Jian-Fang Gui

List of Publications by Year
in descending order

262	10,998	28274 55	48315 88
papers	citations	h-index	g-index

311	311	311	5885
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genomic polymorphisms at the crhr2 locus improve feed conversion efficiency through alleviation of hypothalamus-pituitary-interrenal axis activity in gibel carp (Carassius gibelio). Science China Life Sciences, 2022, 65, 206-214.	4.9	6
2	Response of gut microbiota to feedâ€borne bacteria depends on fish growth rate: a snapshot survey of farmed juvenile Takifugu obscurus. Microbial Biotechnology, 2022, 15, 683-702.	4.2	7
3	Cooperative antivirus activities of two duplicated viperin homeologs confirmed by CRISPR/Cas9 editing in hexaploid gibel carp. Aquaculture, 2022, 548, 737609.	3.5	5
4	Sex-specific markers developed by genome-wide 2b-RAD sequencing confirm an XX/XY sex determination system in Chinese longsnout catfish (Leiocassis longirostris). Aquaculture, 2022, 549, 737730.	3.5	9
5	Rethinking fish biology and biotechnologies in the challenge era for burgeoning genome resources and strengthening food security. , 2022, 1, 100002.		41
6	Replication and transcription machinery for ranaviruses: components, correlation, and functional architecture. Cell and Bioscience, 2022, 12, 6.	4.8	13
7	A Novel Nonâ€“Mammalian-Specific HERC7 Negatively Regulates IFN Response through Degrading RLR Signaling Factors. Journal of Immunology, 2022, 208, 1189-1203.	0.8	9
8	Comparative mitogenomic analyses unveil conserved and variable mitogenomic features and phylogeny of Chedrinae fish. Zoological Research, 2022, 43, 30-32.	2.1	3
9	Identification and characterization of type I and II IFN genes in obscure puffer (Takifugu obscurus). Aquaculture Reports, 2022, 23, 101080.	1.7	0
10	Promoter Binding and Nuclear Retention Features of Zebrafish IRF Family Members in IFN Response. Frontiers in Immunology, 2022, 13, 861262.	4.8	5
11	A High-Density Genetic Map and QTL Fine Mapping for Growth- and Sex-Related Traits in Red Swamp Crayfish (Procambarus clarkii). Frontiers in Genetics, 2022, 13, 852280.	2.3	2
12	Genome-wide association study reveals the genetic basis of growth trait in yellow catfish with sexual size dimorphism. Genomics, 2022, 114, 110380.	2.9	9
13	Sex determination mechanisms and sex control approaches in aquaculture animals. Science China Life Sciences, 2022, 65, 1091-1122.	4.9	51
14	Comparative analyses reveal sex-biased gut microbiota in cultured subadult pufferfish Takifugu obscurus. Aquaculture, 2022, 558, 738366.	3.5	4
15	Genetic Diversity Evaluation and Population Structure Analysis of Red Swamp Crayfish (Procambarus) Tj ETQq1 1 0.784314 rgBT /Ove	1.7	3
16	Zebrafish MARCH8 downregulates fish IFN response by targeting MITA and TBK1 for protein degradation. Developmental and Comparative Immunology, 2022, 135, 104485.	2.3	14
17	Comparative transcriptomes and metabolomes reveal different tolerance mechanisms to cold stress in two different catfish species. Aquaculture, 2022, 560, 738543.	3.5	16
18	Fish female-biased gene cyp19a1a leads to female antiviral response attenuation between sexes by autophagic degradation of MITA. PLoS Pathogens, 2022, 18, e1010626.	4.7	9

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19	Two duplicated gsdf homeologs cooperatively regulate male differentiation by inhibiting cyp19a1a transcription in a hexaploid fish. PLoS Genetics, 2022, 18, e1010288.	3.5	5
20	Comparative genome anatomy reveals evolutionary insights into a unique amphitriploid fish. Nature Ecology and Evolution, 2022, 6, 1354-1366.	7.8	29
21	Regain of sex determination system and sexual reproduction ability in a synthetic octoploid male fish. Science China Life Sciences, 2021, 64, 77-87.	4.9	36
22	Sox9a, not sox9b is required for normal cartilage development in zebrafish. Aquaculture and Fisheries, 2021, 6, 254-259.	2.2	1
23	Construction of a high-density genetic linkage map and fine mapping of QTLs for growth and sex-related traits in red-tail catfish (Hemibagrus wyckioides). Aquaculture, 2021, 531, 735892.	3.5	22
24	Interferon regulatory factor 1 (IRF1) and anti-pathogen innate immune responses. PLoS Pathogens, 2021, 17, e1009220.	4.7	131
25	Comparative mitogenome analyses uncover mitogenome features and phylogenetic implications of the subfamily Cobitinae. BMC Genomics, 2021, 22, 50.	2.8	11
26	Upregulation of the PPAR signaling pathway and accumulation of lipids are related to the morphological and structural transformation of the dragon-eye goldfish eye. Science China Life Sciences, 2021, 64, 1031-1049.	4.9	27
27	Functional Divergence of Multiple Duplicated Foxl2 Homeologs and Alleles in a Recurrent Polyploid Fish. Molecular Biology and Evolution, 2021, 38, 1995-2013.	8.9	44
28	Structural and Functional Diversity among Five RING Finger Proteins from Carassius Auratus Herpesvirus (CaHV). Viruses, 2021, 13, 254.	3.3	5
29	Microsatellite polymorphism and genetic differentiation of different populations screened from genome survey sequencing in red-tail catfish (Hemibagrus wyckioides). Aquaculture Reports, 2021, 19, 100614.	1.7	7
30	Genotypic Males Play an Important Role in the Creation of Genetic Diversity in Gynogenetic Gibel Carp. Frontiers in Genetics, 2021, 12, 691923.	2.3	9
31	Comparative transcriptomic analysis reveals an association of gibel carp fatty liver with ferroptosis pathway. BMC Genomics, 2021, 22, 328.	2.8	7
32	Identification and functional characterization of three irf7 transcript variants in obscure puffer (Takifugu obscurus). Developmental and Comparative Immunology, 2021, 119, 104019.	2.3	1
33	Production of YY males through self-fertilization of an occasional hermaphrodite in Lanzhou catfish (Silurus lanzhouensis). Aquaculture, 2021, 539, 736622.	3.5	18
34	A sex-linked SNP mutation in amhr2 is responsible for male differentiation in obscure puffer (Takifugu) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.3	10
35	Divergent Antiviral Mechanisms of Two Viperin Homeologs in a Recurrent Polyploid Fish. Frontiers in Immunology, 2021, 12, 702971.	4.8	11
36	Genomic anatomy of male-specific microchromosomes in a gynogenetic fish. PLoS Genetics, 2021, 17, e1009760.	3.5	17

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37	Comparative genomic analysis of different sexes and diet-specific amino acid mutation identification in Ancherythroculter nigrocauda. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2021, 40, 100910.	1.0	1
38	Transcriptome profiling revealed the growth superiority of hybrid pufferfish derived from Takifugu obscurus â™€ÂÃ—ÂTakifugu rubripes â™‚. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2021, 40, 100912.	1.0	5
39	Global Analysis of Transcriptome and Translatome Revealed That Coordinated WNT and FGF Regulate the Carapacial Ridge Development of Chinese Soft-Shell Turtle. International Journal of Molecular Sciences, 2021, 22, 12441.	4.1	4
40	Two Duplicated Ptpn6 Homeologs Cooperatively and Negatively Regulate RLR-Mediated IFN Response in Hexaploid Gibel Carp. Frontiers in Immunology, 2021, 12, 780667.	4.8	4
41	Hyperandrogenism in POMCa-deficient zebrafish enhances somatic growth without increasing adiposity. Journal of Molecular Cell Biology, 2020, 12, 291-304.	3.3	20
42	Stable Genome Incorporation of Sperm-derived DNA Fragments in Gynogenetic Clone of Gibel Carp. Marine Biotechnology, 2020, 22, 54-66.	2.4	29
43	Artificially induced sex-reversal leads to transition from genetic to temperature-dependent sex determination in fish species. Science China Life Sciences, 2020, 63, 157-159.	4.9	23
44	A rapid and reliable method for identifying genetic sex in obscure pufferfish (Takifugu obscurus). Aquaculture, 2020, 519, 734749.	3.5	23
45	The microRNA-200 cluster on chromosome 23 is required for oocyte maturation and ovulation in zebrafishâ€. Biology of Reproduction, 2020, 103, 769-778.	2.7	12
46	Molecular identification and function characterization of four finTRIM genes from the immortal fish cell line, EPC. Developmental and Comparative Immunology, 2020, 113, 103775.	2.3	4
47	Copper stress induces zebrafish central neural system myelin defects via WNT/NOTCH-hoxb5b signaling and pou3f1/fam168a/fam168b DNA methylation. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2020, 1863, 194612.	1.9	20
48	Dynamic and Differential Expression of Duplicated Cxcr4/Cxcl12 Genes Facilitates Antiviral Response in Hexaploid Gibel Carp. Frontiers in Immunology, 2020, 11, 2176.	4.8	12
49	Transcriptome analysis of grass carp (Ctenopharyngodon idella) between fast- and slow-growing fish. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2020, 35, 100688.	1.0	27
50	Screening and characterization of sex-specific markers by 2b-RAD sequencing in zig-zag eel (Mastacembelus armatus) with implication of XY sex determination system. Aquaculture, 2020, 528, 735550.	3.5	29
51	From asymmetrical to balanced genomic diversification during rediploidization: Subgenomic evolution in allotetraploid fish. Science Advances, 2020, 6, eaaz7677.	10.3	59
52	Characterization of DNA Binding and Nuclear Retention Identifies Zebrafish IRF11 as a Positive Regulator of IFN Antiviral Response. Journal of Immunology, 2020, 205, 237-250.	0.8	17
53	Chromosomeâ€level analysis of the Crassostrea hongkongensis genome reveals extensive duplication of immuneâ€related genes in bivalves. Molecular Ecology Resources, 2020, 20, 980-994.	4.8	45
54	De novo transcriptome assembly of four organs of Collichthys lucidus and identification of genes involved in sex determination and reproduction. PLoS ONE, 2020, 15, e0230580.	2.5	6

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55	Igf2bp3 maintains maternal RNA stability and ensures early embryo development in zebrafish. Communications Biology, 2020, 3, 94.	4.4	40
56	Function characterization and expression regulation of two different-sized 3â€™ untranslated region-containing interferon genes from clone F of gibel carp Carassius auratus gibelio. Molecular Immunology, 2020, 119, 18-26.	2.2	2
57	Differential expression of innate and adaptive immune genes in the survivors of three gibel carp gynogenetic clones after herpesvirus challenge. BMC Genomics, 2019, 20, 432.	2.8	27
58	Identification of sexâ€specific markers and heterogametic XX/XY sex determination system by 2bâ€RAD sequencing in redtail catfish (Mystus wyckioides). Aquaculture Research, 2019, 50, 2251-2266.	1.8	29
59	Protective effect of Clostridium butyricum against Carassius auratus herpesvirus in gibel carp. Aquaculture International, 2019, 27, 905-914.	2.2	18
60	Fish species-specific TRIM gene FTRCA1 negatively regulates interferon response through attenuating IRF7 transcription. Fish and Shellfish Immunology, 2019, 90, 180-187.	3.6	21
61	FTRCA1, a Species-Specific Member of finTRIM Family, Negatively Regulates Fish IFN Response through Autophage-Lysosomal Degradation of TBK1. Journal of Immunology, 2019, 202, 2407-2420.	0.8	43
62	Comparative Transcriptome Analysis Reveals Differentially Expressed Genes and Signaling Pathways Between Male and Female Red-Tail Catfish (Mystus wyckioides). Marine Biotechnology, 2019, 21, 463-474.	2.4	18
63	Unusual AT-skew of Sinorhodeus microlepis mitogenome provides new insights into mitogenome features and phylogenetic implications of bitterling fishes. International Journal of Biological Macromolecules, 2019, 129, 339-350.	7.5	17
64	SVCV infection triggers fish IFN response through RLR signaling pathway. Fish and Shellfish Immunology, 2019, 86, 1058-1063.	3.6	31
65	Biotechnological innovation in genetic breeding and sustainable green development in Chinese aquaculture. Scientia Sinica Vitae, 2019, 49, 1409-1429.	0.3	10
66	Paradigm changes in freshwater aquaculture practices in China: Moving towards achieving environmental integrity and sustainability. Ambio, 2018, 47, 410-426.	5.5	21
67	Molecular characterization of caspase members and expression response to Nervous Necrosis Virus outbreak in Pacific cod. Fish and Shellfish Immunology, 2018, 74, 559-566.	3.6	14
68	An miR-200 Cluster on Chromosome 23 Regulates Sperm Motility in Zebrafish. Endocrinology, 2018, 159, 1982-1991.	2.8	22
69	Origin and transition of sex determination mechanisms in a gynogenetic hexaploid fish. Heredity, 2018, 121, 64-74.	2.6	51
70	Genetic identification of a newly synthetic allopolyploid strain with 206 chromosomes in polyploid gibel carp. Aquaculture Research, 2018, 49, 1-10.	1.8	11
71	Divergent transcriptomic responses underlying the ranaviruses-amphibian interaction processes on interspecies infection of Chinese giant salamander. BMC Genomics, 2018, 19, 211.	2.8	15
72	Differential expression and functional diversification of diverse immunoglobulin domain-containing protein (DICP) family in three gynogenetic clones of gibel carp. Developmental and Comparative Immunology, 2018, 84, 396-407.	2.3	21

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73	Alternative Splicing Transcripts of Zebrafish LGP2 Gene Differentially Contribute to IFN Antiviral Response. Journal of Immunology, 2018, 200, 688-703.	0.8	62
74	Real-Time Dissecting the Entry and Intracellular Dynamics of Single Reovirus Particle. Frontiers in Microbiology, 2018, 9, 2797.	3.5	13
75	Zebrafish androgen receptor is required for spermatogenesis and maintenance of ovarian function. Oncotarget, 2018, 9, 24320-24334.	1.8	41
76	Diversity, evolutionary contribution and ecological roles of aquatic viruses. Science China Life Sciences, 2018, 61, 1486-1502.	4.9	65
77	Diverse and variable sex determination mechanisms in vertebrates. Science China Life Sciences, 2018, 61, 1503-1514.	4.9	134
78	Chromosomal-level assembly of yellow catfish genome using third-generation DNA sequencing and Hi-C analysis. GigaScience, 2018, 7, .	6.4	75
79	Divergent Expression Patterns and Function of Two cxcr4 Paralogs in Hermaphroditic Epinephelus coioides. International Journal of Molecular Sciences, 2018, 19, 2943.	4.1	14
80	Oocyte-specific maternal Slbp2 is required for replication-dependent histone storage and early nuclear cleavage in zebrafish oogenesis and embryogenesis. Rna, 2018, 24, 1738-1748.	3.5	16
81	A novel PDZ domain-containing gene is essential for male sex differentiation and maintenance in yellow catfish (Pelteobagrus fulvidraco). Science Bulletin, 2018, 63, 1420-1430.	9.0	53
82	An epigenetic regulatory switch controlling temperature-dependent sex determination in vertebrates. Science China Life Sciences, 2018, 61, 996-998.	4.9	16
83	Screening and characterisation of sex differentiation-related long non-coding RNAs in Chinese soft-shell turtle (Pelodiscus sinensis). Scientific Reports, 2018, 8, 8630.	3.3	19
84	Stat5b Regulates Sexually Dimorphic Gene Expression in Zebrafish Liver. Frontiers in Physiology, 2018, 9, 676.	2.8	14
85	Distinct sperm nucleus behaviors between genotypic and temperature-dependent sex determination males are associated with replication and expression-related pathways in a gynogenetic fish. BMC Genomics, 2018, 19, 437.	2.8	23
86	Transcript-associated microsatellites from gibel carpÂand their applicability of genetic analyses inCarassius auratuspopulations. Journal of Applied Ichthyology, 2018, 34, 1108-1116.	0.7	2
87	Differential interferon system gene expression profiles in susceptible and resistant gynogenetic clones of gibel carp challenged with herpesvirus CaHV. Developmental and Comparative Immunology, 2018, 86, 52-64.	2.3	35
88	Whole Genome Incorporation and Epigenetic Stability in a Newly Synthetic Allopolyploid of Gynogenetic Gibel Carp. Genome Biology and Evolution, 2018, 10, 2394-2407.	2.5	14
89	Sequential, Divergent, and Cooperative Requirements ofFoxl2aandFoxl2bin Ovary Development and Maintenance of Zebrafish. Genetics, 2017, 205, 1551-1572.	2.9	131
90	Loss of stat3 function leads to spine malformation and immune disorder in zebrafish. Science Bulletin, 2017, 62, 185-196.	9.0	34

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91	A novel male-specific SET domain-containing gene setdm identified from extra microchromosomes of gibel carp males. Science Bulletin, 2017, 62, 528-536.	9.0	19
92	Sexual dimorphic expression of dnd in germ cells during sex reversal and its requirement for primordial germ cell survival in protogynous hermaphroditic grouper. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2017, 208-209, 47-57.	1.6	14
93	greb1 regulates convergent extension movement and pituitary development in zebrafish. Gene, 2017, 627, 176-187.	2.2	30
94	Natural and artificial polyploids in aquaculture. Aquaculture and Fisheries, 2017, 2, 103-111.	2.2	96
95	Beneficial effect and potential molecular mechanism of chloroquine on sperm motility and fertilizing ability in yellow catfish. Aquaculture, 2017, 468, 307-313.	3.5	15
96	Distinct and Cooperative Roles of amh and dmrt1 in Self-Renewal and Differentiation of Male Germ Cells in Zebrafish. Genetics, 2017, 207, 1007-1022.	2.9	155
97	Wider geographic distribution and higher diversity of hexaploids than tetraploids in Carassius species complex reveal recurrent polyploidy effects on adaptive evolution. Scientific Reports, 2017, 7, 5395.	3.3	37
98	Essential roles of stat5.1 / stat5b in controlling fish somatic growth. Journal of Genetics and Genomics, 2017, 44, 577-585.	3.9	36
99	Cloning, expression pattern and promoter functional analysis of cyp19a1a gene in miiuy croaker. Gene, 2017, 627, 271-277.	2.2	1
100	Numerous mitochondrial DNA haplotypes reveal multiple independent polyploidy origins of hexaploids in Carassius species complex. Ecology and Evolution, 2017, 7, 10604-10615.	1.9	26
101	miR-34a Regulates Sperm Motility in Zebrafish. International Journal of Molecular Sciences, 2017, 18, 2676.	4.1	30
102	Divergent Expression Patterns and Function Implications of Four nanos Genes in a Hermaphroditic Fish, Epinephelus coioides. International Journal of Molecular Sciences, 2017, 18, 685.	4.1	25
103	Distinct herpesvirus resistances and immune responses of three gynogenetic clones of gibel carp revealed by comprehensive transcriptomes. BMC Genomics, 2017, 18, 561.	2.8	56
104	Leucine mediates autophagosome-lysosome fusion and improves sperm motility by activating the PI3K/Akt pathway. Oncotarget, 2017, 8, 111807-111818.	1.8	30
105	Extra Microchromosomes Play Male Determination Role in Polyploid Gibel Carp. Genetics, 2016, 203, 1415-1424.	2.9	55
106	Zebrafish IRF1, IRF3, and IRF7 Differentially Regulate IFNÎ¦1 and IFNÎ¦3 Expression through Assembly of Homo- or Heteroprotein Complexes. Journal of Immunology, 2016, 197, 1893-1904.	0.8	62
107	Molecular characterization and expression pattern of a germ cell marker gene dnd in gibel carp (Carassius gibelio). Gene, 2016, 591, 183-190.	2.2	24
108	Complete genome sequence and architecture of crucian carp Carassius auratus herpesvirus (CaHV). Archives of Virology, 2016, 161, 3577-3581.	2.1	46

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109	Jian-Kang Liu: A pioneer of sex determination studies in vertebrates. Protein and Cell, 2016, 7, 1-3.	11.0	12
110	A novel allotetraploid gibel carp strain with maternal body type and growth superiority. Aquaculture, 2016, 458, 55-63.	3.5	14
111	Sex differences in the expression of GH/IGF axis genes underlie sexual size dimorphism in the yellow catfish (Pelteobagrus fulvidraco). Science China Life Sciences, 2016, 59, 431-433.	4.9	43
112	Parentage determination of yellow catfish (Pelteobagrus Fulvidraco) based on microsatellite DNA markers. Aquaculture International, 2016, 24, 567-576.	2.2	17
113	A feedback regulatory loop involving p53/miR-200 and growth hormone endocrine axis controls embryo size of zebrafish. Scientific Reports, 2015, 5, 15906.	3.3	48
114	Complete depletion of primordial germ cells in an All-female fish leads to Sex-biased gene expression alteration and sterile All-male occurrence. BMC Genomics, 2015, 16, 971.	2.8	44
115	Zebrafish Lbh-like Is Required for Otx2-mediated Photoreceptor Differentiation. International Journal of Biological Sciences, 2015, 11, 688-700.	6.4	14
116	Comparative Transcriptome Analysis of Differentially Expressed Genes and Signaling Pathways between XY and YY Testis in Yellow Catfish. PLoS ONE, 2015, 10, e0134626.	2.5	23
117	Meiosis completion and various sperm responses lead to unisexual and sexual reproduction modes in one clone of polyploid Carassius gibelio. Scientific Reports, 2015, 5, 10898.	3.3	49
118	Identification of Sex-Specific Markers Reveals Male Heterogametic Sex Determination in Pseudobagrus ussuriensis. Marine Biotechnology, 2015, 17, 441-451.	2.4	66
119	Genetic basis and biotechnological manipulation of sexual dimorphism and sex determination in fish. Science China Life Sciences, 2015, 58, 124-136.	4.9	334
120	Virus genomes and virus-host interactions in aquaculture animals. Science China Life Sciences, 2015, 58, 156-169.	4.9	160
121	Fish biology and biotechnology is the source for sustainable aquaculture. Science China Life Sciences, 2015, 58, 121-123.	4.9	19
122	Expression characterization, genomic structure and function analysis of fish ubiquitin-specific protease 18 (USP18) genes. Developmental and Comparative Immunology, 2015, 52, 112-122.	2.3	11
123	Characterization and sexual dimorphic expression of Cytochrome P450 genes in the hypothalamicâ€“pituitaryâ€“gonad axis of yellow catfish. General and Comparative Endocrinology, 2015, 216, 90-97.	1.8	37
124	Molecular characterization and expression of an oocyte-specific histone stem-loop binding protein in Carassius gibelio. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2015, 190, 46-53.	1.6	4
125	Zebrafish IRF1 Regulates IFN Antiviral Response through Binding to IFNÏ•1 and IFNÏ•3 Promoters Downstream of MyD88 Signaling. Journal of Immunology, 2015, 194, 1225-1238.	0.8	108
126	A Comprehensive Transcriptome Provides Candidate Genes for Sex Determination/Differentiation and SSR/SNP Markers in Yellow Catfish. Marine Biotechnology, 2015, 17, 190-198.	2.4	59

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127	BMP and RA signaling cooperate to regulate Apolipoprotein C1 expression during embryonic development. Gene, 2015, 554, 196-204.	2.2	9
128	Scientific frontiers and hot issues in hydrobiology. Chinese Science Bulletin, 2015, 60, 2051-2057.	0.7	15
129	Sex-Biased miRNAs in Gonad and Their Potential Roles for Testis Development in Yellow Catfish. PLoS ONE, 2014, 9, e107946.	2.5	93
130	Characterization and Development of EST-SSR Markers Derived from Transcriptome of Yellow Catfish. Molecules, 2014, 19, 16402-16415.	3.8	36
131	Type-IV Antifreeze Proteins are Essential for Epiboly and Convergence in Gastrulation of Zebrafish Embryos. International Journal of Biological Sciences, 2014, 10, 715-732.	6.4	25
132	C1q-like Factor, a Target of miR-430, Regulates Primordial Germ Cell Development in Early Embryos of Carassius auratus. International Journal of Biological Sciences, 2014, 10, 15-24.	6.4	30
133	Extensive diversification of MHC in Chinese giant salamanders Andrias davidianus (Anda-MHC) reveals novel splice variants. Developmental and Comparative Immunology, 2014, 42, 311-322.	2.3	37
134	Sequence analysis and subcellular localization of crucian carp Carassius auratus viperin. Fish and Shellfish Immunology, 2014, 39, 168-177.	3.6	20
135	Proliferation and resistance difference of a liver-parasitized myxosporean in two different gynogenetic clones of gibel carp. Parasitology Research, 2014, 113, 1331-1341.	1.6	9
136	Expression characterization of testicular DMRT1 in both Sertoli cells and spermatogenic cells of polyploid gibel carp. Gene, 2014, 548, 119-125.	2.2	36
137	Fish viperin exerts a conserved antiviral function through RLR-triggered IFN signaling pathway. Developmental and Comparative Immunology, 2014, 47, 140-149.	2.3	72
138	IFN Regulatory Factor 10 Is a Negative Regulator of the IFN Responses in Fish. Journal of Immunology, 2014, 193, 1100-1109.	0.8	84
139	Fish MAVS is involved in RLR pathway-mediated IFN response. Fish and Shellfish Immunology, 2014, 41, 222-230.	3.6	40
140	Gig1, a novel antiviral effector involved in fish interferon response. Virology, 2014, 448, 322-332.	2.4	25
141	Evolutionary history of two divergent Dmrt1 genes reveals two rounds of polyploidy origins in gibel carp. Molecular Phylogenetics and Evolution, 2014, 78, 96-104.	2.7	69
142	Thymus cDNA library survey uncovers novel features of immune molecules in Chinese giant salamander Andrias davidianus. Developmental and Comparative Immunology, 2014, 46, 413-422.	2.3	24
143	Grouper tshÎ² Promoter-Driven Transgenic Zebrafish Marks Proximal Kidney Tubule Development. PLoS ONE, 2014, 9, e97806.	2.5	11
144	Genome architecture changes and major gene variations of Andrias davidianus ranavirus (ADRV). Veterinary Research, 2013, 44, 101.	3.0	64

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145	Oocyte-Specific H2A Variant H2af1o Is Required for Cell Synchrony Before Midblastula Transition in Early Zebrafish Embryos1. Biology of Reproduction, 2013, 89, 82.	2.7	26
146	Evidence for Paralichthys olivaceus IFITM1 antiviral effect by impeding viral entry into target cells. Fish and Shellfish Immunology, 2013, 35, 918-926.	3.6	24
147	High male incidence and evolutionary implications of triploid form in northeast Asia Carassius auratus complex. Molecular Phylogenetics and Evolution, 2013, 66, 350-359.	2.7	46
148	Expression regulation of zebrafish interferon regulatory factor 9 by promoter analysis. Developmental and Comparative Immunology, 2013, 41, 534-543.	2.3	27
149	Apolipoprotein C1 regulates epiboly during gastrulation in zebrafish. Science China Life Sciences, 2013, 56, 975-984.	4.9	27
150	Zebrafish dmrta2 Regulates the Expression of cdkn2c in Spermatogenesis in the Adult Testis1. Biology of Reproduction, 2013, 88, 14.	2.7	24
151	Genetic Differentiation and Efficient Sex-specific Marker Development of a Pair of Y- and X-linked Markers in Yellow Catfish. International Journal of Biological Sciences, 2013, 9, 1043-1049.	6.4	120
152	Identification of a Novel Gig2 Gene Family Specific to Non-Amniote Vertebrates. PLoS ONE, 2013, 8, e60588.	2.5	21
153	Lineage-Specific Expansion of IFIT Gene Family: An Insight into Coevolution with IFN Gene Family. PLoS ONE, 2013, 8, e66859.	2.5	54
154	A Novel Cyanophage with a Cyanobacterial Nonbleaching Protein A Gene in the Genome. Journal of Virology, 2012, 86, 236-245.	3.4	80
155	Molecular regulation of interferon antiviral response in fish. Developmental and Comparative Immunology, 2012, 38, 193-202.	2.3	255
156	Subcellular localization and functional characterization of a fish IRF9 from crucian carp Carassius auratus. Fish and Shellfish Immunology, 2012, 33, 258-266.	3.6	47
157	Molecular and expression characterization of a nanos1 homologue in Chinese sturgeon, Acipenser sinensis. Gene, 2012, 511, 285-292.	2.2	24
158	Identification of DreI as an Antiviral Factor Regulated by RLR Signaling Pathway. PLoS ONE, 2012, 7, e32427.	2.5	27
159	Genetic difference of Chinese horseshoe crab (Tachypleus tridentatus) in southeast coast of China based on mitochondrial COI gene analysis. Acta Oceanologica Sinica, 2012, 31, 132-137.	1.0	19
160	Molecular basis and genetic improvement of economically important traits in aquaculture animals. Science Bulletin, 2012, 57, 1751-1760.	1.7	225
161	Identification and characterization of one novel type of Triactinospomyxon with short spore axis. Parasitology Research, 2012, 110, 2385-2393.	1.6	9
162	EST dataset of pituitary and identification of somatolactin and novel genes in Chinese sturgeon, Acipenser sinensis. Molecular Biology Reports, 2012, 39, 4647-4653.	2.3	7

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163	Inhibition of Siniperca chuatsi Rhabdovirus by RNA Interference in a Fish Cell Line. Fish Pathology, 2012, 47, 30-32.	0.7	4
164	Molecular Cloning and Expression Characterization ofDmrt2in Akoya Pearl Oysters,Pinctada martensii. Journal of Shellfish Research, 2011, 30, 247-254.	0.9	34
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