

# Cheng Zhang

## List of Publications by Year in descending order

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34  
papers

1,065  
citations

430874

18  
h-index

414414

32  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1554  
citing authors

#	ARTICLE	IF	CITATIONS
1	Localized injection of miRNA-21-enriched extracellular vesicles effectively restores cardiac function after myocardial infarction. <i>Theranostics</i> , 2019, 9, 2346-2360.	10.0	134
2	An injectable silk sericin hydrogel promotes cardiac functional recovery after ischemic myocardial infarction. <i>Acta Biomaterialia</i> , 2016, 41, 210-223.	8.3	121
3	Cadmium-induced teratogenicity: Association with ROS-mediated endoplasmic reticulum stress in placenta. <i>Toxicology and Applied Pharmacology</i> , 2012, 259, 236-247.	2.8	95
4	Excessive apoptosis and defective autophagy contribute to developmental testicular toxicity induced by fluoride. <i>Environmental Pollution</i> , 2016, 212, 97-104.	7.5	80
5	In Vivo Characterizations of the Immune Properties of Sericin: An Ancient Material with Emerging Value in Biomedical Applications. <i>Macromolecular Bioscience</i> , 2017, 17, 1700229.	4.1	66
6	The roles of endoplasmic reticulum stress response in female mammalian reproduction. <i>Cell and Tissue Research</i> , 2016, 363, 589-597.	2.9	55
7	MiR-377-3p suppresses colorectal cancer through negative regulation on Wnt/ $\beta$ -catenin signaling by targeting XIAP and ZEB2. <i>Pharmacological Research</i> , 2020, 156, 104774.	7.1	50
8	Effects of dietary omega-3/omega-6 fatty acid ratios on reproduction in the young breeder rooster. <i>BMC Veterinary Research</i> , 2015, 11, 73.	1.9	40
9	Role of CYP51 in the Regulation of T3 and FSH-Induced Steroidogenesis in Female Mice. <i>Endocrinology</i> , 2017, 158, 3974-3987.	2.8	31
10	The Pivotal Role of Ca <sup>2+</sup> Homeostasis in PBDE-47-Induced Neuronal Apoptosis. <i>Molecular Neurobiology</i> , 2016, 53, 7078-7088.	4.0	30
11	Roles of endoplasmic reticulum stress, apoptosis and autophagy in 2,2,4,4-tetrabromodiphenyl ether-induced rat ovarian injury. <i>Reproductive Toxicology</i> , 2016, 65, 187-193.	2.9	29
12	Interactions of thyroid hormone and FSH in the regulation of rat granulosa cell apoptosis. <i>Frontiers in Bioscience - Elite</i> , 2011, E3, 1401-1413.	1.8	27
13	Effect of Different Culture Systems and 3, 5, 3'-Triiodothyronine/Follicle-Stimulating Hormone on Preantral Follicle Development in Mice. <i>PLoS ONE</i> , 2013, 8, e61947.	2.5	27
14	Regulation of glucose transport by thyroid hormone in rat ovary. <i>Cell and Tissue Research</i> , 2016, 366, 455-466.	2.9	25
15	Roles of Grp78 in Female Mammalian Reproduction. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2017, 222, 129-155.	1.6	25
16	Oxidative stress-elicited autophagosome accumulation contributes to human neuroblastoma SH-SY5Y cell death induced by PBDE-47. <i>Environmental Toxicology and Pharmacology</i> , 2017, 56, 322-328.	4.0	23
17	Nitric Oxide-Mediated Regulation of GLUT by T3 and Follicle-Stimulating Hormone in Rat Granulosa Cells. <i>Endocrinology</i> , 2017, 158, 1898-1915.	2.8	22
18	New insights into mitophagy and stem cells. <i>Stem Cell Research and Therapy</i> , 2021, 12, 452.	5.5	22

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19	Effects of omega-3 polyunsaturated fatty acids on steroidogenesis and cellular development in PCOS rats. <i>Food and Function</i> , 2019, 10, 2504-2514.	4.6	18
20	The Effect of Gonadotropin on Glucose Transport and Apoptosis in Rat Ovary. <i>PLoS ONE</i> , 2012, 7, e42406.	2.5	18
21	cGMP/PKG-I Pathway Mediated GLUT1/4 Regulation by NO in Female Rat Granulosa Cells. <i>Endocrinology</i> , 2018, 159, 1147-1158.	2.8	17
22	Role of OCT4 in the Regulation of FSH-Induced Granulosa Cells Growth in Female Mice. <i>Frontiers in Endocrinology</i> , 2019, 10, 915.	3.5	16
23	Effects of Thyroid Dysfunction on Reproductive Hormones in Female Rats. <i>Chinese Journal of Physiology</i> , 2018, 61, 152-162.	1.0	14
24	Effects of dietary soybean isoflavones (SI) on reproduction in the young breeder rooster. <i>Animal Reproduction Science</i> , 2017, 177, 124-131.	1.5	13
25	Roles of endoplasmic reticulum stress in 2,2,4,4-tetrabromodiphenylether-induced thyroid cell apoptosis and autophagy. <i>Ecotoxicology and Environmental Safety</i> , 2021, 214, 112077.	6.0	13
26	Effects of gonadotropin on Fas and/or FasL expression and proliferation in rat ovary. <i>Theriogenology</i> , 2015, 83, 21-29.	2.1	11
27	Regulation by 3,5,3 <sup>1</sup> -tri-iodothyronine and FSH of cytochrome P450 family 19 (CYP19) expression in mouse granulosa cells. <i>Reproduction, Fertility and Development</i> , 2018, 30, 1225.	0.4	10
28	Silencing of Mouse Hepatic Lanosterol 14-ALPHA. Demethylase Down-Regulated Plasma Low-Density Lipoprotein Cholesterol Levels by Short-Term Treatment of siRNA. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 1182-1191.	1.4	9
29	Roles of different n-3/n-6 PUFA ratios in ovarian cell development and steroidogenesis in PCOS rats. <i>Food and Function</i> , 2019, 10, 7397-7406.	4.6	7
30	Effect of thyroid dysfunction on NOS expression in the female rat. <i>Cell and Tissue Research</i> , 2020, 379, 291-300.	2.9	6
31	Effect of hypothyroidism on CYP51 and FSHR expression in rat ovary. <i>Theriogenology</i> , 2019, 138, 145-151.	2.1	4
32	Mechanisms of OCT4 on 3,5,3 <sup>1</sup> -Tri-iodothyronine and FSH-induced Granulosa Cell Development in Female Mice. <i>Endocrinology</i> , 2021, 162, .	2.8	4
33	Effects of thyroid hormone on ovarian cell apoptosis in the rat. <i>Reproduction, Fertility and Development</i> , 2020, 32, 1060.	0.4	3
34	The Effect of Melatonin on OCT4 Expression and Granulosa Cell Growth in Female Mice. <i>Reproductive Sciences</i> , 2021, , 1.	2.5	0