

Yong-Hua Sun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2092562/publications.pdf>

Version: 2024-02-01

79
papers

1,693
citations

304701

22
h-index

345203

36
g-index

91
all docs

91
docs citations

91
times ranked

1889
citing authors

#	ARTICLE	IF	CITATIONS
1	The allotetraploid origin and asymmetrical genome evolution of the common carp <i>Cyprinus carpio</i> . <i>Nature Communications</i> , 2019, 10, 4625.	12.8	156
2	Cytoplasmic Impact on Cross-Genus Cloned Fish Derived from Transgenic Common Carp (<i>Cyprinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 510-515.	2.7	88
3	Genetic analysis of "all-fish" growth hormone gene transferred carp (<i>Cyprinus carpio</i> L.) and its F1 generation. <i>Science Bulletin</i> , 2001, 46, a1-a4.	1.7	64
4	Direct Phosphorylation and Stabilization of MYC by Aurora B Kinase Promote T-cell Leukemogenesis. <i>Cancer Cell</i> , 2020, 37, 200-215.e5.	16.8	63
5	Zebrafish <i>cyp11c1</i> Knockout Reveals the Roles of 11-ketotestosterone and Cortisol in Sexual Development and Reproduction. <i>Endocrinology</i> , 2020, 161, .	2.8	62
6	Abundance of Early Embryonic Primordial Germ Cells Promotes Zebrafish Female Differentiation as Revealed by Lifetime Labeling of Germline. <i>Marine Biotechnology</i> , 2019, 21, 217-228.	2.4	55
7	Graphene-Based Anticancer Nanosystem and Its Biosafety Evaluation Using a Zebrafish Model. <i>Biomacromolecules</i> , 2013, 14, 358-366.	5.4	54
8	Eaf1 and Eaf2 negatively regulate canonical Wnt/ β -catenin signaling. <i>Development (Cambridge)</i> , 2013, 140, 1067-1078.	2.5	54
9	Embryonic and genetic manipulation in fish. <i>Cell Research</i> , 2000, 10, 17-27.	12.0	51
10	Tissue-specific derepression of TCF/LEF controls the activity of the Wnt/ β -catenin pathway. <i>Nature Communications</i> , 2014, 5, 5368.	12.8	48
11	Efficient RNA interference in zebrafish embryos using siRNA synthesized with SP6 RNA polymerase. <i>Development Growth and Differentiation</i> , 2005, 47, 323-331.	1.5	45
12	The Germ Cell Nuclear Proteins hnRNP G-T and RBMY Activate a Testis-Specific Exon. <i>PLoS Genetics</i> , 2009, 5, e1000707.	3.5	37
13	High efficient gene targeting in rice field eel <i>Monopterus albus</i> by transcription activator-like effector nucleases. <i>Science Bulletin</i> , 2017, 62, 162-164.	9.0	32
14	Systematic genome editing of the genes on zebrafish Chromosome 1 by CRISPR/Cas9. <i>Genome Research</i> , 2020, 30, 118-126.	5.5	32
15	Growth hormone gene transfer in common carp. <i>Aquatic Living Resources</i> , 2003, 16, 416-420.	1.2	31
16	Zebrafish GAPDH can be used as a reference gene for expression analysis in cross-subfamily cloned embryos. <i>Analytical Biochemistry</i> , 2007, 363, 291-293.	2.4	31
17	Double Transgenesis of Humanized fat1 and fat2 Genes Promotes Omega-3 Polyunsaturated Fatty Acids Synthesis in a Zebrafish Model. <i>Marine Biotechnology</i> , 2014, 16, 580-593.	2.4	31
18	Efficient ligase 3-dependent microhomology-mediated end joining repair of DNA double-strand breaks in zebrafish embryos. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015, 780, 86-96.	1.0	31

#	ARTICLE	IF	CITATIONS
19	Transcriptional Factors Smad1 and Smad9 Act Redundantly to Mediate Zebrafish Ventral Specification Downstream of Smad5. <i>Journal of Biological Chemistry</i> , 2014, 289, 6604-6618.	3.4	30
20	Solid Matrix-Supported Supercritical CO ₂ Enhances Extraction of ¹³ C-Linolenic Acid from the Cyanobacterium <i>Arthrospira (Spirulina) platensis</i> and Bioactivity Evaluation of the Molecule in Zebrafish. <i>Marine Drugs</i> , 2019, 17, 203.	4.6	26
21	Efficient generation of zebrafish maternal-zygotic mutants through transplantation of ectopically induced and Cas9/gRNA targeted primordial germ cells. <i>Journal of Genetics and Genomics</i> , 2020, 47, 37-47.	3.9	26
22	Targeted Expression in Zebrafish Primordial Germ Cells by Cre/loxP and Gal4/UAS Systems. <i>Marine Biotechnology</i> , 2013, 15, 526-539.	2.4	25
23	Gnrh3 Regulates PGC Proliferation and Sex Differentiation in Developing Zebrafish. <i>Endocrinology</i> , 2020, 161, .	2.8	25
24	Elovl2 But Not Elovl5 Is Essential for the Biosynthesis of Docosahexaenoic Acid (DHA) in Zebrafish: Insight from a Comparative Gene Knockout Study. <i>Marine Biotechnology</i> , 2020, 22, 613-619.	2.4	24
25	Identification of Differentially Expressed Genes Between Cloned and Zygote-Developing Zebrafish (<i>Danio rerio</i>) Embryos at the Dome Stage Using Suppression Subtractive Hybridization 1. <i>Biology of Reproduction</i> , 2009, 80, 674-684.	2.7	23
26	A second-generation genetic linkage map for bighead carp (<i>Aristichthys nobilis</i>) based on microsatellite markers. <i>Animal Genetics</i> , 2014, 45, 699-708.	1.7	23
27	Evaluating estrogenic and anti-estrogenic effect of endocrine disrupting chemicals (EDCs) by zebrafish (<i>Danio rerio</i>) embryo-based vitellogenin 1 (vtg1) mRNA expression. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 204, 45-50.	2.6	23
28	Characterization of cDNA encoding immunoglobulin light chain of the mandarin fish (<i>Siniperca</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	1.2	21
29	Fish genome manipulation and directional breeding. <i>Science China Life Sciences</i> , 2015, 58, 170-177.	4.9	21
30	Deficiency of lrp4 in zebrafish and human LRP4 mutation induce aberrant activation of Jagged-Notch signaling in fin and limb development. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 163-178.	5.4	21
31	Depletion of suppressor of cytokine signaling-1a causes hepatic steatosis and insulin resistance in zebrafish. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E849-E859.	3.5	20
32	Marcksb plays a key role in the secretory pathway of zebrafish Bmp2b. <i>PLoS Genetics</i> , 2019, 15, e1008306.	3.5	19
33	A Novel Dietary Source of EPA and DHA: Metabolic Engineering of an Important Freshwater Species-Common Carp by fat1-Transgenesis. <i>Marine Biotechnology</i> , 2019, 21, 171-185.	2.4	19
34	Surrogate production of genome-edited sperm from a different subfamily by spermatogonial stem cell transplantation. <i>Science China Life Sciences</i> , 2022, 65, 969-987.	4.9	19
35	Characterization of transgene integration pattern in F4 hGH-transgenic common carp (<i>Cyprinus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 12.0 18	12.0	18
36	Activation of GH signaling and GH-independent stimulation of growth in zebrafish by introduction of a constitutively activated GHR construct. <i>Transgenic Research</i> , 2011, 20, 557-567.	2.4	18

#	ARTICLE	IF	CITATIONS
37	Stat3 Regulates Liver Progenitor Cell-Driven Liver Regeneration in Zebrafish. <i>Gene Expression</i> , 2018, 18, 157-170.	1.2	18
38	Designing future farmed fishes using genome editing. <i>Science China Life Sciences</i> , 2019, 62, 420-422.	4.9	18
39	Identification of differentially expressed genes from the cross-subfamily cloned embryos derived from zebrafish nuclei and rare minnow enucleated eggs. <i>Theriogenology</i> , 2007, 68, 1282-1291.	2.1	17
40	<i>Cyp11a2</i> Is Essential for Oocyte Development and Spermatogonial Stem Cell Differentiation in Zebrafish. <i>Endocrinology</i> , 2022, 163, .	2.8	16
41	Knock down of <i>gfp</i> and <i>no tail</i> expression in zebrafish embryo by in vivo-transcribed short hairpin RNA with T7 plasmid system. <i>Journal of Biomedical Science</i> , 2007, 14, 767-776.	7.0	15
42	Identification and characterization of a novel gene differentially expressed in zebrafish cross-subfamily cloned embryos. <i>BMC Developmental Biology</i> , 2008, 8, 29.	2.1	15
43	Analysis of the APETALA3- and PISTILLATA-like genes in <i>Hedyosmum orientale</i> (Chloranthaceae) provides insight into the evolution of the floral homeotic B-function in angiosperms. <i>Annals of Botany</i> , 2013, 112, 1239-1251.	2.9	15
44	MYC2-Activated <i>TRICHOME BIREFRINGENCE-LIKE37</i> Acetylates Cell Walls and Enhances Herbivore Resistance. <i>Plant Physiology</i> , 2020, 184, 1083-1096.	4.8	15
45	Transcriptional Activity and DNA Methylation Dynamics of the Gal4/UAS System in Zebrafish. <i>Marine Biotechnology</i> , 2015, 17, 593-603.	2.4	14
46	Nanog safeguards early embryogenesis against global activation of maternal β -catenin activity by interfering with TCF factors. <i>PLoS Biology</i> , 2020, 18, e3000561.	5.6	14
47	Inhibition of <i>no tail</i> (<i>ntl</i>) gene expression in zebrafish by external guide sequence (EGS) technique. <i>Molecular Biology Reports</i> , 2008, 35, 139-143.	2.3	13
48	Cross-species cloning: influence of cytoplasmic factors on development. <i>Journal of Physiology</i> , 2014, 592, 2375-2379.	2.9	13
49	Comparative expression of zebrafish <i>lats1</i> and <i>lats2</i> and their implication in gastrulation movements. <i>Developmental Dynamics</i> , 2009, 238, 2850-2859.	1.8	12
50	A critical role of <i>foxp3a</i> -positive regulatory T cells in maintaining immune homeostasis in zebrafish testis development. <i>Journal of Genetics and Genomics</i> , 2020, 47, 547-561.	3.9	12
51	Sequences of Transgene Insertion Sites in Transgenic F4 Common Carp. <i>Transgenic Research</i> , 2004, 13, 95-96.	2.4	10
52	Molecular characterization of common carp (<i>Cyprinus carpio</i>) Sonic Hedgehog and discovery of its maternal expression. <i>Development Genes and Evolution</i> , 2007, 217, 299-305.	0.9	7
53	Growing with the world: rapid development of the zebrafish research in China and the China Zebrafish Resource Center. <i>Science China Life Sciences</i> , 2015, 58, 396-399.	4.9	7
54	The onset of foreign gene transcription in nuclear-transferred embryos of fish. <i>Science in China Series C: Life Sciences</i> , 2000, 43, 597-605.	1.3	6

#	ARTICLE	IF	CITATIONS
55	Time course of foreign gene integration and expression in transgenic fish embryos. <i>Science Bulletin</i> , 2000, 45, 734-739.	1.7	6
56	Zebrafish Health Conditions in the China Zebrafish Resource Center and 20 Major Chinese Zebrafish Laboratories. <i>Zebrafish</i> , 2016, 13, S-8-S-18.	1.1	6
57	Next-generation sequencing in thymic epithelial tumors uncovered novel genomic aberration sites and strong correlation between TMB and MSH6 single nucleotide variations. <i>Cancer Letters</i> , 2020, 476, 75-86.	7.2	6
58	Construction of cytoplasmic molecular markers distinguishing <i>Danio rerio</i> from <i>Gobiocypris rarus</i> at high identity domains based on MP-PCR strategy and Sybr Green I detection. <i>Molecular Biology Reports</i> , 2008, 35, 45-50.	2.3	5
59	Identification of differential transcript profiles between mutual crossbred embryos of zebrafish (<i>Danio rerio</i>) and Chinese rare minnow (<i>Gobiocypris rarus</i>) by cDNA-AFLP. <i>Theriogenology</i> , 2008, 70, 1525-1535.	2.1	5
60	A landscape of differentiated biological processes involved in the initiation of sex differentiation in zebrafish. , 2022, 1, 100059.		5
61	Upstream Regulatory Region of Zebrafish lunatic fringe: Isolation and Promoter Analysis. <i>Marine Biotechnology</i> , 2006, 8, 357-365.	2.4	4
62	Cloning and characterization of cytochrome c oxidase subunit I (COXI) in <i>Gobiocypris rarus</i> . <i>DNA Sequence</i> , 2007, 18, 1-8.	0.7	4
63	Sin3-dependent histone deacetylation is essential for primordial germ cell specification. <i>EMBO Reports</i> , 2022, 23, e54387.	4.5	4
64	Cloning, characterization and promoter analysis of common carp hairy/E enhancer-of-split-related gene, her6. <i>Journal of Genetics</i> , 2006, 85, 171-178.	0.7	3
65	Subtractive phage display technology identifies zebrafish marcksb that is required for gastrulation. <i>Gene</i> , 2013, 521, 69-77.	2.2	3
66	Nanog suppresses the expression of vasa by directly regulating nlk1 in the early zebrafish embryo. <i>Biochimie</i> , 2017, 142, 93-101.	2.6	3
67	Manipulating and Visualizing the with Transgenic Lines. <i>Methods in Molecular Biology</i> , 2021, 2218, 265-276.	0.9	3
68	Induction of biosynthesis of ketocarotenoid from β -carotene in fish embryos. <i>Aquaculture</i> , 2021, 542, 736863.	3.5	3
69	A zebrafish ppar β gene deletion reveals a protein kinase network associated with defective lipid metabolism. <i>Functional and Integrative Genomics</i> , 2022, 22, 435-450.	3.5	3
70	Identification of a novel gene K23 over-expressed in fish cross-subfamily cloned embryos. <i>Molecular Biology Reports</i> , 2009, 36, 1375-1380.	2.3	2
71	Cloning of rainbow trout (<i>Oncorhynchus mykiss</i>) histone H3 promoter and the activity analysis in rare minnow (<i>Gobiocypris rarus</i>)*. <i>Progress in Natural Science: Materials International</i> , 2004, 14, 322-326.	4.4	1
72	Cloning and analysis of 16 Rab genes from macronuclear DNA of <i>Euplotes octocarinatus</i> . <i>DNA Sequence</i> , 2005, 16, 260-265.	0.7	0

#	ARTICLE	IF	CITATIONS
73	å½â®æ-é©-é±¼èµ,,æ°ä,â¿fç®€ä»«. Yi Chuan = Hereditas / Zhongguo Yi Chuan Xue Hui Bian Ji, 2013, 35, 549-550.		0
74	Title is missing!. , 2020, 18, e3000561.		0
75	Title is missing!. , 2020, 18, e3000561.		0
76	Title is missing!. , 2020, 18, e3000561.		0
77	Title is missing!. , 2020, 18, e3000561.		0
78	Title is missing!. , 2020, 18, e3000561.		0
79	Title is missing!. , 2020, 18, e3000561.		0