

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	A high-density genetic map and growth related QTL mapping in bighead carp (<i>Hypophthalmichthys</i>) Tj ETQq1 1 0.784314 rgBT/Overlock	3.3	96
2	Sex-specific markers developed by next-generation sequencing confirmed an XX/XY sex determination system in bighead carp (<i>Hypophthalmichthys nobilis</i>) and silver carp (<i>Hypophthalmichthys molitrix</i>). DNA Research, 2018, 25, 257-264.	3.4	69
3	A high-resolution genetic linkage map and QTL fine mapping for growth-related traits and sex in the Yangtze River common carp (<i>Cyprinus carpio haematopterus</i>). BMC Genomics, 2018, 19, 230.	2.8	67
4	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
5	Microsatellite Development for an Endangered Bream <i>Megalobrama pellegrini</i> (Teleostei, Cyprinidae) Using 454 Sequencing. International Journal of Molecular Sciences, 2012, 13, 3009-3021.	4.1	44
6	Development of novel EST-SSR markers in common carp by data mining from public EST sequences. Aquaculture, 2007, 271, 558-574.	3.5	43
7	Molecular characterization of myostatin (MSTN) gene and association analysis with growth traits in the bighead carp (<i>Aristichthys nobilis</i>). Molecular Biology Reports, 2012, 39, 9211-9221.	2.3	40
8	Detection of hybridization between two loach species (<i>Paramisgurnus dabryanus</i> and <i>Misgurnus</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.0	37
9	Polymorphisms in Myostatin Gene and Associations with Growth Traits in the Common Carp (<i>Cyprinus</i>) Tj ETQq1 1 0.784314 rgBT/Overlock	4.1	37
10	A High-Density Genetic Linkage Map and QTL Fine Mapping for Body Weight in Crucian Carp (<i>Carassius auratus</i>) Using 2b-RAD Sequencing. G3: Genes, Genomes, Genetics, 2017, 7, 2473-2487.	1.8	35
11	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
12	Characterization of novel microsatellite loci in rare minnow (<i>Gobiocypris rarus</i>) and amplification in closely related species in Gobioninae. Conservation Genetics, 2007, 8, 1003-1007.	1.5	30
13	Gynogenesis and sex determination in large-scale loach <i>Paramisgurnus dabryanus</i> (Sauvage). Aquaculture International, 2008, 16, 203-214.	2.2	27
14	A second generation genetic linkage map for silver carp (<i>Hypophthalmichthys molitrix</i>) using microsatellite markers. Aquaculture, 2013, 412-413, 97-106.	3.5	27
15	QTL fine mapping and identification of candidate genes for growth-related traits in bighead carp () Tj ETQq1 1 0.784314 rgBT/Overlock	3.5	26
16	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
17	A second generation genetic linkage map for bighead carp (<i>Aristichthys nobilis</i>) based on microsatellite markers. Animal Genetics, 2014, 45, 699-708.	1.7	23
18	Comparative mapping for bighead carp (<i>Aristichthys nobilis</i>) 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

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19	Fine mapping of growth-related quantitative trait loci in Yellow River carp (<i>Cyprinus carpio</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 15	3.5	23
20	Quantitative trait loci mapping for feed conversion efficiency in crucian carp (<i>Carassius auratus</i>). <i>Scientific Reports</i> , 2017, 7, 16971.	3.3	22
21	Mitochondrial cytochrome oxidase I sequence divergence in some Chinese species of <i>Charybdis</i> (Crustacea: Decapoda: Portunidae). <i>Biochemical Systematics and Ecology</i> , 1999, 27, 461-468.	1.3	21
22	Microsatellite diversity and population genetic structure of redbfin culter (<i>Culter erythropterus</i>) in fragmented lakes of the Yangtze River. <i>Hydrobiologia</i> , 2007, 586, 321-329.	2.0	20
23	Centromere Localization for Bighead Carp (<i>Aristichthys nobilis</i>) through Half-Tetrad Analysis in Diploid Gynogenetic Families. <i>PLoS ONE</i> , 2013, 8, e82950.	2.5	18
24	Comparative transcriptomic analysis of hypothalamus-pituitary-liver axis in bighead carp (<i>Hypophthalmichthys nobilis</i>) with differential growth rate. <i>BMC Genomics</i> , 2019, 20, 328.	2.8	17
25	Novel Single Nucleotide Polymorphisms of the Insulin-Like Growth Factor-I Gene and Their Associations with Growth Traits in Common Carp (<i>Cyprinus carpio</i> L.). <i>International Journal of Molecular Sciences</i> , 2014, 15, 22471-22482.	4.1	16
26	QTL Fine Mapping for Sex Determination Region in Bighead Carp (<i>Hypophthalmichthys nobilis</i>) and Comparison with Silver Carp (<i>Hypophthalmichthys molitrix</i>). <i>Marine Biotechnology</i> , 2020, 22, 41-53.	2.4	15
27	Cardiac Transcriptomics Reveals That MAPK Pathway Plays an Important Role in Hypoxia Tolerance in Bighead Carp (<i>Hypophthalmichthys nobilis</i>). <i>Animals</i> , 2020, 10, 1483.	2.3	15
28	Molecular characterization and expression of three preprosomatostatin genes and their association with growth in common carp (<i>Cyprinus carpio</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2015, 182, 37-46.	1.6	14
29	Transcriptomic Profiles of Brain Provide Insights into Molecular Mechanism of Feed Conversion Efficiency in Crucian Carp (<i>Carassius auratus</i>). <i>International Journal of Molecular Sciences</i> , 2018, 19, 858.	4.1	13
30	Development of microsatellite markers and genetic diversity in wild and cultured populations of black carp (<i>Mylopharyngodon piceus</i>) along the Yangtze River. <i>Aquaculture International</i> , 2020, 28, 1867-1882.	2.2	12
31	Development and Characterization of New Single Nucleotide Polymorphism Markers from Expressed Sequence Tags in Common Carp (<i>Cyprinus carpio</i>). <i>International Journal of Molecular Sciences</i> , 2012, 13, 7343-7353.	4.1	11
32	Development of 134 novel polynucleotide-repeat microsatellite markers in silver carp (<i>Hypophthalmichthys molitrix</i>). <i>Conservation Genetics Resources</i> , 2013, 5, 525-528.	0.8	11
33	Comparative transcriptomic analyses of two bighead carp (<i>Hypophthalmichthys nobilis</i>) groups with different growth rates. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2016, 20, 111-117.	1.0	10
34	Molecular cloning, expression pattern of follistatin gene and association analysis with growth traits in bighead carp (<i>Hypophthalmichthys nobilis</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2018, 218, 44-53.	1.6	10
35	Molecular characterization and expression regulation of the factor-inhibiting HIF-1 (FIH-1) gene under hypoxic stress in bighead carp (<i>Aristichthys nobilis</i>). <i>Fish Physiology and Biochemistry</i> , 2019, 45, 657-665.	2.3	10
36	Genome-wide association study reveals genomic regions and candidate genes for head size and shape in bighead carp (<i>Hypophthalmichthys nobilis</i>). <i>Aquaculture</i> , 2021, 539, 736648.	3.5	10

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37	Silver Carp, <i>Hypophthalmichthys molitrix</i> , in the Poyang Lake belong to the Ganjiang River Population Rather than the Changjiang River Population. <i>Environmental Biology of Fishes</i> , 2003, 68, 261-267.	1.0	9
38	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 (<i>Hypophthalmichthys nobilis</i>). <i>Frontiers in Genetics</i> , 2020, 11, 603454.	2.3	9
39	Development of 159 transcript-associated microsatellite markers in silver carp (<i>Hypophthalmichthys</i>) Tj ETQq1 1 0.784314 rgBT /Ove 0.8	0.8	8
40	Transcriptome sequencing provides insights into the mechanism of hypoxia adaption in bighead carp (<i>Hypophthalmichthys nobilis</i>). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 40, 100891.	1.0	8
41	Characterization of the mitochondrial genome of <i>Megalobrama terminalis</i> in the Heilong River and a clearer phylogeny of the genus <i>Megalobrama</i> . <i>Scientific Reports</i> , 2019, 9, 8509.	3.3	7
42	Brain and intestine transcriptome analyses and identification of genes involved in feed conversion efficiency of Yellow River carp (<i>Cyprinus carpio haematopterus</i>). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 29, 221-227.	1.0	7
43	Isolation and characterization of polymorphic microsatellites in a Yangtze River fish, brass gudgeon (<i>Coreius heterodon</i> Bleeker). <i>Molecular Ecology Notes</i> , 2006, 6, 393-395.	1.7	6
44	Development of EST-SSRs by an Efficient FIASCO-Based Strategy: A Case Study in Rare Minnow (<i>Gobiocypris Rarus</i>). <i>Animal Biotechnology</i> , 2007, 18, 143-152.	1.5	6
45	Isolation and characterization of 15 polymorphic microsatellite markers for comb pen shell (<i>Atrina pectinata</i>). <i>Aquaculture Research</i> , 2010, 41, e703.	1.8	6
46	Microsatellite-centromere mapping in bighead carp (<i>Aristichthys nobilis</i>) using gynogenetic diploid families. <i>Aquaculture Research</i> , 2013, 44, 1470-1488.	1.8	6
47	Molecular Characterization and Growth Association of Two Apolipoprotein A-Ib Genes in Common Carp (<i>Cyprinus carpio</i>). <i>International Journal of Molecular Sciences</i> , 2016, 17, 1569.	4.1	6
48	Polymorphisms in the Myostatin-1 gene and their association with growth traits in <i>Ancherythroculter nigrocauda</i> . <i>Chinese Journal of Oceanology and Limnology</i> , 2017, 35, 597-602.	0.7	6
49	Construction of a high-density genetic linkage map and mapping of quantitative trait loci for growth-related traits in silver carp (<i>Hypophthalmichthys molitrix</i>). <i>Scientific Reports</i> , 2019, 9, 17506.	3.3	6
50	Genomic polymorphisms at the chrh2 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
51	Microsatellite-centromere mapping in common carp through half-tetrad analysis in diploid meiogynogenetic families. <i>Chromosoma</i> , 2015, 124, 67-79.	2.2	5
52	Meiotic gynogenesis with heterologous sperm in the mandarin fish <i>Siniperca chuatsi</i> and evidence for female homogamety. <i>Aquaculture Research</i> , 2019, 50, 3286-3294.	1.8	5
53	Updated Genome Assembly of Bighead Carp (<i>Hypophthalmichthys nobilis</i>) and Its Differences Between Male and Female on Genomic, Transcriptomic, and Methylation Level. <i>Frontiers in Genetics</i> , 2021, 12, 728177.	2.3	5
54	Two generations of meiotic gynogenesis significantly elevate homogeneity and confirm genetic mode of sex determination in bighead carp (<i>Hypophthalmichthys nobilis</i>). <i>Aquaculture</i> , 2022, 547, 737461.	3.5	5

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55	Sox genes in grass carp (<i>Ctenopharyngodon idella</i>) with their implications for genome duplication and evolution. <i>Genetics Selection Evolution</i> , 2006, 38, 673-87.	3.0	4
56	Dynamic mRNA and miRNA expression of the head during early development in bighead carp (<i>Hypophthalmichthys nobilis</i>). <i>BMC Genomics</i> , 2022, 23, 168.	2.8	4
57	Development of 201 tri- and tetra-nucleotide repeat microsatellites for bighead carp (<i>Aristichthys</i>) Tj ETQq1 1 0.784314 rgBT ₃ /Overlock 1	0.8	1
58	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
59	Characterization and phylogenetic analysis of the complete mitochondrial genome from Rock Scallop (<i>Crassadoma gigantea</i>) using next-generation sequencing. <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 827-828.	0.4	2
60	Genetic Differentiation of an Endangered <i>Megalobrama terminalis</i> Population in the Heilong River within the Genus <i>Megalobrama</i> . <i>Diversity</i> , 2020, 12, 404.	1.7	2
61	Comparative transcriptome analyses and identification of candidate genes involved in vertebral abnormality of bighead carp <i>Hypophthalmichthys nobilis</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020, 36, 100752.	1.0	2
62	Threatened fishes of the world: <i>Luciobrama macrocephalus</i> (cyprinidae). <i>Environmental Biology of Fishes</i> , 2010, 89, 187-188.	1.0	1
63	Development and characterization of novel microsatellite markers in yellowcheck (<i>Elopichthys</i>) Tj ETQq1 1 0.784314 rgBT ₁ /Overlock 1	0.8	1
64	Construction of the first high-density genetic map for growth related QTL analysis in <i>Ancherythroculter nigrocauda</i> . <i>Journal of Oceanology and Limnology</i> , 2021, 39, 1118-1130.	1.3	1
65	Detection of hybridization between two loach species (<i>Paramisgurnus dabryanus</i> and <i>Misgurnus</i>) Tj ETQq1 1 0.784314 rgBT ₁ /Overlock 1	0.2	1
66	Isolation and characterization of single nucleotide polymorphisms in the common carp (<i>Cyprinus</i>) Tj ETQq0 0 0 rgBT ₀ /Overlock 10 Tf 50	0.8	0