

# 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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citations

759233

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Fatty Acid Oxidation in Zebrafish Adipose Tissue Is Promoted by 1 $\alpha$ ,25(OH) $_2$ D $_3$ . Cell Reports, 2017, 19, 1444-1455.	6.4	75
2	Characterization of Sexual Trait Development in cyp17a1-Deficient Zebrafish. Endocrinology, 2018, 159, 3549-3562.	2.8	71
3	Different physiological roles of insulin receptors in mediating nutrient metabolism in zebrafish. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E38-E51.	3.5	36
4	Steroidogenic acute regulatory protein and luteinizing hormone are required for normal ovarian steroidogenesis and oocyte maturation in zebrafish. Biology of Reproduction, 2019, 101, 760-770.	2.7	29
5	Androgen signaling regulates the transcription of anti-M $\mu$ llerian hormone via synergy with SRY-related protein SOX9A. Science Bulletin, 2017, 62, 197-203.	9.0	28
6	Hyperplasia and Cellularity Changes in IGF-1-Overexpressing Skeletal Muscle of Crucian Carp. Endocrinology, 2014, 155, 2199-2212.	2.8	23
7	Hyperandrogenism in POMCa-deficient zebrafish enhances somatic growth without increasing adiposity. Journal of Molecular Cell Biology, 2020, 12, 291-304.	3.3	20
8	Zebrafish cyp17a1 knockout reveals that androgen-mediated signaling is important for male brain sex differentiation. General and Comparative Endocrinology, 2020, 295, 113490.	1.8	20
9	Successful Production of an All-Female Common Carp (Cyprinus carpio L.) Population Using cyp17a1-Deficient Neomale Carp. Engineering, 2022, 8, 181-189.	6.7	19
10	Tdrd12 Is Essential for Germ Cell Development and Maintenance in Zebrafish. International Journal of Molecular Sciences, 2017, 18, 1127.	4.1	17
11	Different roles of insulin receptor a and b in maintaining blood glucose homeostasis in zebrafish. General and Comparative Endocrinology, 2018, 269, 33-45.	1.8	14
12	Augmentation of progestin signaling rescues testis organization and spermatogenesis in zebrafish with the depletion of androgen signaling. ELife, 2022, 11, .	6.0	14
13	LRH-1 senses signaling from phosphatidylcholine to regulate the expansion growth of digestive organs via synergy with Wnt/ $\beta$ -catenin signaling in zebrafish. Journal of Genetics and Genomics, 2017, 44, 307-317.	3.9	13
14	Rbm46, a novel germ cell-specific factor, modulates meiotic progression and spermatogenesis. Biology of Reproduction, 2021, 104, 1139-1153.	2.7	13
15	Functions of the Thyroid-Stimulating Hormone on Key Developmental Features Revealed in a Series of Zebrafish Dys hormonogenesis Models. Cells, 2021, 10, 1984.	4.1	13
16	Deletion of Pr130 Interrupts Cardiac Development in Zebrafish. International Journal of Molecular Sciences, 2016, 17, 1746.	4.1	12
17	Depletion of insulin receptors leads to $\beta$ -cell hyperplasia in zebrafish. Science Bulletin, 2017, 62, 486-492.	9.0	12
18	Deletion of narfl leads to increased oxidative stress mediated abnormal angiogenesis and digestive organ defects in zebrafish. Redox Biology, 2020, 28, 101355.	9.0	8

#	ARTICLE	IF	CITATIONS
19	Sex-specific differences in zebrafish brains. <i>Biology of Sex Differences</i> , 2022, 13, .	4.1	7
20	Genomic polymorphisms at the <i>crhr2</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
21	Characterization of the Interrenal Gland and Sexual Traits Development in <i>cyp17a2</i> -Deficient Zebrafish. <i>Frontiers in Endocrinology</i> , 0, 13, .	3.5	4
22	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