

Xiao Huang

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,252
citations

567281

15
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

1752
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of the neural crest and the opportunities of life on the edge. <i>Developmental Biology</i> , 2004, 275, 1-11.	2.0	216
2	The Cep63 paralogue Deup1 enables massive deÂnovo centriole biogenesis for vertebrate multiciliogenesis. <i>Nature Cell Biology</i> , 2013, 15, 1434-1444.	10.3	171
3	Gene structure, multiple alternative splicing, and expression in gonads of zebrafish Dmrt1. <i>Biochemical and Biophysical Research Communications</i> , 2005, 330, 950-957.	2.1	169
4	Multiple Alternative Splicing and Differential Expression of dmrt1 During Gonad Transformation of the Rice Field Eel1. <i>Biology of Reproduction</i> , 2005, 73, 1017-1024.	2.7	97
5	Functional analysis of Sox8 during neural crest development in <i>Xenopus</i> . <i>Development (Cambridge)</i> , 2006, 133, 3817-3826.	2.5	91
6	Similar gene structure of twoSox9a genes and their expression patterns during gonadal differentiation in a teleost fish, rice field eel (<i>Monopterus albus</i>). <i>Molecular Reproduction and Development</i> , 2003, 66, 211-217.	2.0	82
7	The doublesex-related gene, XDmrt4, is required for neurogenesis in the olfactory system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 11349-11354.	7.1	81
8	Twa1/Gid8 is a β -catenin nuclear retention factor in Wnt signaling and colorectal tumorigenesis. <i>Cell Research</i> , 2017, 27, 1422-1440.	12.0	44
9	Molecular cloning and expression of Sox17 in gonads during sex reversal in the rice field eel, a teleost fish with a characteristic of natural sex transformation. <i>Biochemical and Biophysical Research Communications</i> , 2003, 303, 452-457.	2.1	42
10	Proteomic Analyses Reveal Common Promiscuous Patterns of Cell Surface Proteins on Human Embryonic Stem Cells and Sperms. <i>PLoS ONE</i> , 2011, 6, e19386.	2.5	37
11	Detecting Traversable Area and Water Hazards for the Visually Impaired with a pRGB-D Sensor. <i>Sensors</i> , 2017, 17, 1890.	3.8	34
12	A conserved family of doublesex-related genes from fishes. <i>The Journal of Experimental Zoology</i> , 2002, 294, 63-67.	1.4	25
13	Multiple alternative splicing of mouse Dmrt1 during gonadal differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2007, 352, 630-634.	2.1	25
14	Effects of peroxisome proliferator activated receptor-gamma 2 gene Pro12Ala polymorphism on fasting blood lipids: A meta-analysis. <i>Atherosclerosis</i> , 2011, 215, 136-144.	0.8	21
15	Barhl 1 is required for the differentiation of inner ear hair cell-like cells from mouse embryonic stem cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 96, 79-89.	2.8	16
16	Developmental toxicity of organotin compounds in animals. <i>Frontiers in Marine Science</i> , 2014, 1, .	2.5	13
17	The role of ppar β in embryonic development of <i>Xenopus tropicalis</i> under triphenyltin-induced teratogenicity. <i>Science of the Total Environment</i> , 2018, 633, 1245-1252.	8.0	13
18	Developmental expression of the N-myc downstream regulated gene (Ndr) family during <i>Xenopus tropicalis</i> embryogenesis. <i>International Journal of Developmental Biology</i> , 2015, 59, 511-517.	0.6	11

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19	A Critical E-box in Barhl1 3â€² Enhancer Is Essential for Auditory Hair Cell Differentiation. <i>Cells</i> , 2019, 8, 458.	4.1	11
20	New Insights into IgZ as a Maternal Transfer Ig Contributing to the Early Defense of Fish against Pathogen Infection. <i>Journal of Immunology</i> , 2021, 206, 2001-2014.	0.8	9
21	Mammalian Taste Bud Cells Utilize Extragemmal 5-Hydroxy-L-Tryptophan to Biosynthesize the Neurotransmitter Serotonin. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 461.	3.7	8
22	Evolutionary conservation of Dmrt gene family in amphibians, reptiles and birds. <i>Science Bulletin</i> , 2001, 46, 1992-1994.	1.7	6
23	Transcriptional profiling of rat skeletal muscle hypertrophy under restriction of blood flow. <i>Gene</i> , 2016, 594, 229-237.	2.2	5
24	Comparison of phenotypic and global gene expression changes in <i>Xenopus tropicalis</i> embryos induced by agonists of RAR and RXR. <i>Toxicology and Applied Pharmacology</i> , 2017, 330, 40-47.	2.8	5
25	Expression of Human Globular Adiponectin-Glucagon-Like Peptide-1 Analog Fusion Protein and Its Assay of Glucose-Lowering Effect In Vivo. <i>International Journal of Medical Sciences</i> , 2011, 8, 203-209.	2.5	4
26	Characterization and expressional analysis of Dleu7 during <i>Xenopus tropicalis</i> embryogenesis. <i>Gene</i> , 2012, 509, 77-84.	2.2	4
27	Subtractive screen of potential limb regeneration related genes from <i>Pachytriton brevipes</i> . <i>Molecular Biology Reports</i> , 2014, 41, 1015-1026.	2.3	4
28	Hes5.9 Coordinate FGF and Notch Signaling to Modulate Gastrulation via Regulating Cell Fate Specification and Cell Migration in <i>Xenopus tropicalis</i> . <i>Genes</i> , 2020, 11, 1363.	2.4	3
29	Cell cycle regulation through primary cilium: A long-forgotten story. <i>Biocell</i> , 2021, 45, 823-833.	0.7	2
30	Characterization and Functional Study of FAM49B Reveals Its Effect on Cell Proliferation in HEK293T Cells. <i>Genes</i> , 2022, 13, 388.	2.4	0