

Fangxiong Shi

List of Publications by Year in descending order

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47
papers

736
citations

567144

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610775

24
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47
docs citations

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times ranked

687
citing authors

#	ARTICLE	IF	CITATIONS
1	Reproductive toxicity in acrylamide-treated female mice. <i>Reproductive Toxicology</i> , 2014, 46, 121-128.	1.3	66
2	Roles of thyroid hormones in follicular development in the ovary of neonatal and immature rats. <i>Endocrine</i> , 2014, 46, 594-604.	1.1	55
3	Dietary Stevioside Supplementation Alleviates Lipopolysaccharide-Induced Intestinal Mucosal Damage through Anti-Inflammatory and Antioxidant Effects in Broiler Chickens. <i>Antioxidants</i> , 2019, 8, 575.	2.2	52
4	Bitter taste receptors as targets for tocolytics in preterm labor therapy. <i>FASEB Journal</i> , 2017, 31, 4037-4052.	0.2	39
5	Cell-Specific Expression and Regulation of Soluble Guanylyl Cyclase $\hat{\pm}1$ and $\hat{2}1$ Subunits in the Rat Ovary ¹ . <i>Biology of Reproduction</i> , 2004, 70, 1552-1561.	1.2	33
6	Mesenchymal Stem Cell Therapy Using Human Umbilical Cord in a Rat Model of Autoimmune-Induced Premature Ovarian Failure. <i>Stem Cells International</i> , 2020, 2020, 1-13.	1.2	32
7	Protective roles of Rutin against restraint stress on spermatogenesis in testes of adult mice. <i>Tissue and Cell</i> , 2018, 50, 133-143.	1.0	25
8	Dietary hawthorn-leaves flavonoids improves ovarian function and liver lipid metabolism in aged breeder hens. <i>Poultry Science</i> , 2021, 100, 101499.	1.5	24
9	Melatonin mitigates bisphenol A-induced estradiol production and proliferation by porcine ovarian granulosa cells in vitro. <i>Animal Reproduction Science</i> , 2018, 192, 91-98.	0.5	22
10	Expression patterns of taste receptor type 1 subunit 3 and $\hat{\pm}$ -gustducin in the mouse testis during development. <i>Acta Histochemica</i> , 2016, 118, 20-30.	0.9	21
11	Cleavage of poly (ADP-ribose) polymerase-1 is involved in the process of porcine ovarian follicular atresia. <i>Animal Reproduction Science</i> , 2013, 138, 282-291.	0.5	19
12	Nitric oxide and thyroid hormone receptor alpha 1 contribute to ovarian follicular development in immature hyper- and hypo-thyroid rats. <i>Reproductive Biology</i> , 2015, 15, 27-33.	0.9	19
13	Effects of daily exposure to saccharin sodium and rebaudioside A on the ovarian cycle and steroidogenesis in rats. <i>Reproductive Toxicology</i> , 2018, 76, 35-45.	1.3	19
14	Roles of poly (ADP-ribose) polymerase (PARP1) cleavage in the ovaries of fetal, neonatal, and adult pigs. <i>Reproduction</i> , 2013, 146, 593-602.	1.1	18
15	Thyroid hormones alter estrous cyclicity and antioxidative status in the ovaries of rats. <i>Animal Science Journal</i> , 2018, 89, 513-526.	0.6	15
16	Mitigation of stress from gastric mucosal injuries by mulberry extract may occur via nitric oxide synthase signaling in mice. <i>Tissue and Cell</i> , 2018, 54, 59-64.	1.0	15
17	Resveratrol Ameliorates Testicular Histopathology of Mice Exposed to Restraint Stress. <i>Animals</i> , 2019, 9, 743.	1.0	15
18	Neonatal genistein exposure disrupts ovarian and uterine development in the mouse by inhibiting cellular proliferation. <i>Journal of Reproduction and Development</i> , 2019, 65, 7-17.	0.5	15

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19	Maternal stevioside supplementation ameliorates intestinal mucosal damage and modulates gut microbiota in chicken offspring challenged with lipopolysaccharide. <i>Food and Function</i> , 2021, 12, 6014-6028.	2.1	15
20	Resveratrol Protects against Restraint Stress Effects on Stomach and Spleen in Adult Male Mice. <i>Animals</i> , 2019, 9, 736.	1.0	14
21	Nitric Oxide Synthase Is Involved in Follicular Development via the PI3K/AKT/FoxO3a Pathway in Neonatal and Immature Rats. <i>Animals</i> , 2020, 10, 248.	1.0	14
22	Dietary stevioside supplementation increases feed intake by altering the hypothalamic transcriptome profile and gut microbiota in broiler chickens. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 2156-2167.	1.7	13
23	The role of active immunization against inhibin β -subunit on testicular development, testosterone concentration and relevant genes' expressions in testis, hypothalamus and pituitary glands in Yangzhou goose ganders. <i>Theriogenology</i> , 2019, 128, 122-132.	0.9	12
24	Alpha-lipoic acid improves the reproduction performance of breeder hens during the late egg-laying period. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 1788-1797.	1.0	11
25	Effects of dietary sweeteners supplementation on growth performance, serum biochemicals, and jejunal physiological functions of broiler chickens. <i>Poultry Science</i> , 2020, 99, 3948-3958.	1.5	11
26	Dietary alpha-lipoic acid supplementation improves spermatogenesis and semen quality via antioxidant and anti-apoptotic effects in aged breeder roosters. <i>Theriogenology</i> , 2021, 159, 20-27.	0.9	11
27	Dietary stevioside supplementation improves laying performance and eggshell quality through increasing estrogen synthesis, calcium level and antioxidant capacity of reproductive organs in aged breeder hens. <i>Animal Feed Science and Technology</i> , 2020, 269, 114682.	1.1	10
28	Oral Exposure to Genistein during Conception and Lactation Period Affects the Testicular Development of Male Offspring Mice. <i>Animals</i> , 2020, 10, 377.	1.0	10
29	Dietary mulberry-leaf flavonoids supplementation improves liver lipid metabolism and ovarian function of aged breeder hens. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2022, 106, 1321-1332.	1.0	10
30	Dietary mulberry-leaf flavonoids improve the eggshell quality of aged breeder hens. <i>Theriogenology</i> , 2022, 179, 177-186.	0.9	10
31	Bisphenol A attenuates thyroxine-induced apoptosis in ovarian granulosa cells of pigs. <i>Reproduction in Domestic Animals</i> , 2019, 54, 864-872.	0.6	8
32	Spermiogenesis, Stages of Seminiferous Epithelium and Variations in Seminiferous Tubules during Active States of Spermatogenesis in Yangzhou Goose Ganders. <i>Animals</i> , 2020, 10, 570.	1.0	8
33	Activation of Ovarian Taste Receptors Inhibits Progesterone Production Potentially via NO/cGMP and Apoptotic Signaling. <i>Endocrinology</i> , 2021, 162, .	1.4	8
34	Effects of exogenous 17β -estradiol on follicular development in the neonatal and immature mouse in vivo. <i>Reproductive Medicine and Biology</i> , 2012, 11, 135-141.	1.0	7
35	Contemporaneous effects of diabetes mellitus and hypothyroidism on spermatogenesis and immunolocalization of Claudin-11 inside the seminiferous tubules of mice. <i>BMC Developmental Biology</i> , 2018, 18, 15.	2.1	7
36	Freeze-Dried Royal Jelly Proteins Enhanced the Testicular Development and Spermatogenesis in Pubescent Male Mice. <i>Animals</i> , 2019, 9, 977.	1.0	7

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37	Effects of High-Dose Genistein on the Hypothalamic RNA Profile and Intestinal Health of Female Chicks. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 13737-13750.	2.4	6
38	Responsiveness Expressions of Bitter Taste Receptors Against Denatonium Benzoate and Genistein in the Heart, Spleen, Lung, Kidney, and Bursa Fabricius of Chinese Fast Yellow Chicken. <i>Animals</i> , 2019, 9, 532.	1.0	5
39	Denatonium Benzoate-Induces Oxidative Stress in the Heart and Kidney of Chinese Fast Yellow Chickens by Regulating Apoptosis, Autophagy, Antioxidative Activities and Bitter Taste Receptor Gene Expressions. <i>Animals</i> , 2019, 9, 701.	1.0	5
40	Roles of poly (ADP-ribose) polymerase 1 activation and cleavage in induction of multi-oocyte ovarian follicles in the mouse by 3-nitropropionic acid. <i>Reproduction, Fertility and Development</i> , 2019, 31, 1017.	0.1	5
41	Drinking Water with Saccharin Sodium Alters the Microbiota-Gut-Hypothalamus Axis in Guinea Pig. <i>Animals</i> , 2021, 11, 1875.	1.0	5
42	Denatonium as a bitter taste receptor agonist damages jejunal epithelial cells of yellow-feathered chickens via inducing apoptosis. <i>Animal</i> , 2020, 14, 1223-1233.	1.3	4
43	Influences of non-nutritive sweeteners on ovarian and uterine expression of T1R2 and T1R3 in peripubertal female guinea pigs. <i>Animal Science Journal</i> , 2020, 91, e13348.	0.6	4
44	Maternal stevioside supplementation improves intestinal immune function of chicken offspring potentially via modulating gut microbiota and down-regulating the promoter methylation level of suppressor of cytokine signaling 1 (SOCS1). <i>Animal Nutrition</i> , 2022, 10, 329-346.	2.1	4
45	RNA Expression Profile and Alternative Splicing Signatures of Genistein-Treated Breeder Hens Revealed by Hepatic Transcriptomic Analysis. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-19.	1.9	3
46	Positive Roles of Resveratrol in Early Development of Testicular Germ Cells against Maternal Restraint Stress in Mice. <i>Animals</i> , 2020, 10, 122.	1.0	3
47	Potential roles of matrix metalloproteinases and characteristics of ovarian development in neonatal guinea pigs. <i>Tissue and Cell</i> , 2015, 47, 478-488.	1.0	2