

Ruilin Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

996
citations

516710

16
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501196

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32
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32
docs citations

32
times ranked

1640
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Ankfn1</i> -mutant vestibular defects require loss of both ancestral and derived paralogs for penetrance in zebrafish. <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	1.8	0
2	Knockout of Shelterin subunit genes in zebrafish results in distinct outcomes. <i>Biochemical and Biophysical Research Communications</i> , 2022, 617, 22-29.	2.1	1
3	The roles and activation of endocardial Notch signaling in heart regeneration. <i>Cell Regeneration</i> , 2021, 10, 3.	2.6	9
4	Recent Application of Zebrafish Models in Atherosclerosis Research. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 643697.	3.7	12
5	Zebrafish as an animal model for the antiviral RNA interference pathway. <i>Journal of General Virology</i> , 2021, 102, .	2.9	3
6	Inhibition of TGF- β 2/Smad3 Signaling Disrupts Cardiomyocyte Cell Cycle Progression and Epithelial-Mesenchymal Transition-Like Response During Ventricle Regeneration. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 632372.	3.7	8
7	Hemodynamic Forces Regulate Cardiac Regeneration-Responsive Enhancer Activity during Ventricle Regeneration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3945.	4.1	7
8	BMP and Notch Signaling Pathways differentially regulate Cardiomyocyte Proliferation during Ventricle Regeneration. <i>International Journal of Biological Sciences</i> , 2021, 17, 2157-2166.	6.4	11
9	Identification of novel candidate genes in heterotaxy syndrome patients with congenital heart diseases by whole exome sequencing. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165906.	3.8	18
10	Functional alterations and transcriptomic changes during zebrafish cardiac aging. <i>Biogerontology</i> , 2020, 21, 637-652.	3.9	10
11	Genome-wide screening of functional long noncoding RNAs in the epicardial adipose tissues of atrial fibrillation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165757.	3.8	26
12	Identification of rare variants in novel candidate genes in pulmonary atresia patients by next generation sequencing. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 381-392.	4.1	10
13	Primary cilia mediate Klf2-dependant Notch activation in regenerating heart. <i>Protein and Cell</i> , 2020, 11, 433-445.	11.0	22
14	Canonical Wnt5b Signaling Directs Outlying Nkx2.5+ Mesoderm into Pacemaker Cardiomyocytes. <i>Developmental Cell</i> , 2019, 50, 729-743.e5.	7.0	58
15	Zebrafish cysteine and glycine-rich protein 3 is essential for mechanical stability in skeletal muscles. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 604-611.	2.1	7
16	Efficacy of Montanide α , ISA 763 A VG as aquatic adjuvant administrated with an inactivated <i>Vibrio harveyi</i> vaccine in turbot (<i>Scophthalmus maximus</i> L.). <i>Fish and Shellfish Immunology</i> , 2019, 84, 56-61.	3.6	33
17	Hemodynamic-mediated endocardial signaling controls in vivo myocardial reprogramming. <i>ELife</i> , 2019, 8, .	6.0	30
18	Secretory expression and scale-up production of recombinant human thyroid peroxidase via baculovirus/insect cell system in a wave-type bioreactor. <i>Protein Expression and Purification</i> , 2018, 149, 7-12.	1.3	7

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19	Sensing of cytosolic LPS through casp2 pyrin domain mediates noncanonical inflammasome activation in zebrafish. <i>Nature Communications</i> , 2018, 9, 3052.	12.8	49
20	Acetylation promotes TyrRS nuclear translocation to prevent oxidative damage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 687-692.	7.1	59
21	Coordinating cardiomyocyte interactions to direct ventricular chamber morphogenesis. <i>Nature</i> , 2016, 534, 700-704.	27.8	75
22	The atypical Rho GTPase, RhoU, regulates cell-adhesion molecules during cardiac morphogenesis. <i>Developmental Biology</i> , 2014, 389, 182-191.	2.0	19
23	In vivo cardiac reprogramming contributes to zebrafish heart regeneration. <i>Nature</i> , 2013, 498, 497-501.	27.8	229
24	Depletion of zebrafish Tcap leads to muscular dystrophy via disrupting sarcomere membrane interaction, not sarcomere assembly. <i>Human Molecular Genetics</i> , 2009, 18, 4130-4140.	2.9	89
25	Transient and transgenic analysis of the zebrafish ventricular myosin heavy chain (<i>vmhc</i>) promoter: An inhibitory mechanism of ventricle-specific gene expression. <i>Developmental Dynamics</i> , 2009, 238, 1564-1573.	1.8	27
26	Myofibrillogenesis in the developing zebrafish heart: A functional study of <i>tnnt2</i> . <i>Developmental Biology</i> , 2009, 331, 237-249.	2.0	59
27	Cardiac Hypertrophy Involves Both Myocyte Hypertrophy and Hyperplasia in Anemic Zebrafish. <i>PLoS ONE</i> , 2009, 4, e6596.	2.5	77
28	Wnt3a Regulates the Development of Cardiac Neural Crest Cells by Modulating Expression of Cysteine-Rich Intestinal Protein 2 in Rhombomere 6. <i>Circulation Research</i> , 2008, 102, 831-839.	4.5	39