

# Chao Li

## List of Publications by Year in descending order

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Version: 2024-02-01

146  
papers

4,646  
citations

109321

35  
h-index

123424

61  
g-index

150  
all docs

150  
docs citations

150  
times ranked

3953  
citing authors

#	ARTICLE	IF	CITATIONS
1	CC chemokines and their receptors in black rockfish ( <i>Sebastes schlegelii</i> ): Characterization, evolutionary analysis, and expression patterns after <i>Aeromonas salmonicida</i> infection. <i>Aquaculture</i> , 2022, 546, 737377.	3.5	8
2	Improvements of immune genes and intestinal microbiota composition of turbot ( <i>Scophthalmus</i> ) Tj ETQq0 0 0 rgBT (Overlock 10 Tf 50	3.5	19
3	Genome-wide characterization of gap junction (connexins and pannexins) genes in turbot ( <i>Scophthalmus maximus</i> L.): evolution and immune response following <i>Vibrio anguillarum</i> infection. <i>Gene</i> , 2022, 809, 146032.	2.2	5
4	Comparative Transcriptome Analysis of Spleen Reveals Potential Regulation of Genes and Immune Pathways Following Administration of <i>Aeromonas salmonicida</i> subsp. <i>masoucida</i> Vaccine in Atlantic Salmon ( <i>Salmo salar</i> ). <i>Marine Biotechnology</i> , 2022, 24, 97-115.	2.4	6
5	Identification of mRNA-miRNA-lncRNA regulatory network associated with the immune response to <i>Aeromonas salmonicida</i> infection in the black rockfish ( <i>Sebastes schlegelii</i> ). <i>Developmental and Comparative Immunology</i> , 2022, 130, 104357.	2.3	13
6	Characterization and the potential immune role of class A scavenger receptor member 4 (SCARA4) in bacterial infection in turbot ( <i>Scophthalmus maximus</i> L.). <i>Fish and Shellfish Immunology</i> , 2022, 120, 590-598.	3.6	2
7	Characterization of IL-17/IL-17R gene family in <i>Sebastes schlegelii</i> and their expression profiles under <i>Aeromonas salmonicida</i> and <i>Edwardsiella piscicida</i> infections. <i>Aquaculture</i> , 2022, 551, 737901.	3.5	4
8	Structures, evolutionary relationships and expression profiles of the tumour necrosis factor superfamily and their receptors in black rockfish ( <i>Sebastes schlegelii</i> ). <i>Developmental and Comparative Immunology</i> , 2022, 132, 104405.	2.3	0
9	Molecular characterization, antibacterial activity and mechanism analyzation of three different piscidins from black rockfish, <i>Sebastes schlegelii</i> . <i>Developmental and Comparative Immunology</i> , 2022, 131, 104394.	2.3	7
10	Characterization, evolution and expression analysis of Toll-like receptor 7 (TLR7) in turbot ( <i>Scophthalmus maximus</i> L.). <i>Fish and Shellfish Immunology</i> , 2022, 125, 9-16.	3.6	3
11	Transcriptomic characterization of Atlantic salmon ( <i>Salmo salar</i> ) head kidney following administration of <i>Aeromonas salmonicida</i> subsp. <i>masoucida</i> vaccine. <i>Fish and Shellfish Immunology</i> , 2022, , .	3.6	0
12	CC and CXC chemokines in turbot ( <i>Scophthalmus maximus</i> L.): Identification, evolutionary analyses, and expression profiling after <i>Aeromonas salmonicida</i> infection. <i>Fish and Shellfish Immunology</i> , 2022, 127, 82-98.	3.6	5
13	Characterization and expression analysis of mitochondrial localization molecule: NOD-like receptor X1 (NlrX1) in mucosal tissues of turbot ( <i>Scophthalmus maximus</i> ) following bacterial challenge. <i>Developmental and Comparative Immunology</i> , 2021, 116, 103944.	2.3	8
14	Galectins in turbot ( <i>Scophthalmus maximus</i> L.): Characterization and expression profiling in mucosal tissues. <i>Fish and Shellfish Immunology</i> , 2021, 109, 71-81.	3.6	5
15	Elite allele mining for growth rate traits in common carp ( <i>Cyprinus carpio</i> ) by association analysis. <i>Aquaculture Research</i> , 2021, 52, 1192-1200.	1.8	2
16	Identification and Characterization of Long Non-coding RNAs in the Intestine of Olive Flounder ( <i>Paralichthys olivaceus</i> ) During <i>Edwardsiella tarda</i> Infection. <i>Frontiers in Immunology</i> , 2021, 12, 623764.	4.8	21
17	A teleost bactericidal permeability-increasing protein-derived peptide that possesses a broad antibacterial spectrum and inhibits bacterial infection as well as human colon cancer cells growth. <i>Developmental and Comparative Immunology</i> , 2021, 118, 103995.	2.3	12
18	Identification and characterization of a C-type lectin in turbot ( <i>Scophthalmus maximus</i> ) which functioning as a pattern recognition receptor that binds and agglutinates various bacteria. <i>Fish and Shellfish Immunology</i> , 2021, 115, 104-111.	3.6	16

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19	Genome-wide identification of NOD-like receptors and their expression profiling in mucosal tissues of turbot ( <i>Scophthalmus maximus</i> L.) upon bacteria challenge. <i>Molecular Immunology</i> , 2021, 134, 48-61.	2.2	10
20	Revealing New Landscape of Turbot ( <i>Scophthalmus maximus</i> ) Spleen Infected with <i>Aeromonas salmonicida</i> through Immune Related circRNA-miRNA-mRNA Axis. <i>Biology</i> , 2021, 10, 626.	2.8	4
21	Complement genes in black rockfish ( <i>Sebastes schlegelii</i> ): genome-wide identification, evolution and their potential functions in response to <i>Vibrio anguillarum</i> infection. <i>Fish and Shellfish Immunology</i> , 2021, 114, 119-131.	3.6	5
22	Characterization of antibacterial activities and the related mechanisms of a $\beta$ 2-defensin in turbot ( <i>Scophthalmus maximus</i> ). <i>Aquaculture</i> , 2021, 541, 736839.	3.5	5
23	Characterization of toll-like receptor 1 (TLR1) in turbot ( <i>Scophthalmus maximus</i> L.). <i>Fish and Shellfish Immunology</i> , 2021, 115, 27-34.	3.6	11
24	Genome-wide identification of interleukin-17 (IL-17) / interleukin-17 receptor (IL-17R) in turbot ( <i>Scophthalmus maximus</i> ) and expression pattern analysis after <i>Vibrio anguillarum</i> infection. <i>Developmental and Comparative Immunology</i> , 2021, 121, 104070.	2.3	11
25	Genome-wide identification and analysis of NOD-like receptors and their potential roles in response to <i>Edwardsiella tarda</i> infection in black rockfish ( <i>Sebastes schlegelii</i> ). <i>Aquaculture</i> , 2021, 541, 736803.	3.5	12
26	CXC chemokines and their receptors in black rockfish ( <i>Sebastes schlegelii</i> ): Characterization, evolution analyses, and expression pattern after <i>Aeromonas salmonicida</i> infection. <i>International Journal of Biological Macromolecules</i> , 2021, 186, 109-124.	7.5	14
27	Transcriptome analysis reveals deep insights into the early immune response of turbot ( <i>Scophthalmus</i> ) Tj ETQq1 1 0.784314 rgBT /Over 119, 163-172.	3.6	10
28	Genome-Wide Characterization of Aquaporins (aqps) in <i>Lateolabrax maculatus</i> : Evolution and Expression Patterns During Freshwater Acclimation. <i>Marine Biotechnology</i> , 2021, 23, 696-709.	2.4	2
29	The CC and CXC chemokine receptors in turbot ( <i>Scophthalmus maximus</i> L.) and their response to <i>Aeromonas salmonicida</i> infection. <i>Developmental and Comparative Immunology</i> , 2021, 123, 104155.	2.3	9
30	Comparative analysis of the miRNA-mRNA regulation networks in turbot ( <i>Scophthalmus maximus</i> L.) following <i>Vibrio anguillarum</i> infection. <i>Developmental and Comparative Immunology</i> , 2021, 124, 104164.	2.3	8
31	Genome-wide identification, characterization, and expression of the Toll-like receptors in Japanese flounder ( <i>Paralichthys olivaceus</i> ). <i>Aquaculture</i> , 2021, 545, 737127.	3.5	11
32	Identification of Antimicrobial Peptide Genes in Black Rockfish <i>Sebastes schlegelii</i> and Their Responsive Mechanisms to <i>Edwardsiella tarda</i> Infection. <i>Biology</i> , 2021, 10, 1015.	2.8	14
33	Biosynthesis and Isotopic Routing of Dietary Protein by Sea Cucumber <i>Apostichopus japonicus</i> (Selenka): Evidence from Compound-Specific Carbon Stable Isotope Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2021, , .	5.2	5
34	Characterization of the immune roles of cathepsin L in turbot ( <i>Scophthalmus maximus</i> L.) mucosal immunity. <i>Fish and Shellfish Immunology</i> , 2020, 97, 322-335.	3.6	22
35	Coexistence of Three Divergent mtDNA Lineages in Northeast Asia Provides New Insights into Phylogeography of Goldfish ( <i>Carassius auratus</i> ). <i>Animals</i> , 2020, 10, 1785.	2.3	1
36	Full-length transcriptome sequencing from multiple immune-related tissues of <i>Paralichthys olivaceus</i> . <i>Fish and Shellfish Immunology</i> , 2020, 106, 930-937.	3.6	13

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37	Full length transcriptome profiling reveals novel immune-related genes in black rockfish ( <i>Sebastes</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock	3.6	19
38	Analysis of differential gene expression in <i>Litopenaeus vannamei</i> under High salinity stress. Aquaculture Reports, 2020, 18, 100423.	1.7	11
39	Genome-wide characterization of Toll-like receptors in black rockfish <i>Sebastes schlegelii</i> : Evolution and response mechanisms following <i>Edwardsiella tarda</i> infection. International Journal of Biological Macromolecules, 2020, 164, 949-962.	7.5	28
40	Characterization of class B scavenger receptor type 1 (SRB1) in turbot ( <i>Scophthalmus maximus</i> L.). Fish and Shellfish Immunology, 2020, 100, 358-367.	3.6	9
41	The efficacy of lactic acid bacteria usage in turbot <i>Scophthalmus maximus</i> on intestinal microbiota and expression of the immune related genes. Fish and Shellfish Immunology, 2020, 100, 90-97.	3.6	21
42	Characterization of a novel lncRNA (SETD3-OT) in turbot ( <i>Scophthalmus maximus</i> L.). Fish and Shellfish Immunology, 2020, 102, 145-151.	3.6	19
43	Draft genomes of two Atlantic bay scallop subspecies <i>Argopecten irradians irradians</i> and <i>A. i. concentricus</i> . Scientific Data, 2020, 7, 99.	5.3	37
44	Genome-wide identification, expression signature and immune functional analysis of two cathepsin S (CTSS) genes in turbot ( <i>Scophthalmus maximus</i> L.). Fish and Shellfish Immunology, 2020, 102, 243-256.	3.6	7
45	Integrated Analysis of circRNA-miRNA-mRNA Regulatory Networks in the Intestine of <i>Sebastes schlegelii</i> Following <i>Edwardsiella tarda</i> Challenge. Frontiers in Immunology, 2020, 11, 618687.	4.8	19
46	Identification of Potential Immune-Related circRNA-miRNA-mRNA Regulatory Network in Intestine of <i>Paralichthys olivaceus</i> During <i>Edwardsiella tarda</i> Infection. Frontiers in Genetics, 2019, 10, 731.	2.3	49
47	Water quality and nitrogen budget in turbot <i>Scophthalmus maximus</i> culture system supplemented with lactic acid bacteria. Aquaculture Research, 2019, 50, 2743-2750.	1.8	3
48	Effect of seasonal high temperature on the immune response in <i>Apostichopus japonicus</i> by transcriptome analysis. Fish and Shellfish Immunology, 2019, 92, 765-771.	3.6	27
49	Characterization and initial functional analysis of cathepsin K in turbot ( <i>Scophthalmus maximus</i> L.). Fish and Shellfish Immunology, 2019, 93, 153-160.	3.6	5
50	Dynamics of MiRNA Transcriptome in Turbot ( <i>Scophthalmus maximus</i> L.) Intestine Following <i>Vibrio anguillarum</i> Infection. Marine Biotechnology, 2019, 21, 550-564.	2.4	26
51	Identification and initial functional characterization of lysosomal integral membrane protein type 2 (LIMP-2) in turbot ( <i>Scophthalmus maximus</i> L.). Developmental and Comparative Immunology, 2019, 99, 103412.	2.3	14
52	Identification and expression profiling analysis of microRNAs in Nile tilapia ( <i>Oreochromis niloticus</i> ) in response to <i>Streptococcus agalactiae</i> infection. Fish and Shellfish Immunology, 2019, 87, 333-345.	3.6	16
53	Characterization, expression profiling and functional characterization of cathepsin Z (CTSZ) in turbot ( <i>Scophthalmus maximus</i> L.). Fish and Shellfish Immunology, 2019, 84, 599-608.	3.6	12
54	Expression profiling and microbial ligand binding analysis of galectin-4 in turbot ( <i>Scophthalmus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	3.6	11

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55	Expression profiling and functional characterization of galectin-3 of turbot ( <i>Scophthalmus maximus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 54.	3.6	12
56	Draft genome of the Peruvian scallop <i>Argopecten purpuratus</i> . GigaScience, 2018, 7, .	6.4	60
57	Bioinformatics characterization of a cathepsin B transcript from the giant river prawn, <i>Macrobrachium rosenbergii</i> : Homology modeling and expression analysis after <i>Aeromonas hydrophila</i> infection. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2018, 221-222, 18-28.	1.6	8
58	Basal polarization of the immune responses to <i>Streptococcus agalactiae</i> susceptible and resistant tilapia ( <i>Oreochromis niloticus</i> ). Fish and Shellfish Immunology, 2018, 75, 336-345.	3.6	13
59	Effects of dietary supplementation of four strains of lactic acid bacteria on growth, immune-related response and genes expression of the juvenile sea cucumber <i>Apostichopus japonicus</i> Selenka. Fish and Shellfish Immunology, 2018, 74, 69-75.	3.6	62
60	SNP marker panels for parentage assignment and traceability in the Florida bass ( <i>Micropterus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54.	3.5	30
61	Expression profiling and functional characterization of CD36 in turbot ( <i>Scophthalmus maximus</i> L.). Fish and Shellfish Immunology, 2018, 81, 485-492.	3.6	15
62	Characterization, expression signatures and microbial binding analysis of cathepsin A in turbot, <i>Scophthalmus maximus</i> L.(SmCTSA). Fish and Shellfish Immunology, 2018, 81, 21-28.	3.6	15
63	Understanding microRNAs regulation in heat shock response in the sea cucumber <i>Apostichopus japonicus</i> . Fish and Shellfish Immunology, 2018, 81, 214-220.	3.6	12
64	The characterization and initial immune functional analysis of SCARA5 in turbot ( <i>Scophthalmus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54.	3.6	7
65	I -rhamnose-binding lectins (RBLs) in turbot ( <i>Scophthalmus maximus</i> L.): Characterization and expression profiling in mucosal tissues. Fish and Shellfish Immunology, 2018, 80, 264-273.	3.6	15
66	RNA-Seq Analysis of the Antioxidant Status and Immune Response of <i>Portunus trituberculatus</i> Following Aerial Exposure. Marine Biotechnology, 2017, 19, 89-101.	2.4	33
67	Transcriptomic profiling analysis of tilapia ( <i>Oreochromis niloticus</i> ) following <i>Streptococcus agalactiae</i> challenge. Fish and Shellfish Immunology, 2017, 62, 202-212.	3.6	48
68	Characterization and expression analysis of chitinase genes (CHIT1, CHIT2 and CHIT3) in turbot ( <i>Scophthalmus maximus</i> L.) following bacterial challenge. Fish and Shellfish Immunology, 2017, 64, 357-366.	3.6	19
69	The involvement of cathepsin F gene (CTSF) in turbot ( <i>Scophthalmus maximus</i> L.) mucosal immunity. Fish and Shellfish Immunology, 2017, 66, 270-279.	3.6	18
70	Characterization and expression profiling of NOD-like receptor C3 (NLRC3) in mucosal tissues of turbot ( <i>Scophthalmus maximus</i> L.) following bacterial challenge. Fish and Shellfish Immunology, 2017, 66, 231-239.	3.6	40
71	The chemokine superfamily: II. The 64 CC chemokines in channel catfish and their involvement in disease and hypoxia responses. Developmental and Comparative Immunology, 2017, 73, 97-108.	2.3	36
72	The chemokine superfamily in channel catfish: I. CXC subfamily and their involvement in disease defense and hypoxia responses. Fish and Shellfish Immunology, 2017, 60, 380-390.	3.6	42

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73	The CC and CXC chemokine receptors in channel catfish ( <i>Ictalurus punctatus</i> ) and their involvement in disease and hypoxia responses. <i>Developmental and Comparative Immunology</i> , 2017, 77, 241-251.	2.3	32
74	More than just antibodies: Protective mechanisms of a mucosal vaccine against fish pathogen <i>Flavobacterium columnare</i> . <i>Fish and Shellfish Immunology</i> , 2017, 71, 160-170.	3.6	39
75	Identification, characterization and expression analysis of TLR5 in the mucosal tissues of turbot ( <i>Scophthalmus maximus</i> L.) following bacterial challenge. <i>Fish and Shellfish Immunology</i> , 2017, 68, 272-279.	3.6	32
76	Identification and expression analysis of fetuin B (FETUB) in turbot ( <i>Scophthalmus maximus</i> L.) mucosal barriers following bacterial challenge. <i>Fish and Shellfish Immunology</i> , 2017, 68, 386-394.	3.6	19
77	Impact of oral and waterborne administration of rhamnolipids on the susceptibility of channel catfish ( <i>Ictalurus punctatus</i> ) to <i>Flavobacterium columnare</i> infection. <i>Fish and Shellfish Immunology</i> , 2017, 60, 44-49.	3.6	6
78	The complete mitochondrial genome of Endangered fish <i>Huso dauricus</i> (Acipenseriformes: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	0.6	2
79	A Genome-Wide Association Study Identifies Multiple Regions Associated with Head Size in Catfish. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 3389-3398.	1.8	70
80	The mucosal expression signatures of g-type lysozyme in turbot ( <i>Scophthalmus maximus</i> ) following bacterial challenge. <i>Fish and Shellfish Immunology</i> , 2016, 54, 612-619.	3.6	41
81	Identification and expression analysis of toll-like receptor genes (TLR8 and TLR9) in mucosal tissues of turbot ( <i>Scophthalmus maximus</i> L.) following bacterial challenge. <i>Fish and Shellfish Immunology</i> , 2016, 58, 309-317.	3.6	43
82	Characterization and expression analysis of a peptidoglycan recognition protein gene, <i>SmpGRP2</i> in mucosal tissues of turbot ( <i>Scophthalmus maximus</i> L.) following bacterial challenge. <i>Fish and Shellfish Immunology</i> , 2016, 56, 367-373.	3.6	36
83	Identification and expression analysis of TLR2 in mucosal tissues of turbot ( <i>Scophthalmus maximus</i> L.) following bacterial challenge. <i>Fish and Shellfish Immunology</i> , 2016, 55, 654-661.	3.6	45
84	Toxic effects in juvenile sea cucumber <i>Apostichopus japonicas</i> (Selenka) exposure to benzo[ a ]pyrene. <i>Fish and Shellfish Immunology</i> , 2016, 59, 375-381.	3.6	16
85	Transcriptomic profiling revealed the signatures of intestinal barrier alteration and pathogen entry in turbot ( <i>Scophthalmus maximus</i> ) following <i>Vibrio anguillarum</i> challenge. <i>Developmental and Comparative Immunology</i> , 2016, 65, 159-168.	2.3	90
86	The expression signatures of neuronal nitric oxide synthase (NOS1) in turbot ( <i>Scophthalmus maximus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	3.6	26
87	The channel catfish genome sequence provides insights into the evolution of scale formation in teleosts. <i>Nature Communications</i> , 2016, 7, 11757.	12.8	231
88	Complete mitochondrial genome of clearhead icefish <i>Protosalanx hyalocranius</i> (Salmoniformes: Salangidae). <i>Mitochondrial DNA</i> , 2016, 27, 514-515.	0.6	2
89	Galectins in channel catfish, <i>Ictalurus punctatus</i> : Characterization and expression profiling in mucosal tissues. <i>Fish and Shellfish Immunology</i> , 2016, 49, 324-335.	3.6	29
90	Ribosomal protein genes are highly enriched among genes with allele-specific expression in the interspecific F1 hybrid catfish. <i>Molecular Genetics and Genomics</i> , 2016, 291, 1083-1093.	2.1	5



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91	Genome-wide identification of Hsp70 genes in channel catfish and their regulated expression after bacterial infection. <i>Fish and Shellfish Immunology</i> , 2016, 49, 154-162.	3.6	40
92	Expression profile analysis of two cathepsin S in channel catfish ( <i>Ictalurus punctatus</i> ) mucosal tissues following bacterial challenge. <i>Fish and Shellfish Immunology</i> , 2016, 48, 112-118.	3.6	18
93	Septin genes in channel catfish ( <i>Ictalurus punctatus</i> ) and their involvement in disease defense responses. <i>Fish and Shellfish Immunology</i> , 2016, 49, 110-121.	3.6	10
94	Hepatic transcriptomic and metabolic responses of hybrid striped bass ( <i>Morone saxatilis</i> — <i>Morone</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Genomics and Proteomics, 2016, 18, 1-9.	1.0	9
95	Expression Profile Analysis of miR-221 and miR-222 in Different Tissues and Head Kidney Cells of <i>Cynoglossus semilaevis</i> , Following Pathogen Infection. <i>Marine Biotechnology</i> , 2016, 18, 37-48.	2.4	24
96	Molecular Pathway and Gene Responses of the Pacific White Shrimp <i>Litopenaeus vannamei</i> to Acute Low Salinity Stress. <i>Journal of Shellfish Research</i> , 2015, 34, 1037-1048.	0.9	31
97	Effects of transgenic sterilization constructs and their repressor compounds on hatch, developmental rate and early survival of electroporated channel catfish embryos and fry. <i>Transgenic Research</i> , 2015, 24, 333-352.	2.4	5
98	Expression profiling analysis of immune-related genes in channel catfish ( <i>Ictalurus punctatus</i> ) skin mucus following <i>Flavobacterium columnare</i> challenge. <i>Fish and Shellfish Immunology</i> , 2015, 46, 537-542.	3.6	27
99	Trancriptomic profiling revealed the signatures of acute immune response in tilapia ( <i>Oreochromis</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 69	3.6	69
100	Complement regulatory protein genes in channel catfish and their involvement in disease defense response. <i>Developmental and Comparative Immunology</i> , 2015, 53, 33-41.	2.3	23
101	Impact of feed additives on surface mucosal health and columnaris susceptibility in channel catfish fingerlings, <i>Ictalurus punctatus</i> . <i>Fish and Shellfish Immunology</i> , 2015, 46, 624-637.	3.6	37
102	Genetic mapping and QTL analysis for body weight in Jian carp ( <i>Cyprinus carpio</i> var. Jian) compared with mirror carp ( <i>Cyprinus carpio</i> L.). <i>Chinese Journal of Oceanology and Limnology</i> , 2015, 33, 636-649.	0.7	10
103	Isolation and characterization of twenty polymorphic microsatellites for <i>Hemibarbus labeo</i> (Cyprinidae). <i>Conservation Genetics Resources</i> , 2015, 7, 89-92.	0.8	1
104	A genome-wide association study in catfish reveals the presence of functional hubs of related genes within QTLs for columnaris disease resistance. <i>BMC Genomics</i> , 2015, 16, 196.	2.8	117
105	Phospholipid/Aromatic Thiol Hybrid Bilayers. <i>Langmuir</i> , 2015, 31, 5228-5234.	3.5	11
106	Expression Profiling Analysis of the microRNA Response of <i>Cynoglossus semilaevis</i> to <i>Vibrio anguillarum</i> and Other Stimuli. <i>Marine Biotechnology</i> , 2015, 17, 338-352.	2.4	38
107	Identification and mucosal expression analysis of cathepsin B in channel catfish ( <i>Ictalurus punctatus</i> ) following bacterial challenge. <i>Fish and Shellfish Immunology</i> , 2015, 47, 751-757.	3.6	23
108	Discovery and validation of geneâ€linked diagnostic <sc>SNP</sc> markers for assessing hybridization between <sc>L</sc>argemouth bass (<i><sc>M</sc>icropterus salmoides</i>) and <sc>F</sc>lorida bass (<sc>M</sc>â€floridanus</i>). <i>Molecular Ecology Resources</i> , 2015, 15, 395-404.	4.8	29

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109	Spermatogonial stem cells specific marker identification in channel catfish, <i>Ictalurus punctatus</i> and blue catfish, <i>I. furcatus</i> . <i>Fish Physiology and Biochemistry</i> , 2015, 41, 1545-1556.	2.3	19
110	Suppression and restoration of primordial germ cell marker gene expression in channel catfish, <i>Ictalurus punctatus</i> , using knockdown constructs regulated by copper transport protein gene promoters: Potential for reversible transgenic sterilization. <i>Theriogenology</i> , 2015, 84, 1499-1512.	2.1	17
111	Mucosal expression signatures of two Cathepsin L in channel catfish ( <i>Ictalurus punctatus</i> ) following bacterial challenge. <i>Fish and Shellfish Immunology</i> , 2015, 47, 582-589.	3.6	19
112	Transcriptomic Profiling of Differential Responses to Drought in Two Freshwater Mussel Species, the Giant Floater <i>Pyganodon grandis</i> and the Pondhorn <i>Unio merus tetralasmus</i> . <i>PLoS ONE</i> , 2014, 9, e89481.	2.5	24
113	Genome-Wide Identification of Hsp40 Genes in Channel Catfish and Their Regulated Expression after Bacterial Infection. <i>PLoS ONE</i> , 2014, 9, e115752.	2.5	31
114	Toxins Produced by <i>Valsa mali</i> var. <i>mali</i> and Their Relationship with Pathogenicity. <i>Toxins</i> , 2014, 6, 1139-1154.	3.4	41
115	Transcriptome annotation and marker discovery in white bass ( <i>Morone chrysops</i> ) and striped bass ( <i>Morone saxatilis</i> ). <i>Animal Genetics</i> , 2014, 45, 885-887.	1.7	13
116	L-Rhamnose-binding lectins (RBLs) in channel catfish, <i>Ictalurus punctatus</i> : Characterization and expression profiling in mucosal tissues. <i>Developmental and Comparative Immunology</i> , 2014, 44, 320-331.	2.3	37
117	Immunological enhancement action of endotoxin-free tilapia heat shock protein 70 against <i>Streptococcus iniae</i> . <i>Cellular Immunology</i> , 2014, 290, 1-9.	3.0	20
118	Expression of nitric oxide synthase (NOS) genes in channel catfish is highly regulated and time dependent after bacterial challenges. <i>Developmental and Comparative Immunology</i> , 2014, 45, 74-86.	2.3	40
119	Isolation and characterization of 57 novel polynucleotide microsatellites from yellow catfish ( <i>Pelteobagrus fulvidraco</i> ) genome for genetic analysis. <i>Conservation Genetics Resources</i> , 2014, 6, 73-77.	0.8	2
120	Development and characterization of new microsatellite markers for Amur sturgeon ( <i>Acipenser</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	0.8	1
121	Channel catfish hemoglobin genes: Identification, phylogenetic and syntenic analysis, and specific induction in response to heat stress. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2014, 9, 11-22.	1.0	12
122	SNP discovery in wild and domesticated populations of blue catfish, <i>Ictalurus furcatus</i> , using genotyping-by-sequencing and subsequent SNP validation. <i>Molecular Ecology Resources</i> , 2014, 14, 1261-1270.	4.8	28
123	Pathogen recognition receptors in channel catfish: IV. Identification, phylogeny and expression analysis of peptidoglycan recognition proteins. <i>Developmental and Comparative Immunology</i> , 2014, 46, 291-299.	2.3	31
124	Characterization and mucosal responses of interleukin 17 family ligand and receptor genes in channel catfish <i>Ictalurus punctatus</i> . <i>Fish and Shellfish Immunology</i> , 2014, 38, 47-55.	3.6	70
125	Nutritional impacts on gene expression in the surface mucosa of blue catfish ( <i>Ictalurus furcatus</i> ). <i>Developmental and Comparative Immunology</i> , 2014, 44, 226-234.	2.3	31
126	Transcriptome sequencing revealed the genes and pathways involved in salinity stress of Chinese mitten crab, <i>Eriocheir sinensis</i> . <i>Physiological Genomics</i> , 2014, 46, 177-190.	2.3	107



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127	Genome sequence and genetic diversity of the common carp, <i>Cyprinus carpio</i> . <i>Nature Genetics</i> , 2014, 46, 1212-1219.	21.4	576
128	Expression and knockdown of primordial germ cell genes, vasa, nanos and dead end in common carp ( <i>Cyprinus carpio</i> ) embryos for transgenic sterilization and reduced sexual maturity. <i>Aquaculture</i> , 2014, 420-421, S72-S84.	3.5	21
129	Analysis of 52 Rab GTPases from channel catfish and their involvement in immune responses after bacterial infections. <i>Developmental and Comparative Immunology</i> , 2014, 45, 21-34.	2.3	30
130	Complete mitochondrial genome of Amur sturgeon ( <i>Acipenser schrenckii</i> ). <i>Mitochondrial DNA</i> , 2014, 25, 282-283.	0.6	6
131	Studies on quantitative trait loci related to superoxide dismutase in mirror carp ( <i>Cyprinus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlap 10 Tf 5	1.8	12
132	Development and characterization of four moderate multiplex microsatellite panels in crucian carp ( <i>Carassius auratus</i> ). <i>Conservation Genetics Resources</i> , 2013, 5, 821-823.	0.8	1
133	Comparative genomic analysis of catfish linkage group 8 reveals two homologous chromosomes in zebrafish and other teleosts with extensive inter-chromosomal rearrangements. <i>BMC Genomics</i> , 2013, 14, 387.	2.8	14
134	Early mucosal responses in blue catfish ( <i>Ictalurus furcatus</i> ) skin to <i>Aeromonas hydrophila</i> infection. <i>Fish and Shellfish Immunology</i> , 2013, 34, 920-928.	3.6	41
135	Four lysozymes (one c-type and three g-type) in catfish are drastically but differentially induced after bacterial infection. <i>Fish and Shellfish Immunology</i> , 2013, 35, 136-145.	3.6	40
136	Basal polarization of the mucosal compartment in <i>Flavobacterium columnare</i> susceptible and resistant channel catfish ( <i>Ictalurus punctatus</i> ). <i>Molecular Immunology</i> , 2013, 56, 317-327.	2.2	100
137	Evasion of mucosal defenses during <i>Aeromonas hydrophila</i> infection of channel catfish ( <i>Ictalurus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlap 10 Tf 5	2.3	95
138	Short-Term Feed Deprivation Alters Immune Status of Surface Mucosa in Channel Catfish ( <i>Ictalurus</i> ) Tj ETQq0 0 0 rgBT /Overlap 10 Tf 5	2.5	45
139	Male-Biased Genes in Catfish as Revealed by RNA-Seq Analysis of the Testis Transcriptome. <i>PLoS ONE</i> , 2013, 8, e68452.	2.5	71
140	Putative roles for a rhamnose binding lectin in <i>Flavobacterium columnare</i> pathogenesis in channel catfish <i>Ictalurus punctatus</i> . <i>Fish and Shellfish Immunology</i> , 2012, 33, 1008-1015.	3.6	76
141	Rapid development of molecular resources for a freshwater mussel, <i>Villosa lienosa</i> (Bivalvia:Unionidae), using an RNA-seq-based approach. <i>Freshwater Science</i> , 2012, 31, 695-708.	1.8	31
142	Transcriptomic signatures of attachment, NF- $\kappa$ B suppression and IFN stimulation in the catfish gill following columnaris bacterial infection. <i>Developmental and Comparative Immunology</i> , 2012, 38, 169-180.	2.3	163
143	RNA-seq analysis of mucosal immune responses reveals signatures of intestinal barrier disruption and pathogen entry following <i>Edwardsiella ictaluri</i> infection in channel catfish, <i>Ictalurus punctatus</i> . <i>Fish and Shellfish Immunology</i> , 2012, 32, 816-827.	3.6	210
144	Tripartite motif 8 (TRIM8) modulates TNF $\alpha$ - and IL-1 $\beta$ -triggered NF- $\kappa$ B activation by targeting TAK1 for K63-linked polyubiquitination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19341-19346.	7.1	159

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145	Sequence and expression analysis of the gene encoding inducible cAMP early repressor in tilapia. Molecular Biology Reports, 2010, 37, 2541-2547.	2.3	2
146	Comparison of Hydrodynamic Performance of Ducted Propeller and Ordinary Propeller on Trawler. Advanced Materials Research, 0, 908, 249-255.	0.3	0