Jingou Tong

List of Publications by Year in descending order

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66 papers	1,160 citations	361413 20 h-index	434195 31 g-index
67 all docs	67 docs citations	67 times ranked	876 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	Two generations of meiotic gynogenesis significantly elevate homogeneity and confirm genetic mode of sex determination in bighead carp (Hypophthalmichthys nobilis). Aquaculture, 2022, 547, 737461.	3.5	5
3	Dynamic mRNA and miRNA expression of the head during early development in bighead carp (Hypophthalmichthys nobilis). BMC Genomics, 2022, 23, 168.	2.8	4
4	Construction of the first high-density genetic map for growth related QTL analysis in Ancherythroculter nigrocauda. Journal of Oceanology and Limnology, 2021, 39, 1118-1130.	1.3	1
5	Transcriptome sequencing and metabolite analysis reveal the toxic effects of nanoplastics on tilapia after exposure to polystyrene. Environmental Pollution, 2021, 277, 116860.	7.5	32
6	Genome-wide association study reveals genomic regions and candidate genes for head size and shape in bighead carp (Hypophthalmichthys nobilis). Aquaculture, 2021, 539, 736648.	3.5	10
7	Updated Genome Assembly of Bighead Carp (Hypophthalmichthys nobilis) and Its Differences Between Male and Female on Genomic, Transcriptomic, and Methylation Level. Frontiers in Genetics, 2021, 12, 728177.	2.3	5
8	Transcriptome sequencing provides insights into the mechanism of hypoxia adaption in bighead carp (Hypophthalmichthys nobilis). Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2021, 40, 100891.	1.0	8
9	QTL Fine Mapping for Sex Determination Region in Bighead Carp (Hypophthalmichthys nobilis) and Comparison with Silver Carp (Hypophthalmichthys molitrix). Marine Biotechnology, 2020, 22, 41-53.	2.4	15
10	Cardiac Transcriptomics Reveals That MAPK Pathway Plays an Important Role in Hypoxia Tolerance in Bighead Carp (Hypophthalmichthys nobilis). Animals, 2020, 10, 1483.	2.3	15
11	Genetic Differentiation of an Endangered Megalobrama terminalis Population in the Heilong River within the Genus Megalobrama. Diversity, 2020, 12, 404.	1.7	2
12	Comparative transcriptome analyses and identification of candidate genes involved in vertebral abnormality of bighead carp Hypophthalmichthys nobilis. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2020, 36, 100752.	1.0	2
13	Development of microsatellite markers and genetic diversity in wild and cultured populations of black carp (Mylopharyngodon piceus) along the Yangtze River. Aquaculture International, 2020, 28, 1867-1882.	2.2	12
14	Identifying Candidate Genes Involved in the Regulation of Early Growth Using Full-Length Transcriptome and RNA-Seq Analyses of Frontal and Parietal Bones and Vertebral Bones in Bighead Carp (Hypophthalmichthys nobilis). Frontiers in Genetics, 2020, 11, 603454.	2.3	9
15	Meiotic gynogenesis with heterologous sperm in the mandarin fish Siniperca chuatsi and evidence for female homogamety. Aquaculture Research, 2019, 50, 3286-3294.	1.8	5
16	Comparative transcriptomic analysis of hypothalamus-pituitary-liver axis in bighead carp (Hypophthalmichthys nobilis) with differential growth rate. BMC Genomics, 2019, 20, 328.	2.8	17
17	Characterization of the mitochondrial genome of Megalobrama terminalis in the Heilong River and a clearer phylogeny of the genus Megalobrama. Scientific Reports, 2019, 9, 8509.	3.3	7
18	Brain and intestine transcriptome analyses and identification of genes involved in feed conversion efficiency of Yellow River carp (Cyprinus carpio haematopterus). Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2019, 29, 221-227.	1.0	7

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19	Construction of a high-density genetic linkage map and mapping of quantitative trait loci for growth-related traits in silver carp (Hypophthalmichthys molitrix). Scientific Reports, 2019, 9, 17506.	3.3	6
20	Molecular characterization and expression regulation of the factor-inhibiting HIF-1 (FIH-1) gene under hypoxic stress in bighead carp (Aristichthys nobilis). Fish Physiology and Biochemistry, 2019, 45, 657-665.	2.3	10
21	Molecular cloning, expression pattern of follistatin gene and association analysis with growth traits in bighead carp (Hypophthalmichthys nobilis). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2018, 218, 44-53.	1.6	10
22	Sex-specific markers developed by next-generation sequencing confirmed an XX/XY sex determination system in bighead carp (Hypophthalmichthys nobilis) and silver carp (Hypophthalmichthys molitrix). DNA Research, 2018, 25, 257-264.	3.4	69
23	Fine mapping of growth-related quantitative trait loci in Yellow River carp (Cyprinus carpio) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	3.5	23
24	Transcriptomic Profiles of Brain Provide Insights into Molecular Mechanism of Feed Conversion Efficiency in Crucian Carp (Carassius auratus). International Journal of Molecular Sciences, 2018, 19, 858.	4.1	13
25	Transcript-associated microsatellites from gibel carpÂand their applicability of genetic analyses inCarassius auratuspopulations. Journal of Applied Ichthyology, 2018, 34, 1108-1116.	0.7	2
26	A high-resolution genetic linkage map and QTL fine mapping for growth-related traits and sex in the Yangtze River common carp (Cyprinus carpio haematopterus). BMC Genomics, 2018, 19, 230.	2.8	67
27	Characterization and phylogenetic analysis of the complete mitochondrial genome from Rock Scallop (Crassadoma gigantea) using next-generation sequencing. Mitochondrial DNA Part B: Resources, 2018, 3, 827-828.	0.4	2
28	A High-Density Genetic Linkage Map and QTL Fine Mapping for Body Weight in Crucian Carp (Carassius auratus) Using 2b-RAD Sequencing. G3: Genes, Genomes, Genetics, 2017, 7, 2473-2487.	1.8	35
29	Polymorphisms in the Myostatin-1 gene and their association with growth traits in Ancherythroculter nigrocauda. Chinese Journal of Oceanology and Limnology, 2017, 35, 597-602.	0.7	6
30	Quantitative trait loci mapping for feed conversion efficiency in crucian carp (Carassius auratus). Scientific Reports, 2017, 7, 16971.	3.3	22
31	Molecular Characterization and Growth Association of Two Apolipoprotein A-Ib Genes in Common Carp (Cyprinus carpio). International Journal of Molecular Sciences, 2016, 17, 1569.	4.1	6
32	QTL fine mapping and identification of candidate genes for growth-related traits in bighead carp () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.5	26
33	Comparative transcriptomic analyses of two bighead carp (Hypophthalmichthys nobilis) groups with different growth rates. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2016, 20, 111-117.	1.0	10
34	A high-density genetic map and growth related QTL mapping in bighead carp (Hypophthalmichthys) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.3	96
35	Molecular characterization and expression of three preprosomatostatin genes and their association with growth in common carp (Cyprinus carpio). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2015, 182, 37-46.	1.6	14
36	Genetic and genomic analyses for economically important traits and their applications in molecular breeding of cultured fish. Science China Life Sciences, 2015, 58, 178-186.	4.9	63

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37	Comparative mapping for bighead carp (Aristichthys nobilis) against model and non-model fishes provides insights into the genomic evolution of cyprinids. Molecular Genetics and Genomics, 2015, 290, 1313-1326.	2.1	23
38	Microsatellite-centromere mapping in common carp through half-tetrad analysis in diploid meiogynogenetic families. Chromosoma, 2015, 124, 67-79.	2.2	5
39	Novel Single Nucleotide Polymorphisms of the Insulin-Like Growth Factor-I Gene and Their Associations with Growth Traits in Common Carp (Cyprinus carpio L.). International Journal of Molecular Sciences, 2014, 15, 22471-22482.	4.1	16
40	A secondâ€generation genetic linkage map for bighead carp (<scp>A</scp>ristichthys nobilis) based on microsatellite markers. Animal Genetics, 2014, 45, 699-708.	1.7	23
41	Development of 159 transcript-associated microsatellite markers in silver carp (Hypophthalmichthys) Tj ETQq1 1 0.784314 rgBT /Ove	0.8	8
42	Development and characterization of novel microsatellite markers in yellowcheck (Elopichthys) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	0.8	1
43	Microsatellite-centromere mapping in bighead carp (Aristichthys nobilis) using gynogenetic diploid families. Aquaculture Research, 2013, 44, 1470-1488.	1.8	6
44	Development of 201 tri- and tetra-nucleotide repeat microsatellites for bighead carp (Aristichthys) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	3
45	Development of 134 novel polynucleotide-repeat microsatellite markers in silver carp (Hypophthalmichthys molitrix). Conservation Genetics Resources, 2013, 5, 525-528.	0.8	11
46	A second generation genetic linkage map for silver carp (Hypophthalmichehys molitrix) using microsatellite markers. Aquaculture, 2013, 412-413, 97-106.	3.5	27
47	Centromere Localization for Bighead Carp (Aristichthys nobilis) through Half-Tetrad Analysis in Diploid Gynogenetic Families. PLoS ONE, 2013, 8, e82950.	2.5	18
48	Polymorphisms in Myostatin Gene and Associations with Growth Traits in the Common Carp (Cyprinus) Tj ETQq0 0 0 rgBT /Overlock 10	4.1	37
49	Microsatellite Development for an Endangered Bream Megalobrama pellegrini (Teleostei, Cyprinidae) Using 454 Sequencing. International Journal of Molecular Sciences, 2012, 13, 3009-3021.	4.1	44
50	Development and Characterization of New Single Nucleotide Polymorphism Markers from Expressed Sequence Tags in Common Carp (Cyprinus carpio). International Journal of Molecular Sciences, 2012, 13, 7343-7353.	4.1	11
51	Isolation and characterization of single nucleotide polymorphisms in the common carp (Cyprinus) Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	0
52	Molecular characterization of myostatin (MSTN) gene and association analysis with growth traits in the bighead carp (Aristichthys nobilis). Molecular Biology Reports, 2012, 39, 9211-9221.	2.3	40
53	Threatened fishes of the world: Luciobrama macrocephalus (cyprinidae). Environmental Biology of Fishes, 2010, 89, 187-188.	1.0	1
54	Isolation and characterization of 15 polymorphic microsatellite markers for comb pen shell (Atrina pectinata). Aquaculture Research, 2010, 41, e703.	1.8	6

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55	Detection of hybridization between two loach species (Paramisgurnus dabryanus and Misgurnus) Tj ETQq1 1 0.784314 rgBT /Overloc	1.0	37
56	Gynogenesis and sex determination in large-scale loach Paramisgurnus dabryanus (Sauvage). Aquaculture International, 2008, 16, 203-214.	2.2	27
57	Development of EST-SSRs by an Efficient FIASCO-Based Strategy: A Case Study in Rare Minnow (Gobiocyrpis Rarus). Animal Biotechnology, 2007, 18, 143-152.	1.5	6
58	Development of novel EST-SSR markers in common carp by data mining from public EST sequences. Aquaculture, 2007, 271, 558-574.	3.5	43
59	Microsatellite diversity and population genetic structure of redfin culter (Culter erythropterus) in fragmented lakes of the Yangtze River. Hydrobiologia, 2007, 586, 321-329.	2.0	20
60	Characterization of novel microsatellite loci in rare minnow (Gobiocypris rarus) and amplification in closely related species in Gobioninae. Conservation Genetics, 2007, 8, 1003-1007.	1.5	30
61	Detection of hybridization between two loach species (Paramisgurnus dabryanus and Misgurnus) Tj ETQq1 1 0.784314 rgBT /Overloc	0.2	1
62	Isolation and characterization of polymorphic microsatellites in a Yangtze River fish, brass gudgeon (Coreius heterodon Bleeker). Molecular Ecology Notes, 2006, 6, 393-395.	1.7	6
63	Genetic diversity of common carp from two largest Chinese lakes and the Yangtze River revealed by microsatellite markers. Hydrobiologia, 2006, 568, 445-453.	2.0	24
64	Sox genes in grass carp (Ctenopharyngodon idella) with their implications for genome duplication and evolution. Genetics Selection Evolution, 2006, 38, 673-87.	3.0	4
65	Silver Carp, Hypophthalmichthys molitrix, in the Poyang Lake belong to the Ganjiang River Population Rather than the Changjiang River Population. Environmental Biology of Fishes, 2003, 68, 261-267.	1.0	9
66	Mitochondrial cytochrome oxidase I sequence divergence in some Chinese species of Charybdis (Crustacea: Decapoda: Portunidae). Biochemical Systematics and Ecology, 1999, 27, 461-468.	1.3	21