

# Jian-Fang Gui

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9560160/publications.pdf>

Version: 2024-02-01

262  
papers

10,998  
citations

28274

55  
h-index

48315

88  
g-index

311  
all docs

311  
docs citations

311  
times ranked

5885  
citing authors

#	ARTICLE	IF	CITATIONS
1	A serine kinase regulates intracellular localization of splicing factors in the cell cycle. <i>Nature</i> , 1994, 369, 678-682.	27.8	498
2	Genetic basis and biotechnological manipulation of sexual dimorphism and sex determination in fish. <i>Science China Life Sciences</i> , 2015, 58, 124-136.	4.9	334
3	Molecular regulation of interferon antiviral response in fish. <i>Developmental and Comparative Immunology</i> , 2012, 38, 193-202.	2.3	255
4	Fish MITA Serves as a Mediator for Distinct Fish IFN Gene Activation Dependent on IRF3 or IRF7. <i>Journal of Immunology</i> , 2011, 187, 2531-2539.	0.8	245
5	Molecular basis and genetic improvement of economically important traits in aquaculture animals. <i>Science Bulletin</i> , 2012, 57, 1751-1760.	1.7	225
6	Genetic basis and breeding application of clonal diversity and dual reproduction modes in polyploid <i>Carassius auratus gibelio</i> . <i>Science China Life Sciences</i> , 2010, 53, 409-415.	4.9	210
7	Establishment of a normal medakafish spermatogonial cell line capable of sperm production <i>in vitro</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 8011-8016.	7.1	193
8	Characterization of Fish IRF3 as an IFN-Inducible Protein Reveals Evolving Regulation of IFN Response in Vertebrates. <i>Journal of Immunology</i> , 2010, 185, 7573-7582.	0.8	178
9	Virus genomes and virus-host interactions in aquaculture animals. <i>Science China Life Sciences</i> , 2015, 58, 156-169.	4.9	160
10	Distinct and Cooperative Roles of <i>amh</i> and <i>dmrt1</i> in Self-Renewal and Differentiation of Male Germ Cells in Zebrafish. <i>Genetics</i> , 2017, 207, 1007-1022.	2.9	155
11	Differential expression of <i>vasa</i> RNA and protein during spermatogenesis and oogenesis in the gibel carp ( <i>Carassius auratus gibelio</i> ), a bisexually and gynogenetically reproducing vertebrate. <i>Developmental Dynamics</i> , 2005, 233, 872-882.	1.8	140
12	Diverse and variable sex determination mechanisms in vertebrates. <i>Science China Life Sciences</i> , 2018, 61, 1503-1514.	4.9	134
13	Differential and spermatogenic cell-specific expression of DMRT1 during sex reversal in protogynous hermaphroditic groupers. <i>Molecular and Cellular Endocrinology</i> , 2007, 263, 156-172.	3.2	131
14	Sequential, Divergent, and Cooperative Requirements of <i>Foxl2a</i> and <i>Foxl2b</i> in Ovary Development and Maintenance of Zebrafish. <i>Genetics</i> , 2017, 205, 1551-1572.	2.9	131
15	Interferon regulatory factor 1 (IRF1) and anti-pathogen innate immune responses. <i>PLoS Pathogens</i> , 2021, 17, e1009220.	4.7	131
16	Genetic Evidence for Gonochoristic Reproduction in Gynogenetic Silver Crucian Carp ( <i>Carassius</i> ) Tj ETQq0 0 0 rgBT/Overlock_10 Tf 50 1	1.8	130
17	Genetic Differentiation and Efficient Sex-specific Marker Development of a Pair of Y- and X-linked Markers in Yellow Catfish. <i>International Journal of Biological Sciences</i> , 2013, 9, 1043-1049.	6.4	120
18	Complete Genome Sequence of Lymphocystis Disease Virus Isolated from China. <i>Journal of Virology</i> , 2004, 78, 6982-6994.	3.4	119

#	ARTICLE	IF	CITATIONS
19	Medaka vasa is required for migration but not survival of primordial germ cells. <i>Mechanisms of Development</i> , 2009, 126, 366-381.	1.7	111
20	Zebrafish IRF1 Regulates IFN Antiviral Response through Binding to IFN $\beta$ 1 and IFN $\beta$ 3 Promoters Downstream of MyD88 Signaling. <i>Journal of Immunology</i> , 2015, 194, 1225-1238.	0.8	108
21	Natural and artificial polyploids in aquaculture. <i>Aquaculture and Fisheries</i> , 2017, 2, 103-111.	2.2	96
22	A C-type lectin associated and translocated with cortical granules during oocyte maturation and egg fertilization in fish. <i>Developmental Biology</i> , 2004, 265, 341-354.	2.0	95
23	Functional Domains and the Antiviral Effect of the Double-Stranded RNA-Dependent Protein Kinase PKR from <i>Paralichthys olivaceus</i> . <i>Journal of Virology</i> , 2008, 82, 6889-6901.	3.4	95
24	Fish virus-induced interferon exerts antiviral function through Stat1 pathway. <i>Molecular Immunology</i> , 2010, 47, 2330-2341.	2.2	93
25	Sex-Biased miRNAs in Gonad and Their Potential Roles for Testis Development in Yellow Catfish. <i>PLoS ONE</i> , 2014, 9, e107946.	2.5	93
26	Molecular cloning and characterization of crucian carp ( <i>Carassius auratus</i> L.) interferon regulatory factor 711 The nucleotide sequence data reported in this paper has been submitted to the GenBank under accession number AY177629.. <i>Fish and Shellfish Immunology</i> , 2003, 15, 453-466.	3.6	92
27	The innate immune response to grass carp hemorrhagic virus (GCHV) in cultured <i>Carassius auratus</i> blastulae (CAB) cells. <i>Developmental and Comparative Immunology</i> , 2007, 31, 232-243.	2.3	89
28	Antibacterial and Antiviral Roles of a Fish $\beta$ 2-Defensin Expressed Both in Pituitary and Testis. <i>PLoS ONE</i> , 2010, 5, e12883.	2.5	88
29	Fish germ cells. <i>Science China Life Sciences</i> , 2010, 53, 435-446.	4.9	86
30	IFN Regulatory Factor 10 Is a Negative Regulator of the IFN Responses in Fish. <i>Journal of Immunology</i> , 2014, 193, 1100-1109.	0.8	84
31	Molecular cloning and characterisation of a fish PKR-like gene from cultured CAB cells induced by UV-inactivated virus*1. <i>Fish and Shellfish Immunology</i> , 2004, 17, 353-366.	3.6	81
32	A novel nucleo-cytoplasmic hybrid clone formed via androgenesis in polyploid gibel carp. <i>BMC Research Notes</i> , 2011, 4, 82.	1.4	80
33	A Novel Cyanophage with a Cyanobacterial Nonbleaching Protein A Gene in the Genome. <i>Journal of Virology</i> , 2012, 86, 236-245.	3.4	80
34	Differential expression and dynamic changes of SOX3 during gametogenesis and sex reversal in protogynous hermaphroditic fish. <i>Journal of Experimental Zoology</i> , 2007, 307A, 207-219.	1.2	79
35	Molecular mechanisms underlying sex change in hermaphroditic groupers. <i>Fish Physiology and Biochemistry</i> , 2010, 36, 181-193.	2.3	78
36	Cooperative Roles of Fish Protein Kinase Containing Z-DNA Binding Domains and Double-Stranded RNA-Dependent Protein Kinase in Interferon-Mediated Antiviral Response. <i>Journal of Virology</i> , 2011, 85, 12769-12780.	3.4	75

#	ARTICLE	IF	CITATIONS
37	Chromosomal-level assembly of yellow catfish genome using third-generation DNA sequencing and Hi-C analysis. <i>GigaScience</i> , 2018, 7, .	6.4	75
38	Expression pattern, cellular localization and promoter activity analysis of ovarian aromatase (Cyp19a1a) in protogynous hermaphrodite red-spotted grouper. <i>Molecular and Cellular Endocrinology</i> , 2009, 307, 224-236.	3.2	73
39	Fish viperin exerts a conserved antiviral function through RLR-triggered IFN signaling pathway. <i>Developmental and Comparative Immunology</i> , 2014, 47, 140-149.	2.3	72
40	Differential gene expression in fully-grown oocytes between gynogenetic and gonochoristic crucian carps. <i>Gene</i> , 2001, 271, 109-116.	2.2	69
41	Positive Selection on Multiple Antique Allelic Lineages of Transferrin in the Polyploid <i>Carassius auratus</i> . <i>Molecular Biology and Evolution</i> , 2004, 21, 1264-1277.	8.9	69
42	Clq-like inhibits p53-mediated apoptosis and controls normal hematopoiesis during zebrafish embryogenesis. <i>Developmental Biology</i> , 2008, 319, 273-284.	2.0	69
43	Evolutionary history of two divergent <i>Dmrt1</i> genes reveals two rounds of polyploidy origins in gibel carp. <i>Molecular Phylogenetics and Evolution</i> , 2014, 78, 96-104.	2.7	69
44	Antimicrobial activity-specific to Gram-negative bacteria and immune modulation-mediated NF- $\kappa$ B and Sp1 of a medaka $\beta$ -defensin. <i>Developmental and Comparative Immunology</i> , 2009, 33, 624-637.	2.3	66
45	Identification of Sex-Specific Markers Reveals Male Heterogametic Sex Determination in <i>Pseudobagrus ussuriensis</i> . <i>Marine Biotechnology</i> , 2015, 17, 441-451.	2.4	66
46	Diversity, evolutionary contribution and ecological roles of aquatic viruses. <i>Science China Life Sciences</i> , 2018, 61, 1486-1502.	4.9	65
47	Molecular characterization and IFN signal pathway analysis of <i>Carassius auratus</i> CaSTAT1 identified from the cultured cells in response to virus infection. <i>Developmental and Comparative Immunology</i> , 2004, 28, 211-227.	2.3	64
48	Genome architecture changes and major gene variations of <i>Andrias davidianus</i> ranavirus (ADRV). <i>Veterinary Research</i> , 2013, 44, 101.	3.0	64
49	Differential expression of three <i>Paralichthys olivaceus</i> Hsp40 genes in responses to virus infection and heat shock. <i>Fish and Shellfish Immunology</i> , 2006, 21, 146-158.	3.6	63
50	Zebrafish IRF1, IRF3, and IRF7 Differentially Regulate IFN $\gamma$ 1 and IFN $\gamma$ 3 Expression through Assembly of Homo- or Heteroprotein Complexes. <i>Journal of Immunology</i> , 2016, 197, 1893-1904.	0.8	62
51	Alternative Splicing Transcripts of Zebrafish LGP2 Gene Differentially Contribute to IFN Antiviral Response. <i>Journal of Immunology</i> , 2018, 200, 688-703.	0.8	62
52	Molecular and expression characterization of three gonadotropin subunits common ?, FSH? and LH? in groupers. <i>Molecular and Cellular Endocrinology</i> , 2005, 233, 33-46.	3.2	60
53	A Comprehensive Transcriptome Provides Candidate Genes for Sex Determination/Differentiation and SSR/SNP Markers in Yellow Catfish. <i>Marine Biotechnology</i> , 2015, 17, 190-198.	2.4	59
54	From asymmetrical to balanced genomic diversification during rediploidization: Subgenomic evolution in allotetraploid fish. <i>Science Advances</i> , 2020, 6, eaaz7677.	10.3	59

#	ARTICLE	IF	CITATIONS
55	Evolutionary conservation of <i>Dazl</i> genomic organization and its continuous and dynamic distribution throughout germline development in gynogenetic gibel carp. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2009, 312B, 855-871.	1.3	57
56	Distinct herpesvirus resistances and immune responses of three gynogenetic clones of gibel carp revealed by comprehensive transcriptomes. <i>BMC Genomics</i> , 2017, 18, 561.	2.8	56
57	Cloning and expression of medaka <i>dazl</i> during embryogenesis and gametogenesis. <i>Gene Expression Patterns</i> , 2007, 7, 332-338.	0.8	55
58	Extra Microchromosomes Play Male Determination Role in Polyploid Gibel Carp. <i>Genetics</i> , 2016, 203, 1415-1424.	2.9	55
59	Differential expression of thyroid-stimulating hormone $\beta$ subunit in gonads during sex reversal of orange-spotted and red-spotted groupers. <i>Molecular and Cellular Endocrinology</i> , 2004, 220, 77-88.	3.2	54
60	Lineage-Specific Expansion of IFIT Gene Family: An Insight into Coevolution with IFN Gene Family. <i>PLoS ONE</i> , 2013, 8, e66859.	2.5	54
61	Fish-Specific Duplicated <i>dmt2b</i> Contributes to a Divergent Function through Hedgehog Pathway and Maintains Left-Right Asymmetry Establishment Function. <i>PLoS ONE</i> , 2009, 4, e7261.	2.5	53
62	A novel PDZ domain-containing gene is essential for male sex differentiation and maintenance in yellow catfish ( <i>Pelteobagrus fulvidraco</i> ). <i>Science Bulletin</i> , 2018, 63, 1420-1430.	9.0	53
63	Identification of genome organization in the unusual allotetraploid form of <i>Carassius auratus gibelio</i> . <i>Aquaculture</i> , 2007, 265, 109-117.	3.5	52
64	Genetic diversity among different clones of the gynogenetic silver crucian carp, <i>Carassius auratus gibelio</i> , revealed by transferrin and isozyme markers. <i>Biochemical Genetics</i> , 2001, 39, 213-225.	1.7	51
65	Origin and transition of sex determination mechanisms in a gynogenetic hexaploid fish. <i>Heredity</i> , 2018, 121, 64-74.	2.6	51
66	Sex determination mechanisms and sex control approaches in aquaculture animals. <i>Science China Life Sciences</i> , 2022, 65, 1091-1122.	4.9	51
67	Meiosis completion and various sperm responses lead to unisexual and sexual reproduction modes in one clone of polyploid <i>Carassius gibelio</i> . <i>Scientific Reports</i> , 2015, 5, 10898.	3.3	49
68	A feedback regulatory loop involving p53/miR-200 and growth hormone endocrine axis controls embryo size of zebrafish. <i>Scientific Reports</i> , 2015, 5, 15906.	3.3	48
69	Differential expression of two <i>Carassius auratus</i> Mx genes in cultured CAB cells induced by grass carp hemorrhage virus and interferon. <i>Immunogenetics</i> , 2004, 56, 68-75.	2.4	47
70	Subcellular localization and functional characterization of a fish IRF9 from crucian carp <i>Carassius auratus</i> . <i>Fish and Shellfish Immunology</i> , 2012, 33, 258-266.	3.6	47
71	Identification and characterization of a novel envelope protein in <i>Rana grylio</i> virus. <i>Journal of General Virology</i> , 2008, 89, 1866-1872.	2.9	46
72	High male incidence and evolutionary implications of triploid form in northeast Asia <i>Carassius auratus</i> complex. <i>Molecular Phylogenetics and Evolution</i> , 2013, 66, 350-359.	2.7	46

#	ARTICLE	IF	CITATIONS
73	Complete genome sequence and architecture of crucian carp <i>Carassius auratus</i> herpesvirus (CaHV). <i>Archives of Virology</i> , 2016, 161, 3577-3581.	2.1	46
74	Zebrafish <i>eaf1</i> and <i>eaf2/u19</i> Mediate Effective Convergence and Extension Movements through the Maintenance of <i>wnt11</i> and <i>wnt5</i> Expression. <i>Journal of Biological Chemistry</i> , 2009, 284, 16679-16692.	3.4	45
75	Identification and characterization of hypoxia-induced genes in <i>Carassius auratus</i> blastulae embryonic cells using suppression subtractive hybridization. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2009, 152, 161-170.	1.6	45
76	Chromosome-level analysis of the <i>Crassostrea hongkongensis</i> genome reveals extensive duplication of immune-related genes in bivalves. <i>Molecular Ecology Resources</i> , 2020, 20, 980-994.	4.8	45
77	Molecular characterization and subcellular localization of <i>Carassius auratus</i> interferon regulatory factor-1. <i>Developmental and Comparative Immunology</i> , 2008, 32, 134-146.	2.3	44
78	Bioinformatic identification of genes encoding C1q-domain-containing proteins in zebrafish. <i>Journal of Genetics and Genomics</i> , 2008, 35, 17-24.	3.9	44
79	Complete depletion of primordial germ cells in an All-female fish leads to Sex-biased gene expression alteration and sterile All-male occurrence. <i>BMC Genomics</i> , 2015, 16, 971.	2.8	44
80	Functional Divergence of Multiple Duplicated <i>Foxl2</i> Homeologs and Alleles in a Recurrent Polyploid Fish. <i>Molecular Biology and Evolution</i> , 2021, 38, 1995-2013.	8.9	44
81	Molecular analysis of silver crucian carp ( <i>Carassius auratus gibelio</i> Bloch) clones by SCAR markers. <i>Aquaculture</i> , 2001, 201, 219-228.	3.5	43
82	Sex differences in the expression of GH/IGF axis genes underlie sexual size dimorphism in the yellow catfish ( <i>Pelteobagrus fulvidraco</i> ). <i>Science China Life Sciences</i> , 2016, 59, 431-433.	4.9	43
83	FTRCA1, a Species-Specific Member of finTRIM Family, Negatively Regulates Fish IFN Response through Autophagy-Lysosomal Degradation of TBK1. <i>Journal of Immunology</i> , 2019, 202, 2407-2420.	0.8	43
84	Zebrafish androgen receptor is required for spermatogenesis and maintenance of ovarian function. <i>Oncotarget</i> , 2018, 9, 24320-24334.	1.8	41
85	Rethinking fish biology and biotechnologies in the challenge era for burgeoning genome resources and strengthening food security. , 2022, 1, 100002.		41
86	Fish MAVS is involved in RLR pathway-mediated IFN response. <i>Fish and Shellfish Immunology</i> , 2014, 41, 222-230.	3.6	40
87	<i>Igf2bp3</i> maintains maternal RNA stability and ensures early embryo development in zebrafish. <i>Communications Biology</i> , 2020, 3, 94.	4.4	40
88	Identification and characterization of two homologues of interferon-stimulated gene ISG15 in crucian carp. <i>Fish and Shellfish Immunology</i> , 2007, 23, 52-61.	3.6	39
89	Expressional induction of <i>Paralichthys olivaceus</i> cathepsin B gene in response to virus, poly I:C and lipopolysaccharide. <i>Fish and Shellfish Immunology</i> , 2008, 25, 542-549.	3.6	39
90	Induction of apoptosis in a carp leucocyte cell line infected with turbot ( <i>Scophthalmus maximus</i> L.) rhabdovirus. <i>Virus Research</i> , 2004, 101, 119-126.	2.2	38

#	ARTICLE	IF	CITATIONS
91	Inductive transcription and protective role of fish heme oxygenase-1 under hypoxic stress. <i>Journal of Experimental Biology</i> , 2008, 211, 2700-2706.	1.7	38
92	Dynamic distribution of spindlin in nucleoli, nucleoplasm and spindle from primary oocytes to mature eggs and its critical function for oocyte-to-embryo transition in gibel carp. <i>Journal of Experimental Zoology</i> , 2010, 313A, 461-473.	1.2	38
93	Identification and expression analysis of two IFN-inducible genes in crucian carp ( <i>Carassius auratus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlaid	2.2	37
94	Recent invasion and low level of divergence between diploid and triploid forms of <i>Carassius auratus</i> complex in Croatia. <i>Genetica</i> , 2011, 139, 789-804.	1.1	37
95	Extensive diversification of MHC in Chinese giant salamanders <i>Andrias davidianus</i> (Anda-MHC) reveals novel splice variants. <i>Developmental and Comparative Immunology</i> , 2014, 42, 311-322.	2.3	37
96	Characterization and sexual dimorphic expression of Cytochrome P450 genes in the hypothalamic-pituitary-gonad axis of yellow catfish. <i>General and Comparative Endocrinology</i> , 2015, 216, 90-97.	1.8	37
97	Wider geographic distribution and higher diversity of hexaploids than tetraploids in <i>Carassius</i> species complex reveal recurrent polyploidy effects on adaptive evolution. <i>Scientific Reports</i> , 2017, 7, 5395.	3.3	37
98	Molecular cloning and expression pattern of 14 kDa apolipoprotein in orange-spotted grouper, <i>Epinephelus coioides</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2005, 142, 432-437.	1.6	36
99	Characterization and Development of EST-SSR Markers Derived from Transcriptome of Yellow Catfish. <i>Molecules</i> , 2014, 19, 16402-16415.	3.8	36
100	Expression characterization of testicular DMRT1 in both Sertoli cells and spermatogenic cells of polyploid gibel carp. <i>Gene</i> , 2014, 548, 119-125.	2.2	36
101	Essential roles of <i>stat5.1 / stat5b</i> in controlling fish somatic growth. <i>Journal of Genetics and Genomics</i> , 2017, 44, 577-585.	3.9	36
102	Regain of sex determination system and sexual reproduction ability in a synthetic octoploid male fish. <i>Science China Life Sciences</i> , 2021, 64, 77-87.	4.9	36
103	Histone H2A Has a Novel Variant in Fish Oocytes1. <i>Biology of Reproduction</i> , 2009, 81, 275-283.	2.7	35
104	Differential interferon system gene expression profiles in susceptible and resistant gynogenetic clones of gibel carp challenged with herpesvirus CaHV. <i>Developmental and Comparative Immunology</i> , 2018, 86, 52-64.	2.3	35
105	Molecular Cloning and Expression Characterization of <i>Dmrt2</i> in Akoya Pearl Oysters, <i>Pinctada martensii</i> . <i>Journal of Shellfish Research</i> , 2011, 30, 247-254.	0.9	34
106	Loss of <i>stat3</i> function leads to spine malformation and immune disorder in zebrafish. <i>Science Bulletin</i> , 2017, 62, 185-196.	9.0	34
107	Molecular characterization of Chinese sturgeon gonadotropins and cellular distribution in pituitaries of mature and immature individuals. <i>Molecular and Cellular Endocrinology</i> , 2009, 303, 34-42.	3.2	33
108	Accessibility of host cell lineages to medaka stem cells depends on genetic background and irradiation of recipient embryos. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 1189-1202.	5.4	33

#	ARTICLE	IF	CITATIONS
109	Expression regulation and functional characterization of a novel interferon inducible gene Gig2 and its promoter. <i>Molecular Immunology</i> , 2009, 46, 3131-3140.	2.2	32
110	SVCV infection triggers fish IFN response through RLR signaling pathway. <i>Fish and Shellfish Immunology</i> , 2019, 86, 1058-1063.	3.6	31
111	Apo-14 is required for digestive system organogenesis during fish embryogenesis and larval development. <i>International Journal of Developmental Biology</i> , 2008, 52, 1089-1098.	0.6	30
112	C1q-like Factor, a Target of miR-430, Regulates Primordial Germ Cell Development in Early Embryos of <i>Carassius auratus</i> . <i>International Journal of Biological Sciences</i> , 2014, 10, 15-24.	6.4	30
113	greb1 regulates convergent extension movement and pituitary development in zebrafish. <i>Gene</i> , 2017, 627, 176-187.	2.2	30
114	miR-34a Regulates Sperm Motility in Zebrafish. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2676.	4.1	30
115	Leucine mediates autophagosome-lysosome fusion and improves sperm motility by activating the PI3K/Akt pathway. <i>Oncotarget</i> , 2017, 8, 111807-111818.	1.8	30
116	Identification of sex-specific markers and heterogametic XX/XY sex determination system by 2b-RAD sequencing in redbtail catfish ( <i>Mystus wyckioides</i> ). <i>Aquaculture Research</i> , 2019, 50, 2251-2266.	1.8	29
117	Stable Genome Incorporation of Sperm-derived DNA Fragments in Gynogenetic Clone of Gibel Carp. <i>Marine Biotechnology</i> , 2020, 22, 54-66.	2.4	29
118	Screening and characterization of sex-specific markers by 2b-RAD sequencing in zig-zag eel ( <i>Mastacembelus armatus</i> ) with implication of XY sex determination system. <i>Aquaculture</i> , 2020, 528, 735550.	3.5	29
119	Comparative genome anatomy reveals evolutionary insights into a unique amphitriploid fish. <i>Nature Ecology and Evolution</i> , 2022, 6, 1354-1366.	7.8	29
120	Microsatellite marker isolation and cultured strain identification in <i>Carassius auratus gibelio</i> . <i>Aquaculture International</i> , 2008, 16, 497-510.	2.2	27
121	Identification of a C1q family member associated with cortical granules and follicular cell apoptosis in <i>Carassius auratus gibelio</i> . <i>Molecular and Cellular Endocrinology</i> , 2008, 289, 67-76.	3.2	27
122	Identification of Drel as an Antiviral Factor Regulated by RLR Signaling Pathway. <i>PLoS ONE</i> , 2012, 7, e32427.	2.5	27
123	Expression regulation of zebrafish interferon regulatory factor 9 by promoter analysis. <i>Developmental and Comparative Immunology</i> , 2013, 41, 534-543.	2.3	27
124	Apolipoprotein C1 regulates epiboly during gastrulation in zebrafish. <i>Science China Life Sciences</i> , 2013, 56, 975-984.	4.9	27
125	Differential expression of innate and adaptive immune genes in the survivors of three gibel carp gynogenetic clones after herpesvirus challenge. <i>BMC Genomics</i> , 2019, 20, 432.	2.8	27
126	Transcriptome analysis of grass carp ( <i>Ctenopharyngodon idella</i> ) between fast- and slow-growing fish. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020, 35, 100688.	1.0	27



#	ARTICLE	IF	CITATIONS
127	Upregulation of the PPAR signaling pathway and accumulation of lipids are related to the morphological and structural transformation of the dragon-eye goldfish eye. <i>Science China Life Sciences</i> , 2021, 64, 1031-1049.	4.9	27
128	Oocyte-Specific H2A Variant H2af1o Is Required for Cell Synchrony Before Midblastula Transition in Early Zebrafish Embryos. <i>Biology of Reproduction</i> , 2013, 89, 82.	2.7	26
129	Numerous mitochondrial DNA haplotypes reveal multiple independent polyploidy origins of hexaploids in <i>Carassius</i> species complex. <i>Ecology and Evolution</i> , 2017, 7, 10604-10615.	1.9	26
130	Identification of a novel C1q family member in color crucian carp ( <i>Carassius auratus</i> ) ovary. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2004, 138, 285-293.	1.6	25
131	Type-IV Antifreeze Proteins are Essential for Epiboly and Convergence in Gastrulation of Zebrafish Embryos. <i>International Journal of Biological Sciences</i> , 2014, 10, 715-732.	6.4	25
132	Gig1, a novel antiviral effector involved in fish interferon response. <i>Virology</i> , 2014, 448, 322-332.	2.4	25
133	Divergent Expression Patterns and Function Implications of Four nanos Genes in a Hermaphroditic Fish, <i>Epinephelus coioides</i> . <i>International Journal of Molecular Sciences</i> , 2017, 18, 685.	4.1	25
134	Identification and characterization of interferon regulatory factor-1 from orange-spotted grouper ( <i>Epinephelus coioides</i> ). <i>Molecular Biology Reports</i> , 2010, 37, 1483-1493.	2.3	24
135	Molecular and expression characterization of a nanos1 homologue in Chinese sturgeon, <i>Acipenser sinensis</i> . <i>Gene</i> , 2012, 511, 285-292.	2.2	24
136	Evidence for <i>Paralichthys olivaceus</i> IFITM1 antiviral effect by impeding viral entry into target cells. <i>Fish and Shellfish Immunology</i> , 2013, 35, 918-926.	3.6	24
137	Zebrafish <i>dmrta2</i> Regulates the Expression of <i>cdkn2c</i> in Spermatogenesis in the Adult Testis. <i>Biology of Reproduction</i> , 2013, 88, 14.	2.7	24
138	Thymus cDNA library survey uncovers novel features of immune molecules in Chinese giant salamander <i>Andrias davidianus</i> . <i>Developmental and Comparative Immunology</i> , 2014, 46, 413-422.	2.3	24
139	Molecular characterization and expression pattern of a germ cell marker gene <i>dnd</i> in gibel carp ( <i>Carassius gibelio</i> ). <i>Gene</i> , 2016, 591, 183-190.	2.2	24
140	Cooperation of <i>Mtmr8</i> with PI3K Regulates Actin Filament Modeling and Muscle Development in Zebrafish. <i>PLoS ONE</i> , 2009, 4, e4979.	2.5	24
141	Comparative Transcriptome Analysis of Differentially Expressed Genes and Signaling Pathways between XY and YY Testis in Yellow Catfish. <i>PLoS ONE</i> , 2015, 10, e0134626.	2.5	23
142	Distinct sperm nucleus behaviors between genotypic and temperature-dependent sex determination males are associated with replication and expression-related pathways in a gynogenetic fish. <i>BMC Genomics</i> , 2018, 19, 437.	2.8	23
143	Artificially induced sex-reversal leads to transition from genetic to temperature-dependent sex determination in fish species. <i>Science China Life Sciences</i> , 2020, 63, 157-159.	4.9	23
144	A rapid and reliable method for identifying genetic sex in obscure pufferfish ( <i>Takifugu obscurus</i> ). <i>Aquaculture</i> , 2020, 519, 734749.	3.5	23

#	ARTICLE	IF	CITATIONS
145	An miR-200 Cluster on Chromosome 23 Regulates Sperm Motility in Zebrafish. <i>Endocrinology</i> , 2018, 159, 1982-1991.	2.8	22
146	Construction of a high-density genetic linkage map and fine mapping of QTLs for growth and sex-related traits in red-tail catfish ( <i>Hemibagrus wyckiioides</i> ). <i>Aquaculture</i> , 2021, 531, 735892.	3.5	22
147	Genetic heterogeneity and ploidy level analysis among different gynogenetic clones of the polyploid gibel carp. <i>Cytometry</i> , 2003, 56A, 46-52.	1.8	21
148	Expression pattern and developmental behaviour of cellular nucleic acid-binding protein (CNBP) during folliculogenesis and oogenesis in fish. <i>Gene</i> , 2005, 356, 181-192.	2.2	21
149	Identification of a Novel Gig2 Gene Family Specific to Non-Amniote Vertebrates. <i>PLoS ONE</i> , 2013, 8, e60588.	2.5	21
150	Paradigm changes in freshwater aquaculture practices in China: Moving towards achieving environmental integrity and sustainability. <i>Ambio</i> , 2018, 47, 410-426.	5.5	21
151	Differential expression and functional diversification of diverse immunoglobulin domain-containing protein (DICP) family in three gynogenetic clones of gibel carp. <i>Developmental and Comparative Immunology</i> , 2018, 84, 396-407.	2.3	21
152	Fish species-specific TRIM gene FTRCA1 negatively regulates interferon response through attenuating IRF7 transcription. <i>Fish and Shellfish Immunology</i> , 2019, 90, 180-187.	3.6	21
153	Isolation and characterization of six microsatellite markers in the large yellow croaker ( <i>Pseudosciaena crocea</i> Richardson). <i>Molecular Ecology Notes</i> , 2005, 5, 369-371.	1.7	20
154	Sequence analysis and subcellular localization of crucian carp <i>Carassius auratus</i> viperin. <i>Fish and Shellfish Immunology</i> , 2014, 39, 168-177.	3.6	20
155	Hyperandrogenism in POMCa-deficient zebrafish enhances somatic growth without increasing adiposity. <i>Journal of Molecular Cell Biology</i> , 2020, 12, 291-304.	3.3	20
156	Copper stress induces zebrafish central neural system myelin defects via WNT/NOTCH-hoxb5b signaling and pou3f1/fam168a/fam168b DNA methylation. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2020, 1863, 194612.	1.9	20
157	EST-based identification of genes expressed in the hypothalamus of male orange-spotted grouper ( <i>Epinephelus coioides</i> ). <i>Aquaculture</i> , 2006, 256, 129-139.	3.5	19
158	Genetic difference of Chinese horseshoe crab ( <i>Tachypleus tridentatus</i> ) in southeast coast of China based on mitochondrial COI gene analysis. <i>Acta Oceanologica Sinica</i> , 2012, 31, 132-137.	1.0	19
159	Fish biology and biotechnology is the source for sustainable aquaculture. <i>Science China Life Sciences</i> , 2015, 58, 121-123.	4.9	19
160	A novel male-specific SET domain-containing gene setdm identified from extra microchromosomes of gibel carp males. <i>Science Bulletin</i> , 2017, 62, 528-536.	9.0	19
161	Screening and characterisation of sex differentiation-related long non-coding RNAs in Chinese soft-shell turtle ( <i>Pelodiscus sinensis</i> ). <i>Scientific Reports</i> , 2018, 8, 8630.	3.3	19
162	Discovery of a male-biased mutant family and identification of a male-specific SCAR marker in gynogenetic gibel carp <i>Carassius auratus</i> gibelio. <i>Progress in Natural Science: Materials International</i> , 2009, 19, 1537-1544.	4.4	18

#	ARTICLE	IF	CITATIONS
163	Protective effect of <i>Clostridium butyricum</i> against <i>Carassius auratus</i> herpesvirus in gibel carp. <i>Aquaculture International</i> , 2019, 27, 905-914.	2.2	18
164	Comparative Transcriptome Analysis Reveals Differentially Expressed Genes and Signaling Pathways Between Male and Female Red-Tail Catfish ( <i>Mystus wickioides</i> ). <i>Marine Biotechnology</i> , 2019, 21, 463-474.	2.4	18
165	Production of YY males through self-fertilization of an occasional hermaphrodite in Lanzhou catfish ( <i>Silurus lanzhouensis</i> ). <i>Aquaculture</i> , 2021, 539, 736622.	3.5	18
166	Parentage determination of yellow catfish ( <i>Pelteobagrus Fulvidraco</i> ) based on microsatellite DNA markers. <i>Aquaculture International</i> , 2016, 24, 567-576.	2.2	17
167	Unusual AT-skew of <i>Sinorhodeus microlepis</i> mitogenome provides new insights into mitogenome features and phylogenetic implications of bitterling fishes. <i>International Journal of Biological Macromolecules</i> , 2019, 129, 339-350.	7.5	17
168	Characterization of DNA Binding and Nuclear Retention Identifies Zebrafish IRF11 as a Positive Regulator of IFN Antiviral Response. <i>Journal of Immunology</i> , 2020, 205, 237-250.	0.8	17
169	Genomic anatomy of male-specific microchromosomes in a gynogenetic fish. <i>PLoS Genetics</i> , 2021, 17, e1009760.	3.5	17
170	Oocyte-specific maternal Slbp2 is required for replication-dependent histone storage and early nuclear cleavage in zebrafish oogenesis and embryogenesis. <i>Rna</i> , 2018, 24, 1738-1748.	3.5	16
171	An epigenetic regulatory switch controlling temperature-dependent sex determination in vertebrates. <i>Science China Life Sciences</i> , 2018, 61, 996-998.	4.9	16
172	Comparative transcriptomes and metabolomes reveal different tolerance mechanisms to cold stress in two different catfish species. <i>Aquaculture</i> , 2022, 560, 738543.	3.5	16
173	Cyclin A2 is differentially expressed during oocyte maturation between gynogenetic silver crucian carp and gonochoristic color crucian carp. <i>Journal of Experimental Zoology Part A, Comparative Experimental Biology</i> , 2002, 295A, 1-16.	1.3	15
174	Constitutive expression of thymidylate synthase from LCDV-C induces a transformed phenotype in fish cells. <i>Virology</i> , 2008, 372, 118-126.	2.4	15
175	Molecular and expression characterization of two somatostatin genes in the Chinese sturgeon, <i>Acipenser sinensis</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2009, 154, 127-134.	1.8	15
176	Beneficial effect and potential molecular mechanism of chloroquine on sperm motility and fertilizing ability in yellow catfish. <i>Aquaculture</i> , 2017, 468, 307-313.	3.5	15
177	Divergent transcriptomic responses underlying the ranaviruses-amphibian interaction processes on interspecies infection of Chinese giant salamander. <i>BMC Genomics</i> , 2018, 19, 211.	2.8	15
178	Scientific frontiers and hot issues in hydrobiology. <i>Chinese Science Bulletin</i> , 2015, 60, 2051-2057.	0.7	15
179	An Apo-14 Promoter-Driven Transgenic Zebrafish That Marks Liver Organogenesis. <i>PLoS ONE</i> , 2011, 6, e22555.	2.5	15
180	Inductive expression and characterization analysis of <i>Paralichthys olivaceus</i> pigment epithelium-derived factor in a virally infected cell line. <i>Biochemical and Biophysical Research Communications</i> , 2005, 335, 799-809.	2.1	14

#	ARTICLE	IF	CITATIONS
181	Seasonal Variation of Virioplankton in a Eutrophic Shallow Lake. <i>Hydrobiologia</i> , 2006, 560, 323-334.	2.0	14
182	Molecular characterization and expression pattern of AFPIV during embryogenesis in gibel carp ( <i>Carassius auratus gibelio</i> ). <i>Molecular Biology Reports</i> , 2009, 36, 2011-2018.	2.3	14
183	Zebrafish <i>Lbh</i> -like Is Required for <i>Otx2</i> -mediated Photoreceptor Differentiation. <i>International Journal of Biological Sciences</i> , 2015, 11, 688-700.	6.4	14
184	A novel allotetraploid gibel carp strain with maternal body type and growth superiority. <i>Aquaculture</i> , 2016, 458, 55-63.	3.5	14
185	Sexual dimorphic expression of <i>dnd</i> in germ cells during sex reversal and its requirement for primordial germ cell survival in protogynous hermaphroditic grouper. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 208-209, 47-57.	1.6	14
186	Molecular characterization of caspase members and expression response to Nervous Necrosis Virus outbreak in Pacific cod. <i>Fish and Shellfish Immunology</i> , 2018, 74, 559-566.	3.6	14
187	Divergent Expression Patterns and Function of Two <i>cxcr4</i> Paralogs in Hermaphroditic <i>Epinephelus coioides</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 2943.	4.1	14
188	<i>Stat5b</i> Regulates Sexually Dimorphic Gene Expression in Zebrafish Liver. <i>Frontiers in Physiology</i> , 2018, 9, 676.	2.8	14
189	Whole Genome Incorporation and Epigenetic Stability in a Newly Synthetic Allopolyploid of Gynogenetic Gibel Carp. <i>Genome Biology and Evolution</i> , 2018, 10, 2394-2407.	2.5	14
190	Zebrafish <i>MARCH8</i> downregulates fish IFN response by targeting <i>MITA</i> and <i>TBK1</i> for protein degradation. <i>Developmental and Comparative Immunology</i> , 2022, 135, 104485.	2.3	14
191	Real-Time Dissecting the Entry and Intracellular Dynamics of Single Reovirus Particle. <i>Frontiers in Microbiology</i> , 2018, 9, 2797.	3.5	13
192	Replication and transcription machinery for ranaviruses: components, correlation, and functional architecture. <i>Cell and Bioscience</i> , 2022, 12, 6.	4.8	13
193	Developmental expression of <i>CagMdkb</i> during gibel carp embryogenesis. <i>International Journal of Developmental Biology</i> , 2007, 51, 761-769.	0.6	12
194	Molecular Characterization and Functional Commonality of Nucleophosmin/Nucleoplasmin in Two Cyprinid Fish. <i>Biochemical Genetics</i> , 2009, 47, 749-762.	1.7	12
195	Jian-Kang Liu: A pioneer of sex determination studies in vertebrates. <i>Protein and Cell</i> , 2016, 7, 1-3.	11.0	12
196	The microRNA-200 cluster on chromosome 23 is required for oocyte maturation and ovulation in zebrafish. <i>Biology of Reproduction</i> , 2020, 103, 769-778.	2.7	12
197	Dynamic and Differential Expression of Duplicated <i>Cxcr4/Cxcl12</i> Genes Facilitates Antiviral Response in Hexaploid Gibel Carp. <i>Frontiers in Immunology</i> , 2020, 11, 2176.	4.8	12
198	Expression characterization, genomic structure and function analysis of fish ubiquitin-specific protease 18 ( <i>USP18</i> ) genes. <i>Developmental and Comparative Immunology</i> , 2015, 52, 112-122.	2.3	11

#	ARTICLE	IF	CITATIONS
199	Genetic identification of a newly synthetic allopolyploid strain with 206 chromosomes in polyploid gibel carp. <i>Aquaculture Research</i> , 2018, 49, 1-10.	1.8	11
200	Comparative mitogenome analyses uncover mitogenome features and phylogenetic implications of the subfamily Cobitinae. <i>BMC Genomics</i> , 2021, 22, 50.	2.8	11
201	Divergent Antiviral Mechanisms of Two Viperin Homeologs in a Recurrent Polyploid Fish. <i>Frontiers in Immunology</i> , 2021, 12, 702971.	4.8	11
202	Grouper tsh <sup>1</sup> Promoter-Driven Transgenic Zebrafish Marks Proximal Kidney Tubule Development. <i>PLoS ONE</i> , 2014, 9, e97806.	2.5	11
203	Differential expression and characterization analysis of a new gene with WD domains in fish oogenesis. <i>Science in China Series C: Life Sciences</i> , 2001, 44, 541-553.	1.3	10
204	Identification of a Spindlin homolog in gibel carp ( <i>Carassius auratus gibelio</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2005, 141, 159-167.	1.6	10
205	A sex-linked SNP mutation in amhr2 is responsible for male differentiation in obscure puffer (Takifugu) Tj ETQq1 1 0,784314 rgBT /Ov	2.3	10
206	Biotechnological innovation in genetic breeding and sustainable green development in Chinese aquaculture. <i>Scientia Sinica Vitae</i> , 2019, 49, 1409-1429.	0.3	10
207	Molecular cloning and stress-induced expression of paralichthys olivaceus heme-regulated initiation factor 2 $\alpha$ kinase. <i>Developmental and Comparative Immunology</i> , 2006, 30, 1047-1059.	2.3	9
208	Identification of a putative oocyte-specific small nuclear ribonucleoprotein polypeptide C in gibel carp. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2007, 146, 47-52.	1.6	9
209	Identification and characterization of one novel type of Triactinospomyxon with short spore axis. <i>Parasitology Research</i> , 2012, 110, 2385-2393.	1.6	9
210	Proliferation and resistance difference of a liver-parasitized myxosporean in two different gynogenetic clones of gibel carp. <i>Parasitology Research</i> , 2014, 113, 1331-1341.	1.6	9
211	BMP and RA signaling cooperate to regulate Apolipoprotein C1 expression during embryonic development. <i>Gene</i> , 2015, 554, 196-204.	2.2	9
212	Genotypic Males Play an Important Role in the Creation of Genetic Diversity in Gynogenetic Gibel Carp. <i>Frontiers in Genetics</i> , 2021, 12, 691923.	2.3	9
213	Sex-specific markers developed by genome-wide 2b-RAD sequencing confirm an XX/XY sex determination system in Chinese longsnout catfish ( <i>Leiocassis longirostris</i> ). <i>Aquaculture</i> , 2022, 549, 737730.	3.5	9
214	A Novel Non-Mammalian-Specific HERC7 Negatively Regulates IFN Response through Degrading RLR Signaling Factors. <i>Journal of Immunology</i> , 2022, 208, 1189-1203.	0.8	9
215	Genome-wide association study reveals the genetic basis of growth trait in yellow catfish with sexual size dimorphism. <i>Genomics</i> , 2022, 114, 110380.	2.9	9
216	Fish female-biased gene cyp19a1a leads to female antiviral response attenuation between sexes by autophagic degradation of MITA. <i>PLoS Pathogens</i> , 2022, 18, e1010626.	4.7	9

#	ARTICLE	IF	CITATIONS
217	Identification of three duplicated Spin genes in medaka ( <i>Oryzias latipes</i> ). <i>Gene</i> , 2005, 350, 99-106.	2.2	8
218	Differential gene expression of protein kinases in oocytes between natural gynogenetic silver crucian carp and amphimictic crucian carp. <i>Science Bulletin</i> , 1999, 44, 1297-1301.	1.7	7
219	Molecular characterisation and inductive expression of a fish protein arginine methyltransferase 1 gene in response to virus infection. <i>Fish and Shellfish Immunology</i> , 2007, 22, 380-393.	3.6	7
220	Predominant expression and cellular distribution of fish Agr2 in renal collecting system. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2009, 152, 397-404.	1.6	7
221	Mtmt8 is essential for vasculature development in zebrafish embryos. <i>BMC Developmental Biology</i> , 2010, 10, 96.	2.1	7
222	EST dataset of pituitary and identification of somatolactin and novel genes in Chinese sturgeon, <i>Acipenser sinensis</i> . <i>Molecular Biology Reports</i> , 2012, 39, 4647-4653.	2.3	7
223	Microsatellite polymorphism and genetic differentiation of different populations screened from genome survey sequencing in red-tail catfish ( <i>Hemibarbus wyckii</i> ). <i>Aquaculture Reports</i> , 2021, 19, 100614.	1.7	7
224	Comparative transcriptomic analysis reveals an association of gibel carp fatty liver with ferroptosis pathway. <i>BMC Genomics</i> , 2021, 22, 328.	2.8	7
225	Response of gut microbiota to feed-borne bacteria depends on fish growth rate: a snapshot survey of farmed juvenile <i>Takifugu obscurus</i> . <i>Microbial Biotechnology</i> , 2022, 15, 683-702.	4.2	7
226	Identification of a novel C2 domain factor in ovaries of orange-spotted grouper ( <i>Epinephelus</i> ). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387</i> 374-383.	1.6	6
227	Animal reproduction and physiology: from basis to application. <i>Science China Life Sciences</i> , 2010, 53, 399-400.	4.9	6
228	De novo transcriptome assembly of four organs of <i>Collichthys lucidus</i> and identification of genes involved in sex determination and reproduction. <i>PLoS ONE</i> , 2020, 15, e0230580.	2.5	6
229	Genomic polymorphisms at the chr2 locus improve feed conversion efficiency through alleviation of hypothalamus-pituitary-interrenal axis activity in gibel carp ( <i>Carassius gibelio</i> ). <i>Science China Life Sciences</i> , 2022, 65, 206-214.	4.9	6
230	Molecular Characterization and Expression Pattern of Fetuin-B in Gibel Carp ( <i>Carassius auratus</i> ). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2</i>	1.7	5
231	Expression pattern of cellular nucleic acid-binding protein (CNBP) during embryogenesis and spermatogenesis of gibel carp. <i>Molecular Biology Reports</i> , 2009, 36, 1491-1496.	2.3	5
232	Structural and Functional Diversity among Five RING Finger Proteins from <i>Carassius auratus</i> Herpesvirus (CaHV). <i>Viruses</i> , 2021, 13, 254.	3.3	5
233	Transcriptome profiling revealed the growth superiority of hybrid pufferfish derived from <i>Takifugu obscurus</i> and <i>Takifugu rubripes</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 40, 100912.	1.0	5
234	Cooperative antiviral activities of two duplicated viperin homeologs confirmed by CRISPR/Cas9 editing in hexaploid gibel carp. <i>Aquaculture</i> , 2022, 548, 737609.	3.5	5

#	ARTICLE	IF	CITATIONS
235	Promoter Binding and Nuclear Retention Features of Zebrafish IRF Family Members in IFN Response. <i>Frontiers in Immunology</i> , 2022, 13, 861262.	4.8	5
236	Two duplicated <i>gsdf</i> homeologs cooperatively regulate male differentiation by inhibiting <i>cyp19a1a</i> transcription in a hexaploid fish. <i>PLoS Genetics</i> , 2022, 18, e1010288.	3.5	5
237	Molecular characterization and expression of an oocyte-specific histone stem-loop binding protein in <i>Carassius gibelio</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2015, 190, 46-53.	1.6	4
238	Molecular identification and function characterization of four <i>finTRIM</i> genes from the immortal fish cell line, EPC. <i>Developmental and Comparative Immunology</i> , 2020, 113, 103775.	2.3	4
239	Inhibition of <i>Siniperca chuatsi</i> Rhabdovirus by RNA Interference in a Fish Cell Line. <i>Fish Pathology</i> , 2012, 47, 30-32.	0.7	4
240	Global Analysis of Transcriptome and Translatome Revealed That Coordinated WNT and FGF Regulate the Carapacial Ridge Development of Chinese Soft-Shell Turtle. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12441.	4.1	4
241	Two Duplicated <i>Ptpn6</i> Homeologs Cooperatively and Negatively Regulate RLR-Mediated IFN Response in Hexaploid Gibel Carp. <i>Frontiers in Immunology</i> , 2021, 12, 780667.	4.8	4
242	Comparative analyses reveal sex-biased gut microbiota in cultured subadult pufferfish <i>Takifugu obscurus</i> . <i>Aquaculture</i> , 2022, 558, 738366.	3.5	4
243	Ectopic <i>Six3</i> expression in the dragon eye goldfish. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2008, 149, 303-313.	1.6	3
244	Comparative mitogenomic analyses unveil conserved and variable mitogenomic features and phylogeny of <i>Chedrinae</i> fish. <i>Zoological Research</i> , 2022, 43, 30-32.	2.1	3
245	Genetic Diversity Evaluation and Population Structure Analysis of Red Swamp Crayfish ( <i>Procambarus</i> ) Tj ETQq1 1 0,784314 rgBT /Ove	1.7	3
246	Transcript-associated microsatellites from gibel carp and their applicability of genetic analyses in <i>Carassius auratus</i> populations. <i>Journal of Applied Ichthyology</i> , 2018, 34, 1108-1116.	0.7	2
247	Function characterization and expression regulation of two different-sized 3' UTR untranslated region-containing interferon genes from clone F of gibel carp <i>Carassius auratus gibelio</i> . <i>Molecular Immunology</i> , 2020, 119, 18-26.	2.2	2
248	A High-Density Genetic Map and QTL Fine Mapping for Growth- and Sex-Related Traits in Red Swamp Crayfish ( <i>Procambarus clarkii</i> ). <i>Frontiers in Genetics</i> , 2022, 13, 852280.	2.3	2
249	In vitro culture of embryonic hearts from guppy fish ( <i>Poecilia reticulata</i> ). <i>Science Bulletin</i> , 2001, 46, 1638-1641.	1.7	1
250	The Institute of Hydrobiology of the Chinese Academy of Sciences (1 p.). <i>Environmental Science and Pollution Research</i> , 2005, 12, 251-251.	5.3	1
251	Subcellular localization and inductive expression of the dsRNA-dependent protein kinase PKR from Japanese flounder, <i>Paralichthys olivaceus</i> . <i>Progress in Natural Science: Materials International</i> , 2009, 19, 1227-1234.	4.4	1
252	Cloning, expression pattern and promoter functional analysis of <i>cyp19a1a</i> gene in miiuy croaker. <i>Gene</i> , 2017, 627, 271-277.	2.2	1

#	ARTICLE	IF	CITATIONS
253	Sox9a, not sox9b is required for normal cartilage development in zebrafish. <i>Aquaculture and Fisheries</i> , 2021, 6, 254-259.	2.2	1
254	Identification and functional characterization of three irf7 transcript variants in obscure puffer ( <i>Takifugu obscurus</i> ). <i>Developmental and Comparative Immunology</i> , 2021, 119, 104019.	2.3	1
255	Comparative genomic analysis of different sexes and diet-specific amino acid mutation identification in <i>Ancherythroculter nigrocauda</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 40, 100910.	1.0	1
256	CLONING OF RED-SPOTTED GROUPER <i>TSHb</i> ; PROMOTER AND ITS LOCALIZATION EXPRESSION IN PRIMITIVE GONAD AND PITUITARY OF ZEBRAFISH EMBRYOS. <i>Acta Hydrobiologica Sinica</i> , 2010, 36, 822-827.	0.1	1
257	CONSTRUCTION AND ANALYSIS OF THE SUBTRACTIVE cDNA LIBRARY OF CRUCIAN CARP INDUCED BY HYPOXIA. <i>Acta Hydrobiologica Sinica</i> , 2009, 33, 113-118.	0.1	0
258	GENETIC DIVERSITY OF CRUCIAN CARP ( <i>CARASSIUS AURATUS</i> ) FROM YILI RIVER OF SINKIANG DISTRICT. <i>Acta Hydrobiologica Sinica</i> , 2009, 33, 690-695.	0.1	0
259	EXPRESSED SEQUENCE TAG ANALYSIS OF A 4 YEAR-OLD CHINESE STURGEON PITUITARY. <i>Acta Hydrobiologica Sinica</i> , 2009, 33, 581-588.	0.1	0
260	EST ANALYSIS AND IMMUNE-RELATED GENE IDENTIFICATION OF GRASS CARP THYMUS IN RESPONSE TO VIRUS INFECTION. <i>Acta Hydrobiologica Sinica</i> , 2010, 33, 1031-1037.	0.1	0
261	THE <i>EACYP19A1A</i> ; PROMOTER OF RED-SPOTTED GROUPER DIRECTS THE EXPRESSION OF GFP IN EARLY PRIMARY GONAD CELLS OF ZEBRAFISH. <i>Acta Hydrobiologica Sinica</i> , 2010, 36, 502-508.	0.1	0
262	Identification and characterization of type I and II IFN genes in obscure puffer ( <i>Takifugu obscurus</i> ). <i>Aquaculture Reports</i> , 2022, 23, 101080.	1.7	0