i>Aquaculture</i> , 2004, 239, 69-80.	1.7	50
24	ROS-induced HSP70 promotes cytoplasmic translocation of high-mobility group box 1b and stimulates antiviral autophagy in grass carp kidney cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 17387-17401.	1.6	50
25	The biological features and genetic diversity of novel fish rhabdovirus isolates in China. <i>Archives of Virology</i> , 2017, 162, 2829-2834.	0.9	49
26	Molecular cloning and characterization of a short type peptidoglycan recognition protein (CfPGRP-S1) cDNA from Zhikong scallop <i>Chlamys farreri</i> . <i>Fish and Shellfish Immunology</i> , 2007, 23, 646-656.	1.6	48
27	Two HMGB1 genes from grass carp <i>Ctenopharyngodon idella</i> mediate immune responses to viral/bacterial PAMPs and GCRV challenge. <i>Developmental and Comparative Immunology</i> , 2013, 39, 133-146.	1.0	44
28	Enhanced grass carp reovirus resistance of Mx-transgenic rare minnow (<i>Gobiocypris rarus</i>). <i>Fish and Shellfish Immunology</i> , 2009, 26, 828-835.	1.6	43
29	Hepcidin protects grass carp (<i>Ctenopharyngodon idellus</i>) against <i>Flavobacterium columnare</i> infection via regulating iron distribution and immune gene expression. <i>Fish and Shellfish Immunology</i> , 2018, 75, 274-283.	1.6	41
30	Molecular cloning, characterization and expression analysis of interferon- β promoter stimulator 1 (IPS-1) gene from grass carp <i>Ctenopharyngodon idella</i> . <i>Fish and Shellfish Immunology</i> , 2011, 30, 317-323.	1.6	39
31	MDA5 Induces a Stronger Interferon Response than RIG-I to GCRV Infection through a Mechanism Involving the Phosphorylation and Dimerization of IRF3 and IRF7 in CIK Cells. <i>Frontiers in Immunology</i> , 2017, 8, 189.	2.2	39
32	Grass Carp Laboratory of Genetics and Physiology 2 Serves As a Negative Regulator in Retinoic Acid-Inducible Gene I- and Melanoma Differentiation-Associated Gene 5-Mediated Antiviral Signaling in Resting State and Early Stage of Grass Carp Reovirus Infection. <i>Frontiers in Immunology</i> , 2017, 8, 352.	2.2	39
33	Progresses on three pattern recognition receptor families (TLRs, RLRs and NLRs) in teleost. <i>Developmental and Comparative Immunology</i> , 2021, 122, 104131.	1.0	39
34	Functional Characterizations of RIG-I to GCRV and Viral/Bacterial PAMPs in Grass Carp <i>Ctenopharyngodon idella</i> . <i>PLoS ONE</i> , 2012, 7, e42182.	1.1	38
35	Characterizations of two grass carp <i>Ctenopharyngodon idella</i> HMGB2 genes and potential roles in innate immunity. <i>Developmental and Comparative Immunology</i> , 2013, 41, 164-177.	1.0	35
36	β -glucan and anisodamine can enhance the immersion immune efficacy of inactivated cyprinid herpesvirus 2 vaccine in <i>Carassius auratus gibelio</i> . <i>Fish and Shellfish Immunology</i> , 2020, 98, 285-295.	1.6	34

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37	Molecular identification and expression analysis of Toll-like receptor 3 in common carp <i>Cyprinus carpio</i> . <i>Journal of Fish Biology</i> , 2010, 76, 1926-1939.	0.7	33
38	Identification and expression profiles of grass carp <i>Ctenopharyngodon idella</i> in responses to double-stranded RNA and virus infection. <i>Journal of Fish Biology</i> , 2012, 80, 2605-2622.	0.7	33
39	Chitosan and anisodamine improve the immune efficacy of inactivated infectious spleen and kidney necrosis virus vaccine in <i>Siniperca chuatsi</i> . <i>Fish and Shellfish Immunology</i> , 2019, 89, 52-60.	1.6	32
40	Identification, expression profiling of a grass carp TLR8 and its inhibition leading to the resistance to reovirus in CIK cells. <i>Developmental and Comparative Immunology</i> , 2013, 41, 82-93.	1.0	30
41	Hematological analysis of <i>Ctenopharyngodon idella</i> , <i>Megalobrama amblycephala</i> and <i>Pelteobagrus fulvidraco</i> : Morphology, ultrastructure, cytochemistry and quantification of peripheral blood cells. <i>Fish and Shellfish Immunology</i> , 2019, 90, 376-384.	1.6	30
42	MicroRNA miR-214 inhibits snakehead vesiculovirus replication by targeting the coding regions of viral N and P. <i>Journal of General Virology</i> , 2017, 98, 1611-1619.	1.3	30
43	Identification, characterization and immunological response analysis of stimulator of interferon gene (STING) from grass carp <i>Ctenopharyngodon idella</i> . <i>Developmental and Comparative Immunology</i> , 2014, 45, 163-176.	1.0	28
44	Transcriptome Analysis Provides Insights into the Markers of Resting and LPS-Activated Macrophages in Grass Carp (<i>Ctenopharyngodon idella</i>). <i>International Journal of Molecular Sciences</i> , 2018, 19, 3562.	1.8	28
45	The Cytomegalovirus Promoter-Driven Short Hairpin RNA Constructs Mediate Effective RNA Interference in Zebrafish In Vivo. <i>Marine Biotechnology</i> , 2008, 10, 262-269.	1.1	27
46	Genomic organization, promoter activity of grass carp MDA5 and the association of its polymorphisms with susceptibility/resistance to grass carp reovirus. <i>Molecular Immunology</i> , 2012, 50, 236-243.	1.0	27
47	Broad-Spectrum Robust Direct Bactericidal Activity of Fish IFN γ 1 Reveals an Antimicrobial Peptide-like Function for Type I IFNs in Vertebrates. <i>Journal of Immunology</i> , 2021, 206, 1337-1347.	0.4	27
48	LGP2 plays extensive roles in modulating innate immune responses in <i>Ctenopharyngodon idella</i> kidney (CIK) cells. <i>Developmental and Comparative Immunology</i> , 2015, 49, 138-148.	1.0	26
49	Immune functions of phagocytic blood cells in teleost. <i>Reviews in Aquaculture</i> , 2022, 14, 630-646.	4.6	26
50	The Combination of Molecular Adjuvant CCL35.2 and DNA Vaccine Significantly Enhances the Immune Protection of <i>Carassius auratus gibelio</i> against CyHV-2 Infection. <i>Vaccines</i> , 2020, 8, 567.	2.1	25
51	Hamp Type-1 Promotes Antimicrobial Defense via Direct Microbial Killing and Regulating Iron Metabolism in Grass Carp (<i>Ctenopharyngodon idella</i>). <i>Biomolecules</i> , 2020, 10, 825.	1.8	25
52	Inducible Nitric Oxide Synthase (iNOS) Mediates Vascular Endothelial Cell Apoptosis in Grass Carp Reovirus (GCRV)-Induced Hemorrhage. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6335.	1.8	23
53	Myeloid differentiation factor 88 gene is involved in antiviral immunity in grass carp <i>Ctenopharyngodon idella</i> . <i>Journal of Fish Biology</i> , 2011, 78, 973-979.	0.7	22
54	A systematic investigation on the composition, evolution and expression characteristics of chemokine superfamily in grass carp <i>Ctenopharyngodon idella</i> . <i>Developmental and Comparative Immunology</i> , 2018, 82, 72-82.	1.0	22

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55	Administration of dietary recombinant hepcidin on grass carp (<i>Ctenopharyngodon idella</i>) against <i>Flavobacterium columnare</i> infection under cage aquaculture conditions. <i>Fish and Shellfish Immunology</i> , 2020, 99, 27-34.	1.6	22
56	cDNA cloning and characterization of a new member of the tumor necrosis factor receptor family gene from scallop, <i>Chlamys farreri</i> . <i>Molecular Biology Reports</i> , 2011, 38, 4483-4490.	1.0	21
57	Identification and expression profiles of ADAR1 gene, responsible for RNA editing, in responses to dsRNA and GCRV challenge in grass carp (<i>Ctenopharyngodon idella</i>). <i>Fish and Shellfish Immunology</i> , 2012, 33, 1042-1049.	1.6	21
58	Identification and functional characterizations of a novel TRIF gene from grass carp (<i>Ctenopharyngodon idella</i>). <i>Developmental and Comparative Immunology</i> , 2013, 41, 222-229.	1.0	21
59	Chemotactic effect of β -defensin 1 on macrophages in <i>Megalobrama amblycephala</i> . <i>Fish and Shellfish Immunology</i> , 2018, 74, 35-42.	1.6	21
60	CXCL20a, a Teleost-Specific Chemokine That Orchestrates Direct Bactericidal, Chemotactic, and Phagocytosis-Killing-Promoting Functions, Contributes to Clearance of Bacterial Infections. <i>Journal of Immunology</i> , 2021, 207, 1911-1925.	0.4	21
61	Glutamine and glutaminolysis are required for efficient replication of infectious spleen and kidney necrosis virus in Chinese perch brain cells. <i>Oncotarget</i> , 2017, 8, 2400-2412.	0.8	21
62	The discovery of type IV interferon system revolutionizes interferon family and opens up a new frontier in jawed vertebrate immune defense. <i>Science China Life Sciences</i> , 2022, 65, 2335-2337.	2.3	21
63	Grass carp reovirus activates RNAi pathway in rare minnow, <i>Gobiocypris rarus</i> . <i>Aquaculture</i> , 2009, 289, 1-5.	1.7	20
64	Genomic structure of grass carp Mx2 and the association of its polymorphisms with susceptibility/resistance to grass carp reovirus. <i>Molecular Immunology</i> , 2011, 49, 359-366.	1.0	20
65	Cloning and preliminary functional studies of the JAM-A gene in grass carp (<i>Ctenopharyngodon</i>) Tj ETQq1 1 0.784314 rgBT / Qyerlock	1.6	20
66	A specific CpG oligodeoxynucleotide induces protective antiviral responses against grass carp reovirus in grass carp <i>Ctenopharyngodon idella</i> . <i>Developmental and Comparative Immunology</i> , 2016, 60, 218-227.	1.0	20
67	Immunomodulatory Effects and Induction of Apoptosis by Different Molecular Weight Chitosan Oligosaccharides in Head Kidney Macrophages From Blunt Snout Bream (<i>Megalobrama amblycephala</i>). <i>Frontiers in Immunology</i> , 2019, 10, 869.	2.2	19
68	The antiviral mechanism of viperin and its splice variant in spring viremia of carp virus infected fathead minnow cells. <i>Fish and Shellfish Immunology</i> , 2019, 86, 805-813.	1.6	19
69	Thoroughly Remold the Localization and Signaling Pathway of TLR22. <i>Frontiers in Immunology</i> , 2019, 10, 3003.	2.2	19
70	SNP detection of TLR8 gene, association study with susceptibility/resistance to GCRV and regulation on mRNA expression in grass carp, <i>Ctenopharyngodon idella</i> . <i>Fish and Shellfish Immunology</i> , 2015, 43, 1-12.	1.6	18
71	CpA/CpG methylation of CiMDA5 possesses tight association with the resistance against GCRV and negatively regulates mRNA expression in grass carp, <i>Ctenopharyngodon idella</i> . <i>Developmental and Comparative Immunology</i> , 2015, 48, 86-94.	1.0	18
72	DNA methylation of CiRIG-I gene notably relates to the resistance against GCRV and negatively-regulates mRNA expression in grass carp, <i>Ctenopharyngodon idella</i> . <i>Immunobiology</i> , 2016, 221, 23-30.	0.8	18

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73	Large-scale SNP screenings identify markers linked with GCRV resistant traits through transcriptomes of individuals and cell lines in <i>Ctenopharyngodon idella</i> . <i>Scientific Reports</i> , 2017, 7, 1184.	1.6	18
74	Chitosan reduces the protective effects of IFN- β 2 on grass carp (<i>Ctenopharyngodon idella</i>) against <i>Flavobacterium columnare</i> infection due to excessive inflammation. <i>Fish and Shellfish Immunology</i> , 2019, 95, 305-313.	1.6	17
75	The systematic identification and mRNA expression profiles post viral or bacterial challenge of complement system in grass carp <i>Ctenopharyngodon idella</i> . <i>Fish and Shellfish Immunology</i> , 2019, 86, 107-115.	1.6	17
76	Pattern recognition receptors in grass carp <i>Ctenopharyngodon idella</i> : II. Organization and expression analysis of NOD-like receptors. <i>Developmental and Comparative Immunology</i> , 2020, 110, 103734.	1.0	17
77	A plasmid containing CpG ODN as vaccine adjuvant against grass carp reovirus in grass carp <i>Ctenopharyngodon idella</i> . <i>Oncotarget</i> , 2017, 8, 86576-86591.	0.8	17
78	Plant-Produced Vaccines: Future Applications in Aquaculture. <i>Frontiers in Plant Science</i> , 2021, 12, 718775.	1.7	16
79	Knock down of gfp and no tail expression in zebrafish embryo by in vivo-transcribed short hairpin RNA with T7 plasmid system. <i>Journal of Biomedical Science</i> , 2007, 14, 767-776.	2.6	15
80	Hybrid Cytomegalovirus-U6 Promoter-based Plasmid Vectors Improve Efficiency of RNA Interference in Zebrafish. <i>Marine Biotechnology</i> , 2008, 10, 511-517.	1.1	15
81	Construction and Characterization of Two Bacterial Artificial Chromosome Libraries of Grass Carp. <i>Marine Biotechnology</i> , 2010, 12, 261-266.	1.1	15
82	Genetic structure, polymorphism identification of LGP2 gene and their relationship with the resistance/susceptibility to GCRV in grass carp, <i>Ctenopharyngodon idella</i> . <i>Gene</i> , 2013, 521, 166-175.	1.0	15
83	Grass carp SARM1 and its two splice variants negatively regulate IFN-I response and promote cell death upon GCRV infection at different subcellular locations. <i>Developmental and Comparative Immunology</i> , 2015, 48, 102-115.	1.0	15
84	Editorial: Ligands, Adaptors and Pathways of TLRs in Non-mammals. <i>Frontiers in Immunology</i> , 2019, 10, 2439.	2.2	15
85	Carboxymethyl chitosan nanoparticles loaded with bioactive protein CiCXCL20a effectively prevent bacterial disease in grass carp (<i>Ctenopharyngodon idella</i>). <i>Aquaculture</i> , 2022, 549, 737745.	1.7	15
86	Oral Administration of <i>Bacillus subtilis</i> Subunit Vaccine Significantly Enhances the Immune Protection of Grass Carp against GCRV-II Infection. <i>Viruses</i> , 2022, 14, 30.	1.5	15
87	Genomic sequence comparison, promoter activity, SNP detection of RIG-I gene and association with resistance/susceptibility to grass carp reovirus in grass carp (<i>Ctenopharyngodon idella</i>). <i>Developmental and Comparative Immunology</i> , 2013, 39, 333-342.	1.0	14
88	Functions of MDA5 and its domains in response to GCRV or bacterial PAMPs. <i>Fish and Shellfish Immunology</i> , 2015, 46, 693-702.	1.6	14
89	The destiny of the resistance/susceptibility against GCRV is controlled by epigenetic mechanisms in CIK cells. <i>Scientific Reports</i> , 2017, 7, 4551.	1.6	14
90	Distribution of mannose receptor in blunt snout bream (<i>Megalobrama amblycephala</i>) during the embryonic development and its immune response to the challenge of <i>Aeromonas hydrophila</i> . <i>Fish and Shellfish Immunology</i> , 2018, 78, 52-59.	1.6	14

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91	Gene-based polymorphisms, genomic organization of interferon- β promoter stimulator 1 (IPS-1) gene and association study with the natural resistance to grass carp reovirus in grass carp <i>Ctenopharyngodon idella</i> . <i>Developmental and Comparative Immunology</i> , 2013, 41, 756-765.	1.0	13
92	CpG methylation in the 5'-flanking region of LGP2 gene lacks association with resistance/susceptibility to GCRV but contributes to the differential expression between muscle and spleen tissues in grass carp, <i>Ctenopharyngodon idella</i> . <i>Fish and Shellfish Immunology</i> , 2014, 40, 154-163.	1.6	13
93	GCRV hijacks TBK1 to evade IRF7-mediated antiviral immune responses in grass carp <i>Ctenopharyngodon idella</i> . <i>Fish and Shellfish Immunology</i> , 2019, 93, 492-499.	1.6	13
94	Development of a reverse genetics system for snakehead vesiculovirus (SHV). <i>Virology</i> , 2019, 526, 32-37.	1.1	13
95	Hematological and immune genes responses in yellow catfish (<i>Pelteobagrus fulvidraco</i>) with septicemia induced by <i>Edwardsiella ictaluri</i> . <i>Fish and Shellfish Immunology</i> , 2020, 97, 531-539.	1.6	13
96	Hepcidin Protects Yellow Catfish (<i>Pelteobagrus fulvidraco</i>) against <i>Aeromonas veronii</i> -Induced Ascites Disease by Regulating Iron Metabolism. <i>Antibiotics</i> , 2021, 10, 848.	1.5	13
97	Dynamic localization and the associated translocation mechanism of HMGBs in response to GCRV challenge in CIK cells. <i>Cellular and Molecular Immunology</i> , 2015, 12, 342-353.	4.8	12
98	Grass Carp Reovirus Major Outer Capsid Protein VP4 Interacts with RNA Sensor RIG-I to Suppress Interferon Response. <i>Biomolecules</i> , 2020, 10, 560.	1.8	12
99	Mannose Receptor Mediates the Activation of Chitooligosaccharides on Blunt Snout Bream (<i>Megalobrama amblycephala</i>) Macrophages. <i>Frontiers in Immunology</i> , 2021, 12, 686846.	2.2	12
100	Nanopeptide CMCS-20H loaded by carboxymethyl chitosan remarkably enhances protective efficacy against bacterial infection in fish. <i>International Journal of Biological Macromolecules</i> , 2022, 201, 226-241.	3.6	11
101	An Oral Microencapsulated Vaccine Loaded by Sodium Alginate Effectively Enhances Protection Against GCRV Infection in Grass Carp (<i>Ctenopharyngodon idella</i>). <i>Frontiers in Immunology</i> , 2022, 13, 848958.	2.2	11
102	Cyprinid-specific duplicated membrane TLR5 senses dsRNA as functional homodimeric receptors. <i>EMBO Reports</i> , 2022, 23, .	2.0	11
103	Two novel homologs of high mobility group box 3 gene in grass carp (<i>Ctenopharyngodon idella</i>): Potential roles in innate immune responses. <i>Fish and Shellfish Immunology</i> , 2013, 35, 1501-1510.	1.6	10
104	Functional characterizations of IPS-1 in CIK cells: Potential roles in regulating IFN-I response dependent on IRF7 but not IRF3. <i>Developmental and Comparative Immunology</i> , 2015, 53, 23-32.	1.0	10
105	Identification and expression analysis of the <i>sting</i> gene, a sensor of viral DNA, in common carp <i>Cyprinus carpio</i> . <i>Journal of Fish Biology</i> , 2016, 88, 1949-1964.	0.7	10
106	Oral Administration of Nanopeptide CMCS-20H Conspicuously Boosts Immunity and Precautionary Effect Against Bacterial Infection in Fish. <i>Frontiers in Immunology</i> , 2021, 12, 811616.	2.2	10
107	A Novel Antimicrobial Peptide Derived from Bony Fish IFN1 Exerts Potent Antimicrobial and Anti-Inflammatory Activity in Mammals. <i>Microbiology Spectrum</i> , 2022, 10, e0201321.	1.2	10
108	Genomic organization, nucleotide sequence analysis of the core histone genes cluster in <i>Chlamys farreri</i> and molecular evolution assessment of the H2A and H2B. <i>DNA Sequence</i> , 2006, 17, 440-451.	0.7	9

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109	Isolation and characterization of Argonaute 2: A key gene of the RNA interference pathway in the rare minnow, <i>Gobiocypris rarus</i> . <i>Fish and Shellfish Immunology</i> , 2009, 26, 164-170.	1.6	9
110	Correlation between grass carp (<i>Ctenopharyngodon idella</i>) resistance to grass carp reovirus and the genetic insert-deletion polymorphisms in promoter and intron of RIG-I gene. <i>Gene</i> , 2013, 516, 320-327.	1.0	9
111	Characterization and Antimicrobial Activity of the Teleost Chemokine CXCL20b. <i>Antibiotics</i> , 2020, 9, 78.	1.5	9
112	Grass Carp Reovirus VP56 Allies VP4, Recruits, Blocks, and Degrades RIG-I to More Effectively Attenuate IFN Responses and Facilitate Viral Evasion. <i>Microbiology Spectrum</i> , 2021, 9, e0100021.	1.2	9
113	A 15 nucleotide deletion mutation in coding region of the RIG-I lowers grass carp (<i>Ctenopharyngodon</i>) Tj ETQq1 1 0.784314 ggBT /Over	1.6	9
114	Identification and expression of the laboratory of genetics and physiology 2 gene in common carp <i>Cyprinus carpio</i> . <i>Journal of Fish Biology</i> , 2015, 86, 74-91.	0.7	8
115	Leader RNA regulates snakehead vesiculovirus replication via interacting with viral nucleoprotein. <i>RNA Biology</i> , 2021, 18, 537-546.	1.5	8
116	Mandarin fish p53: Genomic structure, alternatively spliced variant and its mRNA expression after virus challenge. <i>Fish and Shellfish Immunology</i> , 2017, 70, 536-544.	1.6	7
117	Transferrin Receptor 1-Associated Iron Accumulation and Oxidative Stress Provides a Way for Grass Carp to Fight against Reovirus Infection. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5857.	1.8	7
118	Dietary supplementation with nanoparticle CMCS-20a enhances the resistance to GCRV infection in grass carp (<i>Ctenopharyngodon idella</i>). <i>Fish and Shellfish Immunology</i> , 2022, 127, 572-584.	1.6	7
119	Inhibition of Cyclophilin A on the replication of red spotted grouper nervous necrosis virus associates with multiple pro-inflammatory factors. <i>Fish and Shellfish Immunology</i> , 2019, 92, 172-180.	1.6	6
120	Type II Grass Carp Reovirus Infects Leukocytes but Not Erythrocytes and Thrombocytes in Grass Carp (<i>Ctenopharyngodon idella</i>). <i>Viruses</i> , 2021, 13, 870.	1.5	6
121	SNP-based susceptibility-resistance association and mRNA expression regulation analyses of <i>tlr7</i> to grass carp <i>Ctenopharyngodon idella</i> reovirus. <i>Journal of Fish Biology</i> , 2018, 92, 1505-1525.	0.7	5
122	Advances in aquatic animal RIG-I-like receptors. <i>Fish and Shellfish Immunology Reports</i> , 2021, 2, 100012.	0.5	5
123	Teleost-Specific MxG, a Traitor in the Mx Family, Negatively Regulates Antiviral Responses by Targeting IPS-1 for Proteasomal Degradation and STING for Lysosomal Degradation. <i>Journal of Immunology</i> , 2021, 207, 281-295.	0.4	4
124	Identification and immune responses of thrombocytes in bacterial and viral infections in grass carp (<i>Ctenopharyngodon idella</i>). <i>Fish and Shellfish Immunology</i> , 2022, 123, 314-323.	1.6	4
125	Functional characterizations and expression profiles of ADAR2 gene, responsible for RNA editing, in response to GCRV challenge in grass carp (<i>Ctenopharyngodon idella</i>). <i>Fish and Shellfish Immunology</i> , 2016, 56, 534-542.	1.6	3
126	Genome-wide identification, evolution, and transcriptome-based expression profiling analysis of suppressors of cytokine signaling (SOCS) in grass carp (<i>Ctenopharyngodon idella</i>). <i>Aquaculture</i> , 2021, 536, 736484.	1.7	3

#	ARTICLE	IF	CITATIONS
127	Genome-wide identification and evolution of interleukins and their potential roles in response to GCRV and <i>Aeromonas hydrophila</i> challenge in grass carp (<i>Ctenopharyngodon idella</i>). <i>Aquaculture</i> , 2022, 556, 738266.	1.7	1
128	Anti-Aquareovirus Immunity. , 2021, , 213-235.		0