Manli Chuai

List of Publications by Year
in descending order

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		394421	434195
46	1,150	19	31
papers	citations	h-index	g-index

48	48	48	1522
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dynamic morphoskeletons in development. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11444-11449.	7.1	18
2	Zinc oxide nanoparticles exposure-induced oxidative stress restricts cranial neural crest development during chicken embryogenesis. Ecotoxicology and Environmental Safety, 2020, 194, 110415.	6.0	23
3	Measurement of junctional tension in epithelial cells at the onset of primitive streak formation in the chick embryo via non-destructive optical manipulation. Development (Cambridge), 2020, 147, .	2.5	10
4	High Glucose Level Induces Cardiovascular Dysplasia During Early Embryo Development. Experimental and Clinical Endocrinology and Diabetes, 2019, 127, 590-597.	1.2	8
5	High saltâ€induced excess reactive oxygen species production resulted in heart tube malformation during gastrulation. Journal of Cellular Physiology, 2018, 233, 7120-7133.	4.1	7
6	Baicalin administration attenuates hyperglycemia-induced malformation of cardiovascular system. Cell Death and Disease, 2018, 9, 234.	6.3	47
7	Atg7-Mediated Autophagy Is Involved in the Neural Crest Cell Generation in Chick Embryo. Molecular Neurobiology, 2018, 55, 3523-3536.	4.0	10
8	Gut microbiotaâ€derived endotoxin enhanced the incidence of cardia bifida during cardiogenesis. Journal of Cellular Physiology, 2018, 233, 9271-9283.	4.1	10
9	Role of FGF signalling in neural crest cell migration during early chick embryo development. Zygote, 2018, 26, 457-464.	1.1	4
10	Lipopolysaccharides (LPS) Induced Angiogenesis During Chicken Embryogenesis is Abolished by Combined ETA/ETB Receptor Blockade. Cellular Physiology and Biochemistry, 2018, 48, 2084-2090.	1.6	4
11	From the Cover: Usage of Dexamethasone Increases the Risk of Cranial Neural Crest Dysplasia in the Chick Embryo. Toxicological Sciences, 2017, 158, 36-47.	3.1	15
12	BRE modulates granulosa cell death to affect ovarian follicle development and atresia in the mouse. Cell Death and Disease, 2017, 8, e2697-e2697.	6.3	45
13	Robo signaling regulates the production of cranial neural crest cells. Experimental Cell Research, 2017, 361, 73-84.	2.6	11
14	Alcohol exposure induces chick craniofacial bone defects by negatively affecting cranial neural crest development. Toxicology Letters, 2017, 281, 53-64.	0.8	28
15	Ethanol exposure leads to disorder of blood island formation in early chick embryo. Reproductive Toxicology, 2017, 73, 96-104.	2.9	4
16	Exposure to Excess Phenobarbital Negatively Influences the Osteogenesis of Chick Embryos. Frontiers in Pharmacology, 2016, 7, 349.	3.5	7
17	Investigating the effect of excess caffeine exposure on placental angiogenesis using chicken â€™functionalâ€˜ placental blood vessel network. Journal of Applied Toxicology, 2016, 36, 285-295.	2.8	22
18	Angiogenesis is repressed by ethanol exposure during chick embryonic development. Journal of Applied Toxicology, 2016, 36, 692-701.	2.8	27

#	Article	IF	Citations
19	Imidacloprid Exposure Suppresses Neural Crest Cells Generation during Early Chick Embryo Development. Journal of Agricultural and Food Chemistry, 2016, 64, 4705-4715.	5.2	30
20	Proper autophagy is indispensable for angiogenesis during chick embryo development. Cell Cycle, 2016, 15, 1742-1754.	2.6	19
21	From the Cover: Exposing Imidacloprid Interferes With Neurogenesis Through Impacting on Chick Neural Tube Cell Survival. Toxicological Sciences, 2016, 153, 137-148.	3.1	18
22	Excess Imidacloprid Exposure Causes the Heart Tube Malformation of Chick Embryos. Journal of Agricultural and Food Chemistry, 2016, 64, 9078-9088.	5.2	15
23	Ethanol exposure represses osteogenesis in the developing chick embryo. Reproductive Toxicology, 2016, 62, 53-61.	2.9	9
24	Liver Fibrosis Can Be Induced by High Salt Intake through Excess Reactive Oxygen Species (ROS) Production. Journal of Agricultural and Food Chemistry, 2016, 64, 1610-1617.	5.2	34
25	Dexamethasone Exposure Accelerates Endochondral Ossification of Chick EmbryosViaAngiogenesis. Toxicological Sciences, 2016, 149, 167-177.	3.1	14
26	High glucose environment inhibits cranial neural crest survival by activating excessive autophagy in the chick embryo. Scientific Reports, 2015, 5, 18321.	3.3	43
27	ÂChanges in the osmolarity of the embryonic microenvironment induce neural tube defects. Molecular Reproduction and Development, 2015, 82, 365-376.	2.0	7
28	Effects of 2,5-hexanedione on angiogenesis and vasculogenesis in chick embryos. Reproductive Toxicology, 2015, 51, 79-89.	2.9	11
29	Myosin-II-mediated cell shape changes and cell intercalation contribute to primitive streak formation. Nature Cell Biology, 2015, 17, 397-408.	10.3	176
30	Misexpression ofBREgene in the developing chick neural tube affects neurulation and somitogenesis. Molecular Biology of the Cell, 2015, 26, 978-992.	2.1	12
31	The impact of high salt exposure on cardiovascular development in the early chick embryo. Journal of Experimental Biology, 2015, 218, 3468-77.	1.7	14
32	Autophagy is involved in ethanol-induced cardia bifida during chick cardiogenesis. Cell Cycle, 2015, 14, 3306-3317.	2.6	7
33	Biphasic influence of dexamethasone exposure on embryonic vertebrate skeleton development. Toxicology and Applied Pharmacology, 2014, 281, 19-29.	2.8	23
34	Combinational electroporation and transplantation approach to studying gene functions in avian embryos. Science Bulletin, 2014, 59, 616-624.	1.7	0
35	Endoderm contributes to endocardial composition during cardiogenesis. Science Bulletin, 2014, 59, 2749-2755.	1.7	2
36	Excess ROS induced by AAPH causes myocardial hypertrophy in the developing chick embryo. International Journal of Cardiology, 2014, 176, 62-73.	1.7	34

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37	Dimethyl phenyl piperazine iodide (DMPP) induces glioma regression by inhibiting angiogenesis. Experimental Cell Research, 2014, 320, 354-364.	2.6	21
38	Adverse effects of high glucose levels on somite and limb development in avian embryos. Food and Chemical Toxicology, 2014, 71, 1-9.	3.6	2
39	Collective Epithelial and Mesenchymal Cell Migration During Gastrulation. Current Genomics, 2012, 13, 267-277.	1.6	53
40	Chemotactic cell movement a key mechanism of tissue dynamics and morphogenesis. FASEB Journal, 2011, 25, 301.1.	0.5	0
41	Who moves whom during primitive streak formation in the chick embryo. HFSP Journal, 2009, 3, 71-76.	2.5	20
42	Regulation of cell migration during chick gastrulation. Current Opinion in Genetics and Development, 2009, 19, 343-349.	3.3	34
43	Imaging cell signalling and movement in development. Seminars in Cell and Developmental Biology, 2009, 20, 947-955.	5.0	8
44	The Mechanisms Underlying Primitive Streak Formation in the Chick Embryo. Current Topics in Developmental Biology, 2008, 81, 135-156.	2.2	45
45	Cell movement during chick primitive streak formation. Developmental Biology, 2006, 296, 137-149.	2.0	108
46	Analysis of tissue flow patterns during primitive streak formation in the chick embryo. Developmental Biology, 2005, 284, 37-47.	2.0	79