

Jing-Wei Xiong

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,098
citations

394421

19
h-index

434195

31
g-index

43
all docs

43
docs citations

43
times ranked

1964
citing authors

#	ARTICLE	IF	CITATIONS
1	A small-molecule cocktail promotes mammalian cardiomyocyte proliferation and heart regeneration. <i>Cell Stem Cell</i> , 2022, 29, 545-558.e13.	11.1	32
2	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
3	Molecular regulation of myocardial proliferation and regeneration. <i>Cell Regeneration</i> , 2021, 10, 13.	2.6	13
4	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
5	Endothelial cell membrane-based biosurface for targeted delivery to acute injury: analysis of leukocyte-mediated nanoparticle transportation. <i>Nanoscale</i> , 2021, 13, 14636-14643.	5.6	4
6	Proprotein Convertase Furin Is Required for Heart Development in Zebrafish. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	4
7	Diverse biological and engineering strategies towards organ regeneration. <i>Cell Regeneration</i> , 2021, 10, 34.	2.6	1
8	Systematic genome editing of the genes on zebrafish Chromosome 1 by CRISPR/Cas9. <i>Genome Research</i> , 2020, 30, 118-126.	5.5	32
9	p53 isoform β 113p53 promotes zebrafish heart regeneration by maintaining redox homeostasis. <i>Cell Death and Disease</i> , 2020, 11, 568.	6.3	13
10	Light-sheet fluorescence imaging charts the gastrula origin of vascular endothelial cells in early zebrafish embryos. <i>Cell Discovery</i> , 2020, 6, 74.	6.7	16
11	Critical role of zebrafish dnajb5 in myocardial proliferation and regeneration. <i>Journal of Genetics and Genomics</i> , 2020, 47, 493-496.	3.9	0
12	Generation of functional salivary gland tissue from human submandibular gland stem/progenitor cells. <i>Stem Cell Research and Therapy</i> , 2020, 11, 127.	5.5	38
13	Evolutionary insights into heart regeneration. <i>Cell Regeneration</i> , 2020, 9, 23.	2.6	3
14	Migrasomes provide regional cues for organ morphogenesis during zebrafish gastrulation. <i>Nature Cell Biology</i> , 2019, 21, 966-977.	10.3	122
15	In vivo imaging of β 2-cell function reveals glucose-mediated heterogeneity of β 2-cell functional development. <i>ELife</i> , 2019, 8, .	6.0	20
16	Epigenetic Regulation of Organ Regeneration in Zebrafish. <i>Journal of Cardiovascular Development and Disease</i> , 2018, 5, 57.	1.6	10
17	Nanoparticle-mediated siRNA Gene-silencing in Adult Zebrafish Heart. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	8
18	Miconazole protects blood vessels from matrix metalloproteinase 9-dependent rupture and hemorrhage. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 337-348.	2.4	18

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19	A novel inducible mutagenesis screen enables to isolate and clone both embryonic and adult zebrafish mutants. <i>Scientific Reports</i> , 2017, 7, 10381.	3.3	8
20	Spliceosomal protein <i>eftud2</i> mutation leads to p53-dependent apoptosis in zebrafish neural progenitors. <i>Nucleic Acids Research</i> , 2017, 45, 3422-3436.	14.5	64
21	Chromatin-remodelling factor <i>Brg1</i> regulates myocardial proliferation and regeneration in zebrafish. <i>Nature Communications</i> , 2016, 7, 13787.	12.8	67
22	A Neutralized Noncharged Polyethylenimine-Based System for Efficient Delivery of siRNA into Heart without Toxicity. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 33529-33538.	8.0	22
23	$\hat{\Gamma}^2$ -Hydrolase domain-containing 6 (<i>ABHD6</i>) negatively regulates the surface delivery and synaptic function of AMPA receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2695-704.	7.1	58
24	Vinculin b deficiency causes epicardial hyperplasia and coronary vessel disorganization in zebrafish. <i>Development (Cambridge)</i> , 2016, 143, 3522-3531.	2.5	13
25	Questions about <i>NgAgo</i> . <i>Protein and Cell</i> , 2016, 7, 913-915.	11.0	24
26	Small activating RNA binds to the genomic target site in a seed-region-dependent manner. <i>Nucleic Acids Research</i> , 2016, 44, 2274-2282.	14.5	43
27	Remodeling of Mitochondrial Flashes in Muscular Development and Dystrophy in Zebrafish. <i>PLoS ONE</i> , 2015, 10, e0132567.	2.5	35
28	<i>Talin1</i> is required for cardiac Z $\hat{\Gamma}$ disk stabilization and endothelial integrity in zebrafish. <i>FASEB Journal</i> , 2015, 29, 4989-5005.	0.5	25
29	Antimalarial drug artemisinin depletes erythrocytes by activating apoptotic pathways in zebrafish. <i>Experimental Hematology</i> , 2015, 43, 331-341.e8.	0.4	2
30	<i>Mecp2</i> regulates neural cell differentiation by suppressing the <i>Id1</i> to <i>Her2</i> axis in zebrafish. <i>Journal of Cell Science</i> , 2015, 128, 2340-2350.	2.0	47
31	PEG $\hat{\Gamma}$ PLA nanoparticles facilitate siRNA knockdown in adult zebrafish heart. <i>Developmental Biology</i> , 2015, 406, 196-202.	2.0	27
32	Haploinsufficiency of <i>Def</i> Activates p53-Dependent TGF $\hat{\Gamma}$ 2 Signalling and Causes Scar Formation after Partial Hepatectomy. <i>PLoS ONE</i> , 2014, 9, e96576.	2.5	24
33	<i>NEXN</i> inhibits <i>GATA4</i> and leads to atrial septal defects in mice and humans. <i>Cardiovascular Research</i> , 2014, 103, 228-237.	3.8	35
34	Protein tyrosine phosphatase <i>PTPN9</i> regulates erythroid cell development through <i>STAT3</i> dephosphorylation in zebrafish. <i>Journal of Cell Science</i> , 2014, 127, 2761-70.	2.0	15
35	Hydrogen peroxide primes heart regeneration with a derepression mechanism. <i>Cell Research</i> , 2014, 24, 1091-1107.	12.0	115
36	<i>Il-1$\hat{\Gamma}$2</i> and Reactive Oxygen Species Differentially Regulate Neutrophil Directional Migration and Basal Random Motility in a Zebrafish Injury $\hat{\Gamma}$ Induced Inflammation Model. <i>Journal of Immunology</i> , 2014, 192, 5998-6008.	0.8	74

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37	Heritable/conditional genome editing in <i>C. elegans</i> using a CRISPR-Cas9 feeding system. <i>Cell Research</i> , 2014, 24, 886-889.	12.0	39
38	Recent advances in heart regeneration. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2013, 99, 160-169.	3.6	5