

Tao P Zhong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/988538/publications.pdf>

Version: 2024-02-01

28
papers

1,653
citations

471509

17
h-index

526287

27
g-index

29
all docs

29
docs citations

29
times ranked

2401
citing authors

#	ARTICLE	IF	CITATIONS
1	Gridlock signalling pathway fashions the first embryonic artery. <i>Nature</i> , 2001, 414, 216-220.	27.8	502
2	De novo formation of a distinct coronary vascular population in neonatal heart. <i>Science</i> , 2014, 345, 90-94.	12.6	181
3	Developmental patterning of the cardiac atrioventricular canal by Notch and Hairy-related transcription factors. <i>Development (Cambridge)</i> , 2006, 133, 4381-4390.	2.5	147
4	Phosphorylation of Angiomotin by Lats1/2 Kinases Inhibits F-actin Binding, Cell Migration, and Angiogenesis. <i>Journal of Biological Chemistry</i> , 2013, 288, 34041-34051.	3.4	133
5	Prostaglandin signalling regulates ciliogenesis by modulating intraflagellar transport. <i>Nature Cell Biology</i> , 2014, 16, 841-851.	10.3	84
6	Identification of a hybrid myocardial zone in the mammalian heart after birth. <i>Nature Communications</i> , 2017, 8, 87.	12.8	67
7	Discovering Small Molecules that Promote Cardiomyocyte Generation by Modulating Wnt Signaling. <i>Chemistry and Biology</i> , 2011, 18, 1658-1668.	6.0	56
8	Hedgehog signaling induces arterial endothelial cell formation by repressing venous cell fate. <i>Developmental Biology</i> , 2010, 341, 196-204.	2.0	54
9	Regeneration across Metazoan Phylogeny: Lessons from Model Organisms. <i>Journal of Genetics and Genomics</i> , 2015, 42, 57-70.	3.9	52
10	The thermogenic activity of adjacent adipocytes fuels the progression of ccRCC and compromises anti-tumor therapeutic efficacy. <i>Cell Metabolism</i> , 2021, 33, 2021-2039.e8.	16.2	45
11	PGE2 activates EP4 in subchondral bone osteoclasts to regulate osteoarthritis. <i>Bone Research</i> , 2022, 10, 27.	11.4	40
12	Zebrafish Genetics and Formation of Embryonic Vasculature. <i>Current Topics in Developmental Biology</i> , 2005, 71, 53-81.	2.2	37
13	Discovering small molecules as Wnt inhibitors that promote heart regeneration and injury repair. <i>Journal of Molecular Cell Biology</i> , 2020, 12, 42-54.	3.3	35
14	Endothelial CDS2 deficiency causes VEGFA-mediated vascular regression and tumor inhibition. <i>Cell Research</i> , 2019, 29, 895-910.	12.0	31
15	Vertebrate heart growth is regulated by functional antagonism between Gridlock and Gata5. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14008-14013.	7.1	23
16	Vegfa signaling regulates diverse artery/vein formation in vertebrate vasculatures. <i>Journal of Genetics and Genomics</i> , 2017, 44, 483-492.	3.9	22
17	Disruption of Abcc6 Transporter in Zebrafish Causes Ocular Calcification and Cardiac Fibrosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 278.	4.1	20
18	Rho Guanine Nucleotide Exchange Factor <i>ARHGGEF17</i> Is a Risk Gene for Intracranial Aneurysms. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e002099.	3.6	18

#	ARTICLE	IF	CITATIONS
19	Rac1-PAK2 pathway is essential for zebrafish heart regeneration. <i>Biochemical and Biophysical Research Communications</i> , 2016, 472, 637-642.	2.1	16
20	A novel prostaglandin E receptor 4 (EP4) small molecule antagonist induces articular cartilage regeneration. <i>Cell Discovery</i> , 2022, 8, 24.	6.7	15
21	Vegfa Impacts Early Myocardium Development in Zebrafish. <i>International Journal of Molecular Sciences</i> , 2017, 18, 444.	4.1	14
22	Tbx20 Induction Promotes Zebrafish Heart Regeneration by Inducing Cardiomyocyte Dedifferentiation and Endocardial Expansion. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 738.	3.7	13
23	Prostaglandin signaling in ciliogenesis and development. <i>Journal of Cellular Physiology</i> , 2022, 237, 2632-2643.	4.1	12
24	Prostaglandin signaling in ciliogenesis during development. <i>Cell Cycle</i> , 2015, 14, 1-2.	2.6	11
25	Tubgcp3 Is Required for Retinal Progenitor Cell Proliferation During Zebrafish Development. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 126.	2.9	8
26	The Gridlock transcriptional repressor impedes vertebrate heart regeneration by restricting expression of lysine methyltransferase. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	8
27	Photoreceptor cell development requires prostaglandin signaling in the zebrafish retina. <i>Biochemical and Biophysical Research Communications</i> , 2019, 510, 230-235.	2.1	7
28	Vascular Development in Zebrafish. , 2007, , 150-160.		2