Xin Cheng

List of Publications by Year
in descending order

44 papers	697 citations	623734 14 h-index	610901 24 g-index
44 all docs	44 docs citations	44 times ranked	916 citing authors

#	Article	IF	Citations
1	Sustained Release SDF-1Î±/TGF-Î²1-Loaded Silk Fibroin-Porous Gelatin Scaffold Promotes Cartilage Repair. ACS Applied Materials & Interfaces, 2019, 11, 14608-14618.	8.0	78
2	Gross Anatomy Education in China during the Covidâ€19 Pandemic: A National Survey. Anatomical Sciences Education, 2021, 14, 8-18.	3.7	60
3	Investigating the Mechanism of Hyperglycemia-Induced Fetal Cardiac Hypertrophy. PLoS ONE, 2015, 10, e0139141.	2.5	50
4	Baicalin administration attenuates hyperglycemia-induced malformation of cardiovascular system. Cell Death and Disease, 2018, 9, 234.	6.3	47
5	Excess ROS induced by AAPH causes myocardial hypertrophy in the developing chick embryo. International Journal of Cardiology, 2014, 176, 62-73.	1.7	34
6	Nrf2 signalling and autophagy are involved in diabetes mellitus-induced defects in the development of mouse placenta. Open Biology, 2016, 6, 160064.	3.6	32
7	Applying chlorogenic acid in an alginate scaffold of chondrocytes can improve the repair of damaged articular cartilage. PLoS ONE, 2018, 13, e0195326.	2.5	28
8	Angiogenesis is repressed by ethanol exposure during chick embryonic development. Journal of Applied Toxicology, 2016, 36, 692-701.	2.8	27
9	Biphasic influence of dexamethasone exposure on embryonic vertebrate skeleton development. Toxicology and Applied Pharmacology, 2014, 281, 19-29.	2.8	23
10	Clinical simulation training improves the clinical performance of Chinese medical students. Medical Education Online, 2015, 20, 28796.	2.6	23
11	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
12	Gut-Lung Dysbiosis Accompanied by Diabetes Mellitus Leads to Pulmonary Fibrotic Change through the NF-ÎºB Signaling Pathway. American Journal of Pathology, 2021, 191, 838-856.	3.8	23
13	Polystyrene nanoplastics exposure caused defective neural tube morphogenesis through caveolae-mediated endocytosis and faulty apoptosis. Nanotoxicology, 2021, 15, 1-20.	3.0	20
14	Histology and Embryology Education in China: The Current Situation and Changes Over the Past 20 Years. Anatomical Sciences Education, 2020, 13, 759-768.	3.7	17
15	Exposure to 2,5-hexanedione can induce neural malformations in chick embryos. NeuroToxicology, 2012, 33, 1239-1247.	3.0	16
16	Zika virus induces abnormal cranial osteogenesis by negatively affecting cranial neural crest development. Infection, Genetics and Evolution, 2019, 69, 176-189.	2.3	16
17	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
18	Effects of oxidative stress on hyperglycaemia-induced brain malformations in a diabetes mouse model. Experimental Cell Research, 2016, 347, 201-211.	2.6	14

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19	Dexamethasone Exposure Accelerates Endochondral Ossification of Chick EmbryosViaAngiogenesis. Toxicological Sciences, 2016, 149, 167-177.	3.1	14
20	Endoplasmic reticulum stress-related calcium imbalance plays an important role on Zinc oxide nanoparticles-induced failure of neural tube closure during embryogenesis. Environment International, 2021, 152, 106495.	10.0	14
21	Dexamethasone interferes with osteoblasts formation during osteogenesis through altering IGFâ€1â€mediated angiogenesis. Journal of Cellular Physiology, 2019, 234, 15167-15181.	4.1	13
22	Microbiotaâ€derived lipopolysaccharide retards chondrocyte hypertrophy in the growth plate through elevating Sox9 expression. Journal of Cellular Physiology, 2019, 234, 2593-2605.	4.1	12
23	Effects of 2,5-hexanedione on angiogenesis and vasculogenesis in chick embryos. Reproductive Toxicology, 2015, 51, 79-89.	2.9	11
24	N-Acetylcysteine Suppresses LPS-Induced Pathological Angiogenesis. Cellular Physiology and Biochemistry, 2018, 49, 2483-2495.	1.6	11
25	Ethanol exposure represses osteogenesis in the developing chick embryo. Reproductive Toxicology, 2016, 62, 53-61.	2.9	9
26	High Glucose Level Induces Cardiovascular Dysplasia During Early Embryo Development. Experimental and Clinical Endocrinology and Diabetes, 2019, 127, 590-597.	1.2	8
27	Examining the relationships between medical studentsâ€™ preferred online instructional strategies, course difficulty level, learning performance, and effectiveness. American Journal of Physiology - Advances in Physiology Education, 2021, 45, 661-669.	1.6	8
28	Exposure to Excess Phenobarbital Negatively Influences the Osteogenesis of Chick Embryos. Frontiers in Pharmacology, 2016, 7, 349.	3.5	7
29	Virtual reality approach for orthodontic education at School of Stomatology, Jinan University. Journal of Dental Education, 2022, 86, 1025-1035.	1.2	7
30	Nano-sulforaphane attenuates PhIP-induced early abnormal embryonic neuro-development. Annals of Anatomy, 2021, 233, 151617.	1.9	6
31	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
32	Folic acid rescues corticosteroidâ€induced vertebral malformations in chick embryos through targeting TGFâ€Î² signaling. Journal of Cellular Physiology, 2020, 235, 8626-8639.	4.1	4
33	Dysbacteriosis-Derived Lipopolysaccharide Causes Embryonic Osteopenia through Retinoic-Acid-Regulated DLX5 Expression. International Journal of Molecular Sciences, 2020, 21, 2518.	4.1	4
34	Reversine suppresses osteosarcoma cell growth through targeting BMP-Smad1/5/8-mediated angiogenesis. Microvascular Research, 2021, 135, 104136.	2.5	3
35	Maternal and infant outcomes during the COVID-19 pandemic: a retrospective study in Guangzhou, China. Reproductive Biology and Endocrinology, 2021, 19, 126.	3.3	3
36	The doubleâ€edged sword role of TGFâ€Î²2 signaling pathway between intrauterine inflammation and cranial neural crest development. FASEB Journal, 2022, 36, e22113.	0.5	3

#	Article	IF	Citations
37	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
38	Cell survival controlled by lensâ€derived Sema3Aâ€“Nrp1 is vital on caffeineâ€suppressed corneal innervation during chick organogenesis. Journal of Cellular Physiology, 2019, 234, 9826-9838.	4.1	2
39	Interaction between retinoic acid and FGF/ERK signals are involved in Dexamethasone-induced abnormal myogenesis during embryonic development. Toxicology, 2021, 461, 152917.	4.2	2
40	Exploring the situational motivation of medical students through clinical medicine level test: a cross-sectional study. American Journal of Physiology - Advances in Physiology Education, 2022, 46, 416-425.	1.6	2
41	Retinoic Acid Signaling Plays a Crucial Role in Excessive Caffeine Intake-Disturbed Apoptosis and Differentiation of Myogenic Progenitors. Frontiers in Cell and Developmental Biology, 2021, 9, 586767.	3.7	1
42	The effects of longâ€term extracurricular scientific research on the medical students: Insight from Jinan University Medical School. Biochemistry and Molecular Biology Education, 2021, 49, 535-545.	1.2	1
43	NF-ÎºB activation impedes the transdifferentiation of hypertrophic chondrocytes at the growth plate of mouse embryos in diabetic pregnancy. Journal of Orthopaedic Translation, 2021, 31, 52-61.	3.9	1
44	Baicalin rescues hyperglycemia-induced neural tube defects via targeting on retinoic acid signaling. American Journal of Translational Research (discontinued), 2020, 12, 3311-3328.	0.0	0