

Gang Zhai

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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759233

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#	ARTICLE	IF	CITATIONS
1	Genomic polymorphisms at the <i>chr2</i> 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
2	Successful Production of an All-Female Common Carp (<i>Cyprinus carpio</i> L.) Population Using <i>cyp17a1</i> -Deficient Neomale Carp. <i>Engineering</i> , 2022, 8, 181-189.	6.7	19
3	Augmentation of progesterin signaling rescues testis organization and spermatogenesis in zebrafish with the depletion of androgen signaling. <i>ELife</i> , 2022, 11, .	6.0	14
4	Sex-specific differences in zebrafish brains. <i>Biology of Sex Differences</i> , 2022, 13, .	4.1	7
5	<i>Rbm46</i> , a novel germ cell-specific factor, modulates meiotic progression and spermatogenesis. <i>Biology of Reproduction</i> , 2021, 104, 1139-1153.	2.7	13
6	Functions of the Thyroid-Stimulating Hormone on Key Developmental Features Revealed in a Series of Zebrafish Dysmorphogenesis Models. <i>Cells</i> , 2021, 10, 1984.	4.1	13
7	Hyperandrogenism in <i>POMCa</i> -deficient zebrafish enhances somatic growth without increasing adiposity. <i>Journal of Molecular Cell Biology</i> , 2020, 12, 291-304.	3.3	20
8	Deletion of <i>narfl</i> leads to increased oxidative stress mediated abnormal angiogenesis and digestive organ defects in zebrafish. <i>Redox Biology</i> , 2020, 28, 101355.	9.0	8
9	Zebrafish <i>cyp17a1</i> knockout reveals that androgen-mediated signaling is important for male brain sex differentiation. <i>General and Comparative Endocrinology</i> , 2020, 295, 113490.	1.8	20
10	Steroidogenic acute regulatory protein and luteinizing hormone are required for normal ovarian steroidogenesis and oocyte maturation in zebrafish. <i>Biology of Reproduction</i> , 2019, 101, 760-770.	2.7	29
11	Depletion of Tissue-Specific Ion Transporters Causes Differential Expression of PRL Targets in Response to Increased Levels of Endogenous PRL. <i>Frontiers in Endocrinology</i> , 2018, 9, 683.	3.5	2
12	Characterization of Sexual Trait Development in <i>cyp17a1</i> -Deficient Zebrafish. <i>Endocrinology</i> , 2018, 159, 3549-3562.	2.8	71
13	Different physiological roles of insulin receptors in mediating nutrient metabolism in zebrafish. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E38-E51.	3.5	36
14	Different roles of insulin receptor α and β in maintaining blood glucose homeostasis in zebrafish. <i>General and Comparative Endocrinology</i> , 2018, 269, 33-45.	1.8	14
15	Depletion of insulin receptors leads to β -cell hyperplasia in zebrafish. <i>Science Bulletin</i> , 2017, 62, 486-492.	9.0	12
16	LRH-1 senses signaling from phosphatidylcholine to regulate the expansion growth of digestive organs via synergy with Wnt/ β -catenin signaling in zebrafish. <i>Journal of Genetics and Genomics</i> , 2017, 44, 307-317.	3.9	13
17	Fatty Acid Oxidation in Zebrafish Adipose Tissue Is Promoted by $1\alpha,25(\text{OH})_2\text{D}_3$. <i>Cell Reports</i> , 2017, 19, 1444-1455.	6.4	75
18	Androgen signaling regulates the transcription of anti-Müllerian hormone via synergy with SRY-related protein SOX9A. <i>Science Bulletin</i> , 2017, 62, 197-203.	9.0	28

#	ARTICLE	IF	CITATIONS
19	Tdrd12 Is Essential for Germ Cell Development and Maintenance in Zebrafish. International Journal of Molecular Sciences, 2017, 18, 1127.	4.1	17
20	Deletion of Pr130 Interrupts Cardiac Development in Zebrafish. International Journal of Molecular Sciences, 2016, 17, 1746.	4.1	12
21	Hyperplasia and Cellularity Changes in IGF-1-Overexpressing Skeletal Muscle of Crucian Carp. Endocrinology, 2014, 155, 2199-2212.	2.8	23
22	Characterization of the Interrenal Gland and Sexual Traits Development in cyp17a2-Deficient Zebrafish. Frontiers in Endocrinology, 0, 13, .	3.5	4