Guang Jun Zhang

List of Publications by Year
in descending order

28 papers	851 citations	623734 14 h-index	501196 28 g-index
29 all docs	29 docs citations	29 times ranked	1217 citing authors

#	Article	IF	Citations
1	Evolution of inwardly rectifying potassium channels and their gene expression in zebrafish embryos. Developmental Dynamics, 2022, 251, 687-713.	1.8	5
2	Activation of AMPK sensitizes medulloblastoma to Vismodegib and overcomes Vismodegibâ€resistance. FASEB BioAdvances, 2021, 3, 459-469.	2.4	7
3	Phylogenetic and developmental analyses indicate complex functions of <scp>calciumâ€activated</scp> potassium channels in zebrafish embryonic development. Developmental Dynamics, 2021, 250, 1477-1493.	1.8	5
4	A robust and flexible CRISPR/Cas9-based system for neutrophil-specific gene inactivation in zebrafish. Journal of Cell Science, 2021, 134, .	2.0	8
5	Loss of smarcad1a accelerates tumorigenesis of malignant peripheral nerve sheath tumors in zebrafish. Genes Chromosomes and Cancer, 2021, 60, 743-761.	2.8	3
6	Ribosomal protein gene RPL9 variants can differentially impair ribosome function and cellular metabolism. Nucleic Acids Research, 2020, 48, 770-787.	14.5	28
7	Potassium Channel-Associated Bioelectricity of the Dermomyotome Determines Fin Patterning in Zebrafish. Genetics, 2020, 215, 1067-1084.	2.9	22
8	Generating Stable Knockout Zebrafish Lines by Deleting Large Chromosomal Fragments Using Multiple gRNAs. G3: Genes, Genomes, Genetics, 2020, 10, 1029-1037.	1.8	14
9	Molecular ontogeny of the stomach in the catshark Scyliorhinus canicula. Scientific Reports, 2019, 9, 586.	3.3	4
10	Visualization of Cellular Electrical Activity in Zebrafish Early Embryos and Tumors. Journal of Visualized Experiments, 2018, , .	0.3	7
11	Identification of RECK as an evolutionarily conserved tumor suppressor gene for zebrafish malignant peripheral nerve sheath tumors. Oncotarget, 2018, 9, 23494-23504.	1.8	4
12	KANK1 inhibits cell growth by inducing apoptosis through regulating CXXC5 in human malignant peripheral nerve sheath tumors. Scientific Reports, 2017, 7, 40325.	3.3	23
13	Adenoviral E4 34K protein interacts with virus packaging components and may serve as the putative portal. Scientific Reports, 2017, 7, 7582.	3.3	10
14	Dual degradation signals destruct GLI1: AMPK inhibits GLI1 through Î²-TrCP-mediated proteasome degradation. Oncotarget, 2017, 8, 49869-49881.	1.8	20
15	IRF4 Modulates CD8+ T Cell Sensitivity to IL-2 Family Cytokines. ImmunoHorizons, 2017, 1, 92-100.	1.8	11
16	Evolutionary and developmental analysis reveals KANK genes were co-opted for vertebrate vascular development. Scientific Reports, 2016, 6, 27816.	3.3	18
17	Molecular Evolution of MDM1, a â€œDuplication-Resistantâ€•Gene in Vertebrates. PLoS ONE, 2016, 11, e0163229.	2.5	4
18	AMP-Activated Protein Kinase Directly Phosphorylates and Destabilizes Hedgehog Pathway Transcription Factor GLI1 in Medulloblastoma. Cell Reports, 2015, 12, 599-609.	6.4	73

#	Article	IF	Citations
19	New Insight into Cancer Aneuploidy in Zebrafish. International Review of Cell and Molecular Biology, 2015, 314, 149-170.	3.2	2
20	Phylooncogenomics: Examining the cancer genome in the context of vertebrate evolution. Applied & Translational Genomics, 2013, 2, 48-54.	2.1	2
21	Comparative Oncogenomic Analysis of Copy Number Alterations in Human and Zebrafish Tumors Enables Cancer Driver Discovery. PLoS Genetics, 2013, 9, e1003734.	3.5	30
22	Highly aneuploid zebrafish malignant peripheral nerve sheath tumors have genetic alterations similar to human cancers. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 16940-16945.	7.1	34
23	Chapter 2 Evolution of Vertebrate Cartilage Development. Current Topics in Developmental Biology, 2009, 86, 15-42.	2.2	25
24	Genome duplication and the origin of the vertebrate skeleton. Current Opinion in Genetics and Development, 2008, 18, 387-393.	3.3	43
25	Biphasic Hoxd Gene Expression in Shark Paired Fins Reveals an Ancient Origin of the Distal Limb Domain. PLoS ONE, 2007, 2, e754.	2.5	108
26	Evidence that mechanisms of fin development evolved in the midline of early vertebrates. Nature, 2006, 442, 1033-1037.	27.8	183
27	Lamprey type II collagen and Sox9 reveal an ancient origin of the vertebrate collagenous skeleton. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3180-3185.	7.1	89
28	Hagfish and lancelet fibrillar collagens reveal that type II collagen-based cartilage evolved in stem vertebrates. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16829-16833.	7.1	67