Long Zhao

List of Publications by Year
in descending order

22 papers	1,253 citations	471509 17 h-index	677142 22 g-index
23 all docs	23 docs citations	23 times ranked	2142 citing authors

#	Article	IF	Citations
1	Nerves Regulate Cardiomyocyte Proliferation and Heart Regeneration. Developmental Cell, 2015, 34, 387-399.	7.0	217
2	Notch signaling regulates cardiomyocyte proliferation during zebrafish heart regeneration. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1403-1408.	7.1	216
3	Chemokine-Guided Angiogenesis Directs Coronary Vasculature Formation in Zebrafish. Developmental Cell, 2015, 33, 442-454.	7.0	117
4	Endocardial Notch Signaling Promotes Cardiomyocyte Proliferation in the Regenerating Zebrafish Heart through Wnt Pathway Antagonism. Cell Reports, 2019, 26, 546-554.e5.	6.4	95
5	The miR-143-<i>adducin3</i> pathway is essential for cardiac chamber morphogenesis. Development (Cambridge), 2010, 137, 1887-1896.	2.5	87
6	Coordinating cardiomyocyte interactions to direct ventricular chamber morphogenesis. Nature, 2016, 534, 700-704.	27.8	75
7	Production, purification, and characterization of an intracellular aflatoxin-detoxifizyme from Armillariella tabescens (E-20). Food and Chemical Toxicology, 2001, 39, 461-466.	3.6	65
8	Biodiversity-based development and evolution: the emerging research systems in model and non-model organisms. Science China Life Sciences, 2021, 64, 1236-1280.	4.9	60
9	Heart-specific isoform of tropomyosin4 is essential for heartbeat in zebrafish embryos. Cardiovascular Research, 2008, 80, 200-208.	3.8	43
10	Notch1 acts via Foxc2 to promote definitive hematopoiesis via effects on hemogenic endothelium. Blood, 2015, 125, 1418-1426.	1.4	40
11	The AP-1 transcription factor component Fosl2 potentiates the rate of myocardial differentiation from the zebrafish second heart field. Development (Cambridge), 2016, 143, 113-122.	2.5	36
12	Hemodynamic-mediated endocardial signaling controls in vivo myocardial reprogramming. ELife, 2019, 8, .	6.0	30
13	Both foxj1a and foxj1b are implicated in leftâ€“right asymmetric development in zebrafish embryos. Biochemical and Biophysical Research Communications, 2009, 380, 537-542.	2.1	29
14	A zebrafish gene trap line expresses GFP recapturing expression pattern of foxj1b. Journal of Genetics and Genomics, 2009, 36, 581-589.	3.9	25
15	Loss of Zygotic NUP107 Protein Causes Missing of Pharyngeal Skeleton and Other Tissue Defects with Impaired Nuclear Pore Function in Zebrafish Embryos. Journal of Biological Chemistry, 2012, 287, 38254-38264.	3.4	23
16	Interruption of cenph Causes Mitotic Failure and Embryonic Death, and Its Haploinsufficiency Suppresses Cancer in Zebrafish. Journal of Biological Chemistry, 2010, 285, 27924-27934.	3.4	21
17	The interaction of Notch and Wnt signaling pathways in vertebrate regeneration. Cell Regeneration, 2021, 10, 11.	2.6	20
18	The emerging roles of phosphatases in Hedgehog pathway. Cell Communication and Signaling, 2017, 15, 35.	6.5	19

#	Article	IF	Citations
19	Regulation of Drosophila Hematopoiesis in Lymph Gland: From a Developmental Signaling Point of View. International Journal of Molecular Sciences, 2020, 21, 5246.	4.1	12
20	PpV, acting via the JNK pathway, represses apoptosis during normal development of Drosophila wing. Apoptosis: an International Journal on Programmed Cell Death, 2018, 23, 554-562.	4.9	8
21	A Highly Selective Turn-on Fluorescent Probe for the Detection of Aluminum and Its Application to Bio-Imaging. Sensors, 2019, 19, 2423.	3.8	7
22	JNK Signaling in Drosophila Aging and Longevity. International Journal of Molecular Sciences, 2021, 22, 9649.	4.1	6