Roles of Reactive Oxygen Species and Antioxidants in O

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Citation Report

#	Article	IF	Citations
1	What lies behind chemotherapy-induced ovarian toxicity?. Reproduction, 2012, 144, 153-163.	1.1	71
2	Sphingosine-1-phosphate inhibits H2O2-induced granulosa cell apoptosis via the PI3K/Akt signaling pathway. Fertility and Sterility, 2012, 98, 1001-1008.e1.	0.5	76
3	Mono-(2-Ethylhexyl) Phthalate Induces Oxidative Stress and Inhibits Growth of Mouse Ovarian Antral Follicles1. Biology of Reproduction, 2012, 87, 152.	1.2	98
4	Hypoxiaâ€Induced Deacetylation Is Required for Tetraploid Differentiation in Response to Testicular Ischemiaâ€Reperfusion (IR) Injury. Journal of Andrology, 2012, 33, 1379-1386.	2.0	11
5	Endoplasmic Reticulum-Derived Multilamellar Bodies in Oocytes of Mouse Follicle Cultures under Oxidized Low-Density Lipoprotein Treatment. Cells Tissues Organs, 2013, 197, 77-88.	1.3	2
6	The aging ovaryâ€"the poor granulosa cells. Fertility and Sterility, 2013, 99, 12-17.	0.5	128
7	Impairment of BRCA1-Related DNA Double-Strand Break Repair Leads to Ovarian Aging in Mice and Humans. Science Translational Medicine, 2013, 5, 172ra21.	5.8	384
8	Aging gonads, glands, and gametes:Âimmutable or partially reversible changes?. Fertility and Sterility, 2013, 99, 1-4.	0.5	27
9	Postnatal exposure to chromium through motherâ€™s milk accelerates follicular atresia in F1 offspring through increased oxidative stress and depletion of antioxidant enzymes. Free Radical Biology and Medicine, 2013, 61, 179-196.	1.3	37
10	Dimethyl fumarate: a Janus-faced substance?. Expert Opinion on Pharmacotherapy, 2013, 14, 1559-1567.	0.9	27
11	Beta-Thalassemia Major and Female Fertility: The Role of Iron and Iron-Induced Oxidative Stress. Anemia, 2013, 2013, 1-9.	0.5	43
12	Effects of Spirulina on Cyclophosphamide-Induced Ovarian Toxicity in Rats: Biochemical and Histomorphometric Evaluation of the Ovary. Biochemistry Research International, 2013, 2013, 1-6.	1.5	36
13	Cisplatin and Doxorubicin Induce Distinct Mechanisms of Ovarian Follicle Loss; Imatinib Provides Selective Protection Only against Cisplatin. PLoS ONE, 2013, 8, e70117.	1.1	136
14	Downregulated Expression of Peroxiredoxin 4 in Granulosa Cells from Polycystic Ovary Syndrome. PLoS ONE, 2013, 8, e76460.	1.1	15
15	Free Radicals in Adolescent Varicocele Testis. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-6.	1.9	26
16	Edaravone Mitigates Hexavalent Chromium-Induced Oxidative Stress and Depletion of Antioxidant Enzymes while Estrogen Restores Antioxidant Enzymes in the Rat Ovary in F1 Offspring1. Biology of Reproduction, 2014, 91, 12.	1.2	24
17	LOXâ€1 regulates estrogenesis via intracellular calcium release from bovine granulosa cells. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2014, 85, 88-93.	1.1	10
18	Protective Effect of Quercetin on the Development of Preimplantation Mouse Embryos against Hydrogen Peroxide-Induced Oxidative Injury. PLoS ONE, 2014, 9, e89520.	1.1	42

#	Article	IF	Citations
19	Vitamin E status and reproduction in sheep: potential implications for Australian sheep production. Animal Production Science, 2014, 54, 694.	0.6	15
20	Effect of Imatinib Coadministration on in Vitro Oocyte Acquisition and Subsequent Embryo Development in Cyclophosphamide-Treated Mice. Reproductive Sciences, 2014, 21, 906-914.	1.1	6
21	Chemotherapy-induced ovarian toxicity in patients affected by endocrine-responsive early breast cancer. Critical Reviews in Oncology/Hematology, 2014, 89, 27-42.	2.0	68
22	Ovarian Toxicity from Reactive Oxygen Species. Vitamins and Hormones, 2014, 94, 99-127.	0.7	103
23	Inactivation of the LOXâ€1 Pathway Promotes the Golgi Apparatus during Cell Differentiation of Mural Granulosa Cells. Journal of Cellular Physiology, 2014, 229, 1946-1951.	2.0	5
24	IVF outcome in women with accidental contamination of follicular fluid with endometrioma content. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2014, 181, 130-134.	0.5	21
25	Essential actions of melatonin in protecting the ovary from oxidative damage. Theriogenology, 2014, 82, 925-932.	0.9	80
26	SIRT3 Positively Regulates the Expression of Folliculogenesis- and Luteinization-Related Genes and Progesterone Secretion by Manipulating Oxidative Stress in Human Luteinized Granulosa Cells. Endocrinology, 2014, 155, 3079-3087.	1.4	41
27	Evaluation of follicular oxidant-antioxidant balance and oxidative damage during reproductive		

#	Article	IF	Citations
37	Endoplasmic Reticulum Stress Signaling in Mammalian Oocytes and Embryos: Life in Balance. International Review of Cell and Molecular Biology, 2015, 316, 227-265.	1.6	48
38	Regulation of the ovarian oxidative status by leptin during the ovulatory process in rats. Reproduction, 2015, 149, 357-366.	1.1	17
39	The effects of superoxide dismutase addition to the transport medium on cumulusâ€“oocyte complex apoptosis and IVF outcome in cats (Felis catus). Reproductive Biology, 2015, 15, 56-64.	0.9	24
40	Protective effect of mirtazapine and hesperidin on cyclophosphamide-induced oxidative damage and infertility in rat ovaries. Experimental Biology and Medicine, 2015, 240, 1682-1689.	1.1	56
41	Molecular Cytotoxicity Mechanisms of Allyl Alcohol (Acrolein) in Budding Yeast. Chemical Research in Toxicology, 2015, 28, 1246-1264.	1.7	22
42	Risks of conservative management in women with ovarian endometriomas undergoing IVF. Human Reproduction Update, 2015, 21, 486-499.	5.2	90
43	Oocyte environment: follicular fluid and cumulus cells are critical for oocyte health. Fertility and Sterility, 2015, 103, 303-316.	0.5	433
44	Individual bovine inÂvitro embryo production and cumulus cell transcriptomic analysis to distinguish cumulus-oocyte complexes with high or low developmental potential. Theriogenology, 2015, 83, 228-237.	0.9	54
45	C-phycocyanin protects against low fertility by inhibiting reactive oxygen species in aging mice. Oncotarget, 2016, 7, 17393-17409.	0.8	49
46	An Update on Oxidative Damage to Spermatozoa and Oocytes. BioMed Research International, 2016, 2016, 1-11.	0.9	81
47	Critical Role of FoxO1 in Granulosa Cell Apoptosis Caused by Oxidative Stress and Protective Effects of Grape Seed Procyanidin B2. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-16.	1.9	52
48	Chronic Exposure to Diquat Causes Reproductive Toxicity in Female Mice. PLoS ONE, 2016, 11, e0147075.	1.1	12
49	Granulosa cell apoptosis by impairing antioxidant defense system and cellular integrity in caprine antral follicles post malathion exposure. Environmental Toxicology, 2016, 31, 1944-1954.	2.1	38
50	Serum anti-MÃ¼llerian hormone levels in euthyroid adolescent girls with Hashimoto's thyroiditis: relationship to antioxidant status. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2016, 203, 204-209.	0.5	15
51	Emodin enhances cisplatin-induced cytotoxicity in human bladder cancer cells through ROS elevation and MRP1 downregulation. BMC Cancer, 2016, 16, 578.	1.1	69
52	Follicular fluid norepinephrine and dopamine concentrations are higher in polycystic ovary syndrome. Gynecological Endocrinology, 2016, 32, 460-463.	0.7	6
53	Bisphenol A-Induced Ovotoxicity Involves DNA Damage Induction to Which the Ovary Mounts a Protective Response Indicated by Increased Expression of Proteins Involved in DNA Repair and Xenobiotic Biotransformation. Toxicological Sciences, 2016, 152, 169-180.	1.4	52
54	Adolescent Varicocele. , 2016, , 211-228.		0

#	Article	IF	Citations
55	Impact of a western diet on the ovarian and serum metabolome. Maturitas, 2016, 92, 134-142.	1.0	11
56	Ovario-protective effects of genistein against cyclophosphamide toxicity in rats: Role of anti-mÂ¼llerian hormone and oestradiol. European Journal of Pharmacology, 2016, 789, 163-171.	1.7	30
57	NADPH oxidase-4 and MATER expressions in granulosa cells: Relationships with ovarian aging. Life Sciences, 2016, 162, 108-114.	2.0	9
58	Cosmetics use and age at menopause: is there a connection?. Fertility and Sterility, 2016, 106, 978-990.	0.5	25
59	Effects of melatonin on follicular atresia and granulosa cell apoptosis in the porcine. Molecular Reproduction and Development, 2016, 83, 692-700.	1.0	56
60	Oxidative Stress in Granulosa-Lutein Cells From In Vitro Fertilization Patients. Reproductive Sciences, 2016, 23, 1656-1661.	1.1	59
61	L-DOPA in the hu man ovarian follicular fluid acts as an antioxidant factor on granulosa cells. Journal of Ovarian Research, 2016, 9, 62.	1.3	7
62	Oxidative stress in oocytes during midprophase induces premature loss of cohesion and chromosome segregation errors. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6823-E6830.	3.3	82
63	Yifuning postpones ovarian aging through antioxidant mechanisms and suppression of the Rb/p53 signal transduction pathway. Molecular Medicine Reports, 2016, 14, 888-896.	1.1	9
64	Charged iron particles, components of space radiation, destroy ovarian follicles. Human Reproduction, 2016, 31, 1816-1826.	0.4	28
65	Global transcriptional expression in ovarian follicles from Tsaiya ducks (Anas platyrhynchos) with a high-fertilization rate. Theriogenology, 2016, 85, 1439-1445.e1.	0.9	18
66	Exposure of Female Rats to an Environmentally Relevant Mixture of Brominated Flame Retardants Targets the Ovary, Affecting Folliculogenesis and Steroidogenesis1. Biology of Reproduction, 2016, 94, 9.	1.2	33
67	Acute iron overload leads to hypothalamic-pituitary-gonadal axis abnormalities in female rats. Toxicology Letters, 2016, 240, 196-213.	0.4	25
68	A new method to assess oxidative stress in ART cycles. Gynecological Endocrinology, 2016, 32, 210-212.	0.7	6
69	Oxidative stress and altered steroidogenesis in the ovary by cholinergic stimulation of coeliac ganglion in the first proestrous in rats. Implication of nitric oxide. Nitric Oxide - Biology and Chemistry, 2016, 53, 45-53.	1.2	6
70	17Î²-estradiol prevents experimentally-induced oxidative damage to membrane lipids and nuclear DNA in porcine ovary. Systems Biology in Reproductive Medicine, 2016, 62, 17-21.	1.0	28
71	Dietary-Induced Chronic Hypothyroidism Negatively Affects Rat Follicular Development and Ovulation Rate and Is Associated with Oxidative Stress1. Biology of Reproduction, 2016, 94, 90.	1.2	22
72	Transmission electron microscopic analysis of malathion-induced cytotoxicity in granulosa cells of caprine antral follicles. Ultrastructural Pathology, 2016, 40, 43-50.	0.4	12

#	Article	IF	Citations
73	Implication of thymoquinone as a remedy for polycystic ovary in rat. Pharmaceutical Biology, 2016, 54, 674-685.	1.3	24
74	Nâ€acetyl cysteineâ€mediated effective attenuation of methoxychlorâ€induced granulosa cell apoptosis by counteracting reactive oxygen species generation in caprine ovary. Environmental Toxicology, 2017, 32, 156-166.	2.1	39
75	Effect of doxorubicin-induced ovarian toxicity on mouse ovarian granulosa cells. Regulatory Toxicology and Pharmacology, 2017, 86, 1-10.	1.3	26
77	Starvation at birth impairs germ cell cyst breakdown and increases autophagy and apoptosis in mouse oocytes. Cell Death and Disease, 2017, 8, e2613-e2613.	2.7	41
78	The association between coenzyme Q10 concentrations in follicular fluid with embryo morphokinetics and pregnancy rate in assisted reproductive techniques. Journal of Assisted Reproduction and Genetics, 2017, 34, 599-605.	1.2	31
79	Metabolic Markers and Statistical Prediction of Serous Ovarian Cancer Aggressiveness by Ambient Ionization Mass Spectrometry Imaging. Cancer Research, 2017, 77, 2903-2913.	0.4	106
80	Histone acetyltransferase KAT8 is essential for mouse oocyte development by regulating ROS levels. Development (Cambridge), 2017, 144, 2165-2174.	1.2	25
81	Overview and Sources of Reactive Oxygen Species (ROS) in the Reproductive System. , 2017, , 1-16.		6
82	Quercetin supplemented diet improves follicular development, oocyte quality, and reduces ovarian apoptosis in rabbits during summer heat stress. Theriogenology, 2017, 96, 136-141.	0.9	45
83	Effects of NRF1 on steroidogenesis and apoptosis in goat luteinized granulosa cells. Reproduction, 2017, 154, 111-122.	1.1	26
84	MicroRNA-145 protects follicular granulosa cells against oxidative stress-induced apoptosis by targeting KrÃ¼ppel-like factor 4. Molecular and Cellular Endocrinology, 2017, 452, 138-147.	1.6	38
85	Temporal effect of maternal heat stress during gestation on the fertility and anti-MÃ¼llerian hormone concentration of offspring in bovine. Theriogenology, 2017, 99, 69-78.	0.9	40
86	Sulforaphane attenuates di-N-butylphthalate-induced reproductive damage in pubertal mice: Involvement of the Nrf2-antioxidant system. Environmental Toxicology, 2017, 32, 1908-1917.	2.1	30
87	Equilibrium between antiâ€oxidants and reactive oxygen species: a requisite for oocyte development and maturation. Reproductive Medicine and Biology, 2017, 16, 28-35.	1.0	93
88	Nanosilver particles increase follicular atresia: Correlation with oxidative stress and aromatization. Environmental Toxicology, 2017, 32, 2244-2255.	2.1	19
89	Menstrual Cycle Hormone Changes in Women Traversing Menopause: Study of Womenâ€™s Health Across the Nation. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 2218-2229.	1.8	41
90	The Relevance of Mammalian Peroxiredoxins to the Gametogenesis, Embryogenesis, and Pregnancy Outcomes. Reproductive Sciences, 2017, 24, 812-817.	1.1	5
91	Melatonin Improves the Quality of Inferior Bovine Oocytes and Promoted Their Subsequent IVF Embryo Development: Mechanisms and Results. Molecules, 2017, 22, 2059.	1.7	47

#	Article	IF	Citations
92	Age-Related Loss of Cohesion: Causes and Effects. International Journal of Molecular Sciences, 2017, 18, 1578.	1.8	37
93	miR-181a increases FoxO1 acetylation and promotes granulosa cell apoptosis via SIRT1 downregulation. Cell Death and Disease, 2017, 8, e3088-e3088.	2.7	116
94	The Natural Carotenoid Crocetin and the Synthetic Tellurium Compound AS101 Protect the Ovary against Cyclophosphamide by Modulating SIRT1 and Mitochondrial Markers. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-14.	1.9	35
95	The Protective Effect of N-Acetylcysteine on Ionizing Radiation Induced Ovarian Failure and Loss of Ovarian Reserve in Female Mouse. BioMed Research International, 2017, 2017, 1-11.	0.9	19
96	Cellular and exosome mediated molecular defense mechanism in bovine granulosa cells exposed to oxidative stress. PLoS ONE, 2017, 12, e0187569.	1.1	106
97	Protective effects of sulforaphane on di-n-butylphthalate-induced testicular oxidative stress injury in male mice offsprings via activating Nrf2/ARE pathway. Oncotarget, 2017, 8, 82956-82967.	0.8	17
98	Oxidative stress-induced apoptosis in granulosa cells involves JNK, p53 and Puma. Oncotarget, 2017, 8, 25310-25322.	0.8	138
99	Genome-wide differential expression profiling of mRNAs and lncRNAs associated with prolificacy in Hu sheep. Bioscience Reports, 2018, 38, .	1.1	66
100	Nâ€Acetylâ€cysteine mediated inhibition of spermatogonial cells apoptosis against malathion exposure in testicular tissue. Journal of Biochemical and Molecular Toxicology, 2018, 32, e22046.	1.4	31
101	TMCO1 is essential for ovarian follicle development by regulating ER Ca2+ store of granulosa cells. Cell Death and Differentiation, 2018, 25, 1686-1701.	5.0	49
102	Influence of follicular fluid and cumulus cells on oocyte quality: clinical implications. Journal of Assisted Reproduction and Genetics, 2018, 35, 735-751.	1.2	163
103	Protective Effects of Quercetin Against Cadmium Chloride-Induced Oxidative Injury in Goat Sperm and Zygotes. Biological Trace Element Research, 2018, 185, 344-355.	1.9	33
104	Transcriptome profiling of bovine ovarian theca cells treated with fibroblast growth factor 9. Domestic Animal Endocrinology, 2018, 63, 48-58.	0.8	8
105	Both in vivo FSH depletion and follicular exposure to Gonadotrophin-releasing hormone analogues in vitro are not effective to prevent follicular depletion during chemotherapy in mice. Molecular Human Reproduction, 2018, 24, 221-232.	1.3	15
106	Anthocyanins inhibit high glucose-induced renal tubular cell apoptosis caused by oxidative stress in db/db mice. International Journal of Molecular Medicine, 2018, 41, 1608-1618.	1.8	35
107	Exercise and chemotherapy-induced amenorrhea. Medical Hypotheses, 2018, 116, 49-53.	0.8	2
108	Beneficial effects of melatonin on in vitro embryo production from juvenile goat oocytes. Reproduction, Fertility and Development, 2018, 30, 253.	0.1	34
109	Activation of Nrf2 might reduce oxidative stress in human granulosa cells. Molecular and Cellular Endocrinology, 2018, 470, 96-104.	1.6	46

#	Article	IF	Citations
110	Oxidative stress in female cancers. Oncotarget, 2018, 9, 23824-23842.	0.8	68
111	Associations of urinary polycyclic aromatic hydrocarbons with age at natural menopause in U.S. women aged 35â€“65, NHANES 2003â€“2012. Environmental Pollution, 2018, 243, 1878-1886.	3.7	10
112	Protective effects of mangafodipir against chemotherapy-induced ovarian damage in mice. Reproductive Biology and Endocrinology, 2018, 16, 106.	1.4	19
113	Improved embryo development using high cysteamine concentration during IVM and sperm co-culture with COCs previous to ICSI in bovine. Theriogenology, 2018, 117, 26-33.	0.9	9
114	Antiapoptotic effects of vitamins C and E against cypermethrinâ€induced oxidative stress and spermatogonial germ cell apoptosis. Journal of Biochemical and Molecular Toxicology, 2018, 32, e22174.	1.4	26
115	Parity-Dependent Hemosiderin and Lipofuscin Accumulation in the Reproductively Aged Mouse Ovary. Analytical Cellular Pathology, 2018, 2018, 1-7.	0.7	12
116	Grape Seed Proanthocyanidin Extract Prevents Ovarian Aging by Inhibiting Oxidative Stress in the Hens. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-16.	1.9	71
117	Practical implications of mineral and vitamin imbalance in grazing sheep. Animal Production Science, 2018, 58, 1438.	0.6	20
118	Transcripts encoding free radical scavengers in human granulosa cells from primordial and primary ovarian follicles. Journal of Assisted Reproduction and Genetics, 2018, 35, 1787-1798.	1.2	9
119	GDF-9 and BMP-15 direct the follicle symphony. Journal of Assisted Reproduction and Genetics, 2018, 35, 1741-1750.	1.2	134
120	A Biochemical Approach to Detect Oxidative Stress in Infertile Women Undergoing Assisted Reproductive Technology Procedures. International Journal of Molecular Sciences, 2018, 19, 592.	1.8	39
121	Structure of preantral follicles, oxidative status and developmental competence of in vitro matured oocytes after ovary storage at 4ÂÂ°C in the domestic cat model. Reproductive Biology and Endocrinology, 2018, 16, 76.	1.4	16
122	Ascorbic acid and CoQ10 ameliorate the reproductive ability of superoxide dismutase 1-deficient female miceâ€. Biology of Reproduction, 2019, 102, 102-115.	1.2	4
123	Quercetin protects human granulosa cells against oxidative stress via thioredoxin system. Reproductive Biology, 2019, 19, 245-254.	0.9	27
124	Proposed Key Characteristics of Female Reproductive Toxicants as an Approach for Organizing and Evaluating Mechanistic Data in Hazard Assessment. Environmental Health Perspectives, 2019, 127, 75001.	2.8	48
125	Effect of transcutaneous electrical acupoint stimulation on protecting against radiotherapy- induced ovarian damage in mice. Journal of Ovarian Research, 2019, 12, 65.	1.3	20
126	Role of oxidative stress in follicular fluid on embryos of patients undergoing assisted reproductive technology treatment. Journal of Obstetrics and Gynaecology Research, 2019, 45, 1884-1891.	0.6	9
127	Reproductive hazards of space travel in women and men. Nature Reviews Endocrinology, 2019, 15, 713-730.	4.3	57

#	Article	IF	Citations
128	Melatonin improves the efficiency of super-ovulation and timed artificial insemination in sheep. PeerJ, 2019, 7, e6750.	0.9	10
129	Ovarian Follicle Depletion Induced by Chemotherapy and the Investigational Stages of Potential Fertility-Protective Treatmentsâ€"A Review. International Journal of Molecular Sciences, 2019, 20, 4720.	1.8	44
130	Antioxidant effects of Allium cepa and cinnamon on biochemical parameters and ultrastructure of ovarian tissue in extremely low frequency electromagnetic field exposed rats. Comparative Clinical Pathology, 2019, 28, 1237-1244.	0.3	1
131	Protective properties of glycogen synthase kinase-3 inhibition against doxorubicin-induced oxidative damage to mouse ovarian reserve. Biomedicine and Pharmacotherapy, 2019, 116, 108963.	2.5	22
132	Implications from early life stress on the development of mouse ovarian follicles: Focus on oxidative stress. Journal of Obstetrics and Gynaecology Research, 2019, 45, 1506-1514.	0.6	7
133	DNA damage and primordial follicle activation after in vitro culture of sheep ovarian cortex in Morus nigra leaf extract. Pesquisa Veterinaria Brasileira, 2019, 39, 85-92.	0.5	1
134	Increased levels of superoxide dismutase suppress meiotic segregation errors in aging oocytes. Chromosoma, 2019, 128, 215-222.	1.0	26
135	The NADPH oxidase 4 is a major source of hydrogen peroxide in human granulosa-lutein and granulosa tumor cells. Scientific Reports, 2019, 9, 3585.	1.6	27
136	Activation of Nrf2/Keap1 pathway by oral Dimethylfumarate administration alleviates oxidative stress and age-associated infertility might be delayed in the mouse ovary. Reproductive Biology and Endocrinology, 2019, 17, 23.	1.4	37
137	Performance of the MasSpec Pen for Rapid Diagnosis of Ovarian Cancer. Clinical Chemistry, 2019, 65, 674-683.	1.5	77
138	Soy isoflavones protect against oxidative stress and diminish apoptosis in ovary of middle-aged female rats. Gynecological Endocrinology, 2019, 35, 586-590.	0.7	13
139	Exposure to phthalates in couples undergoing in vitro fertilization treatment and its association with oxidative stress and DNA damage. Environmental Research, 2019, 169, 396-408.	3.7	28
140	Effective attenuation of glyphosateâ€induced oxidative stress and granulosa cell apoptosis by vitamins C and E in caprines. Molecular Reproduction and Development, 2019, 86, 42-52.	1.0	24
141	Loss of pigment epithelium-derived factor leads to ovarian oxidative damage accompanied by diminished ovarian reserve in mice. Life Sciences, 2019, 216, 129-139.	2.0	16
142	Profile of melatonin and its receptors and synthesizing enzymes in cumulusâ€"oocyte complexes of the developing sheep antral follicleâ€"a potential estradiol-mediated mechanism. Reproductive Biology and Endocrinology, 2019, 17, 1.	1.4	77
143	Pesticides induced oxidative stress and female infertility: a review. Toxin Reviews, 2020, 39, 1-13.	1.5	41
144	Multiple dose treatment reduces cyclophosphamideâ€induced ovarian follicular loss in mice. Birth Defects Research, 2020, 112, 71-80.	0.8	5
145	Integrative assessment of low-dose gamma radiation effects on Daphnia magna reproduction: Toxicity pathway assembly and AOP development. Science of the Total Environment, 2020, 705, 135912.	3.9	36

#	Article	IF	Citations
146	The antioxidant curcumin postpones ovarian aging in young and middle-aged mice. Reproduction, Fertility and Development, 2020, 32, 292.	0.1	38
147	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. Animal Feed Science and Technology, 2020, 269, 114682.	1.1	10
148	Novel molecular mechanisms underlying the ameliorative effect of N-acetyl-L-cysteine against Ï'-radiation-induced premature ovarian failure in rats. Ecotoxicology and Environmental Safety, 2020, 206, 111190.	2.9	5
149	Characteristics of Circular RNA Expression Profiles of Porcine Granulosa Cells in Healthy and Atretic Antral Follicles. International Journal of Molecular Sciences, 2020, 21, 5217.	1.8	19
150	Oxidized Oils and Oxidized Proteins Induce Apoptosis in Granulosa Cells by Increasing Oxidative Stress in Ovaries of Laying Hens. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-11.	1.9	9
151	Ascorbic acid ameliorates dysregulated folliculogenesis induced by monoâ€(2â€ethylhexyl)phthalate in neonatal mouse ovaries via reducing ovarian oxidative stress. Reproduction in Domestic Animals, 2020, 55, 1418-1424.	0.6	6
152	A novel approach to nonsurgical sterilization; application of menadioneâ€modified gonocyteâ€targeting M13 bacteriophage for germ cell ablation in utero. Pharmacology Research and Perspectives, 2020, 8, e00654.	1.1	2
153	Effects of Î±-lipoic acid and myo-inositol supplementation on the oocyte environment of infertile obese women: A preliminary study. Reproductive Biology, 2020, 20, 541-546.	0.9	3
154	Alphaâ€lipoic acid improves the reproduction performance of breeder hens during the late eggâ€laying period. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 1788-1797.	1.0	11
155	Effect of animal-sourced bioactive peptides on the in vitro development of mouse preantral follicles. Journal of Ovarian Research, 2020, 13, 108.	1.3	6
156	Selection of Immature Cat Oocytes with Brilliant Cresyl Blue Stain Improves In Vitro Embryo Production during Non-Breeding Season. Animals, 2020, 10, 1496.	1.0	2
157	Investigation of protective effect of ellagic acid in phthalates-induced reproductive damage. Drug and Chemical Toxicology, 2022, 45, 1652-1659.	1.2	5
158	Peroxiredoxin 4 protects against ovarian ageing by ameliorating d-galactose-induced oxidative damage in mice. Cell Death and Disease, 2020, 11, 1053.	2.7	42
159	Effects of follicular fluid oxidative status on human mural granulosa cells, oocyte competency and ICSI parameters. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2020, 252, 127-136.	0.5	8
160	Curcumin-loaded super-paramagnetic iron oxide nanoparticle affects on apoptotic factors expression and histological changes in a prepubertal mouse model of polycystic ovary syndrome-induced by dehydroepiandrosterone - A molecular and stereological study. Life Sciences, 2020, 249, 117515.	2.0	20
161	Rescue role of hesperidin in 4-vinylcyclohexene diepoxide-induced toxicity in the brain, ovary and uterus of wistar rats. Journal of Basic and Clinical Physiology and Pharmacology, 2020, 31, .	0.7	3
162	The necessity of antioxidant inclusion in caprine and ovine semen extenders: A systematic review complemented with computational insight. Reproduction in Domestic Animals, 2020, 55, 1027-1043.	0.6	11
163	Effect of decoction simplicia pulutan (Urena lobata L.) leaves against the number of follicles strains Balb-C mice. AIP Conference Proceedings, 2020, , .	0.3	0

#	Article	IF	Citations
164	hUMSC transplantation restores ovarian function in POI rats by inhibiting autophagy of theca-interstitial cells via the AMPK/mTOR signaling pathway. Stem Cell Research and Therapy, 2020, 11, 268.	2.4	32
165	Three Complete Linkage SNPs ofGDF9Gene Affect the Litter Size Probably Mediated by OCT1 in Hu Sheep. DNA and Cell Biology, 2020, 39, 563-571.	0.9	7
166	Extracellular vesicle mediated molecular signaling in ovarian follicle: Implication for oocyte developmental competence. Theriogenology, 2020, 150, 70-74.	0.9	26
167	Antioxidant supplementation partially rescues accelerated ovarian follicle loss, but not oocyte quality, of glutathione-deficient miceâ€. Biology of Reproduction, 2020, 102, 1065-1079.	1.2	11
168	The use of autologous platelet-rich plasma (PRP) versus no intervention in women with low ovarian reserve undergoing fertility treatment: a non-randomized interventional study. Journal of Assisted Reproduction and Genetics, 2020, 37, 855-863.	1.2	48
169	Adherence to healthy dietary patterns and outcomes of assisted reproduction: a systematic review and meta-analysis. International Journal of Food Sciences and Nutrition, 2021, 72, 148-159.	1.3	3
170	Effects of PM2.5 exposure on reproductive system and its mechanisms. Chemosphere, 2021, 264, 128436.	4.2	55
171	Oxidative Stress in Oocytes and Embryo Development: Implications for In Vitro Systems. Antioxidants and Redox Signaling, 2021, 34, 1394-1406.	2.5	30
172	Dietary supplements in the management of varicoceleâ€induced infertility: A review of potential mechanisms. Andrologia, 2021, 53, e13879.	1.0	5
173	Emodin Induced Necroptosis and Inhibited Glycolysis in the Renal Cancer Cells by Enhancing ROS. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-17.	1.9	22
174	Toxicant effects on mammalian oocyte mitochondriaâ€. Biology of Reproduction, 2021, 104, 784-793.	1.2	14
175	Effects of injectable trace element and vitamin supplementation during the gestational, peri-parturient, or early lactational periods on neutrophil functions and pregnancy rate in dairy cows. Animal Reproduction Science, 2021, 225, 106686.	0.5	8
176	Celastrol Prevents Oxidative Stress Effects on FSHR, PAPP, and CYP19A1 Gene Expression in Cultured Human Granulosa-Lutein Cells. International Journal of Molecular Sciences, 2021, 22, 3596.	1.8	3
177	The Ameliorating Effects of Bushen Huatan Granules and Kunling Wan on Polycystic Ovary Syndrome Induced by Dehydroepiandrosterone in Rats. Frontiers in Physiology, 2021, 12, 525145.	1.3	9
178	Physical activity as a non-pharmacological and useful strategy in controlling of the apoptotic symptoms in diabetic model rats. MÃ¬Å¾narodnij EndokrinologÃ¬Änij Å½urnal, 2020, 16, 602-606.	0.1	0
179	Melatonin alleviates deoxynivalenol-induced apoptosis of human granulosa cells by reducing mutually accentuated FOXO1 and ER stress. Biology of Reproduction, 2021, 105, 554-566.	1.2	11
180	Across-generation effects of maternal heat stress during late gestation on production, female fertility and longevity traits in dairy cows. Journal of Dairy Research, 2021, 88, 147-153.	0.7	13
181	Figla promotes secondary follicle growth in mature mice. Scientific Reports, 2021, 11, 9842.	1.6	5

#	Article	IF	Citations
182	Oxidative stress and DNA damage status in couples undergoing in vitro fertilization treatment. Reproduction and Fertility, 2021, 2, 117-139.	0.6	9
183	Phthalates, ovarian function and fertility in adulthood. Best Practice and Research in Clinical Endocrinology and Metabolism, 2021, 35, 101552.	2.2	22
184	The impacts of egg storage time and maternal dietary vitamin E on the growth performance and antioxidant capacity of progeny chicks. Poultry Science, 2021, 100, 101142.	1.5	7
185	Combination of Quercetin and Vitamin E Supplementation Promotes Yolk Precursor Synthesis and Follicle Development in Aging Breeder Hens via Liverâ€“Bloodâ€“Ovary Signal Axis. Animals, 2021, 11, 1915.	1.0	24
186	Premature Ovarian Insufficiency (POI) Induced by Dynamic Intensity Modulated Radiation Therapy via P13K-AKT-FOXO3a in Rat Models. BioMed Research International, 2021, 2021, 1-9.	0.9	3
187	TRDMT1 participates in the DNA damage repair of granulosa cells in premature ovarian failure. Aging, 2021, 13, 15193-15213.	1.4	10
188	Superoxide Dismutase Expression in the Ovaries of Periodontitis Animal Models Induced by Porphyromonas gingivalis and Treated with Cassava Leaves Extract. Annals of Dentistry, 0, 28, 40-46.	0.1	0
189	Research progress of melatonin (MT) in improving ovarian function: a review of the current status. Aging, 2021, 13, 17930-17947.	1.4	13
190	EstratÃ©gias para a melhoria da eficiÃªncia do cultivo folicular in vitro: ImportÃ¢ncia da suplementaÃ§Ã£o do meio e estudo das alteraÃ§Ãµes epigenÃ©ticas. Research, Society and Development, 2021, 10, e22910918022.	0.0	2
191	Molecular Mechanism and Prevention Strategy of Chemotherapy- and Radiotherapy-Induced Ovarian Damage. International Journal of Molecular Sciences, 2021, 22, 7484.	1.8	34
192	Peroxiredoxin 1 Controls Ovulation and Ovulated Cumulusâ€“Oocyte Complex Activity through TLR4-Derived ERK1/2 Signaling in Mice. International Journal of Molecular Sciences, 2021, 22, 9437.	1.8	9
193	Protective Effects of Small Peptides from Periplaneta americana on Cyclophosphamide-induced Oxidative Stress in Rat Ovaries. Indian Journal of Pharmaceutical Education and Research, 2021, 55, 782-792.	0.3	1
194	Vitamin E and selenium supplementation synergistically alleviate the injury induced by hydrogen peroxide in bovine granulosa cells. Theriogenology, 2021, 170, 91-106.	0.9	12
195	Mesenchymal Stem Cells in Premature Ovarian Insufficiency: Mechanisms and Prospects. Frontiers in Cell and Developmental Biology, 2021, 9, 718192.	1.8	17
196	Modified Spirulina maxima Pectin Nanoparticles Improve the Developmental Competence of In Vitro Matured Porcine Oocytes. Animals, 2021, 11, 2483.	1.0	16
197	Dietary hawthorn-leaves flavonoids improves ovarian function and liver lipid metabolism in aged breeder hens. Poultry Science, 2021, 100, 101499.	1.5	24
198	Resveratrol ameliorates malathion-induced estrus cycle disorder through attenuating the ovarian tissue oxidative stress, autophagy and apoptosis. Reproductive Toxicology, 2021, 104, 8-15.	1.3	9
199	Does combination of estradiol and sesame oil improve the oocyte quality, embryo development and expressions of Zp3, E-cad, and Ctnnb1 genes in mice? An experimental study. International Journal of Reproductive BioMedicine, 2021, 19, 707-714.	0.5	0

#	Article	IF	Citations
200	Ovarian tissue damage after grafting: systematic review of strategies to improve follicle outcomes. Reproductive BioMedicine Online, 2021, 43, 351-369.	1.1	11
201	Effects of dietary vitamin E supplementation on laying performance, hatchability, and antioxidant status in molted broiler breeder hens. Journal of Applied Poultry Research, 2021, 30, 100184.	0.6	4
202	Integration of transcriptomics and non-targeted metabolomics reveals the underlying mechanism of follicular atresia in Chinese buffalo. Journal of Steroid Biochemistry and Molecular Biology, 2021, 212, 105944.	1.2	7
203	Hydroxyl radical-involved cancer therapy via Fenton reactions. Frontiers of Chemical Science and Engineering, 2022, 16, 345-363.	2.3	4
204	The effects of gallic acid and metformin on male reproductive dysfunction in diabetic mice induced by methylglyoxal: An experimental study. International Journal of Reproductive BioMedicine, 2021, 19, 715-724.	0.5	3
205	The Effect of Oxidative Stress on the Chicken Ovary: Involvement of Microbiota and Melatonin Interventions. Antioxidants, 2021, 10, 1422.	2.2	28
206	Effect of exogenous glutathione supplementation on the inÂvitro developmental competence of ovine oocytes. Theriogenology, 2021, 173, 144-155.	0.9	15
207	Association between preconceptional air pollution exposure and medical purposes for selective termination of pregnancy. Environmental Research, 2021, 202, 111743.	3.7	4
208	Dietary tributyrin improves reproductive performance, antioxidant capacity, and ovary function of broiler breeders. Poultry Science, 2021, 100, 101429.	1.5	14
209	Down regulatory response of reproductive potentials in stress-induced rats supplemented with clomifene citrate: The fate of infertility. Biomedicine and Pharmacotherapy, 2021, 143, 112208.	2.5	4
210	Assessment of oxidative stress in follicular fluid of infertile women undergoing IVF procedure. Fertility Science and Research, 2021, 8, 52.	0.1	0
211	Primate Follicular Development and Oocyte Maturation In Vitro. Advances in Experimental Medicine and Biology, 2013, 761, 43-67.	0.8	43
212	Oxidative Stress Is a Driver of Normal and Pathological Ovarian Aging. Oxidative Stress in Applied Basic Research and Clinical Practice, 2016, , 213-237.	0.4	2
213	The protective effects of pretreatment with resveratrol in cyclophosphamide-induced rat ovarian granulosa cell injury: In vitro study. Reproductive Toxicology, 2020, 95, 66-74.	1.3	22
214	Catalpol protects rat ovarian granulosa cells against oxidative stress and apoptosis through modulating the PI3K/Akt/mTOR signaling pathway. Bioscience Reports, 2020, 40, .	1.1	21
215	Stress-Induced Morphological Changes of Ovarian Histology in Female Wistar Rats. Biomedical and Pharmacology Journal, 2020, 13, 1625-1643.	0.2	6
216	Protective effect of alpha-lipoic acid and omega-3 fatty acids against cyclophosphamide-induced ovarian toxicity in rats. Veterinary World, 2020, 13, 188-196.	0.7	12
217	Chronic Stress Diminishes the Oocyte Quality and In Vitro Embryonic Development in Maternally Separated Mice. International Journal of Women's Health and Reproduction Sciences, 2020, 8, 29-36.	0.2	2

#	Article	IF	Citations
218	Lycopene ameliorates oxidative stress in the aging chicken ovary via activation of Nrf2/HO-1 pathway. Aging, 2018, 10, 2016-2036.	1.4	87
219	Resveratrol alleviates chemotherapy-induced oogonial stem cell apoptosis and ovarian aging in mice. Aging, 2019, 11, 1030-1044.	1.4	53
221	Effect of khat on ovarian oxidative stress in female rats. African Journal of Biological Sciences, 2019, 15, 53-62.	0.0	1
222	Ovarian Toxicity: From Environmental Exposure to Chemotherapy. Current Pharmaceutical Design, 2014, 20, 5388-5397.	0.9	50
223	Reactive Oxygen Species Generation and Use of Antioxidants during Maturation of Oocytes. International Journal of Fertility & Sterility, 2017, 11, 63-70.	0.2	68
224	Antioxidant supplementation to medium for in vitro embryo production in Felis catus. Polish Journal of Veterinary Sciences, 2019, 22, 573-573.	0.2	6
225	The extracellular reactive oxygen species levels in primary in vitro culture of human ovarian granulosa and cumulus cells. Medical Journal of Cell Biology (discontinued), 2020, 8, 112-117.	0.2	1
226	The effects of propolis extract on ovarian tissue and oxidative stress in rats with maternal separation stress. International Journal of Reproductive BioMedicine, 2017, 15, 509-520.	0.5	11
227	Atorvastatin attenuates the ovarian damage induced by cyclophosphamide in rat: An experimental study. International Journal of Reproductive BioMedicine, 2018, 16, 323-334.	0.5	17
228	Three Dimensional <i>In Vitro</i> Culture of Murine Secondary Follicles in a Defined Synthetic Matrix. Journal of Biomaterials and Nanobiotechnology, 2018, 09, 244-262.	1.0	6
229	Ameliorative Potential of Aqueous Extract of Broccoli Sprouts Against Triazophos Induced Ovarian Toxicity in Wistar Rats. Biomedical and Pharmacology Journal, 2021, 14, 1267-1279.	0.2	1
230	The protective effect of sulforaphane against oxidative stress in granulosa cells of patients with polycystic ovary syndrome (PCOS) through activation of AMPK/AKT/NRF2 signaling pathway. Reproductive Biology, 2021, 21, 100563.	0.9	13
231	The Ovulatory Period as Acute Inflammatory Response to Oxidative Stress and Follicle Cell Harvest. , 2012, , 39-59.		1
233	Ovarian Metabolism of Xenobiotics. , 2013, , 29-52.		0
234	Effect of Sodium Metabisulfite on Rat Ovary and Lipid Peroxidation. Iranian Journal of Toxicology, 2016, 10, 23-28.	0.1	4
235	Efficacy of the herb, withania somnifera l. In the prevention of stress-induced alterations in the ovary of rat. International Journal of Pharma and Bio Sciences, 2017, 8, .	0.1	0
236	Accumulation of Iron Oxide Nanoparticle and Conventional Iron Oxide in Rat Ovary and Oxidative Stress Caused by It. Iranian Red Crescent Medical Journal, 2018, 20, .	0.5	2
237	Combination of L-Ascorbic Acid and 2- Mercaptoethanol Reduces the Damaging Effect of Hydrogen Peroxide During in Vitro Maturation of Nili Ravi Buffalo Denuded Oocytes. International Journal of Pharma Medicine and Biological Sciences, 2019, 8, 22-27.	0.1	0

#	Article	IF	Citations
238	Isoquercetin Could Protect Against Ovariectomy-Induced Neuronal Changes in Rats. Egyptian Journal of Basic and Clinical Pharmacology, 2019, 9, .	0.7	2
239	Effects of Spirulina platensis on the Improvement of Hepatorenal Toxicity Induced by Iron Oxide in Wistar Rats Using Biochemical and Histological Methods. Shiraz E Medical Journal, 2019, 20, .	0.1	1
240	Assessment of Oxidative Stress Changes in Serum and Follicular Fluid in Relevance to GnRH rival Protocol in Iraqi Infertile Ladies Undergoing ICSI. European Journal of Medical and Health Sciences, 2019, 1, .	0.1	0
241	Histopathological alterations of male and female reproductive systems induced by alloxan in rats. Iraqi Journal of Veterinary Sciences, 2020, 35, 223-226.	0.1	2
242	Effect of Water Clover (Marsilea crenata) Ethanol Extracts on Follicle and Oocyte Diameter of Goat: In Vitro Study. Journal of Experimental Life Science, 2020, 10, 113-118.	0.1	0
243	Polystyrene microplastics induced female reproductive toxicity in mice. Journal of Hazardous Materials, 2022, 424, 127629.	6.5	107
244	Impact of imatinib or dasatinib coadministration on in vitro preantral follicle development and oocyte acquisition in cyclophosphamide-treated mice. Clinical and Experimental Reproductive Medicine, 2020, 47, 269-276.	0.5	2
245	Ketosis and its role in Bos taurus reproductive impairment. RUDN Journal of Agronomy and Animal Industries, 2020, 15, 403-416.	0.2	0
246	Resveratrol protects human luteinised granulosa cells against hydrogen peroxide-induced oxidative injury through the Sirt1. Reproduction, Fertility and Development, 2021, 33, 831-840.	0.1	8
247	The effects of propolis extract on ovarian tissue and oxidative stress in rats with maternal separation stress. International Journal of Reproductive BioMedicine, 2017, 15, 509-520.	0.5	4
248	Atorvastatin attenuates the ovarian damage induced by cyclophosphamide in rat: An experimental study. International Journal of Reproductive BioMedicine, 2018, 16, 323-334.	0.5	12
249	ginseng Extract Improves Follicular Development after Mouse Preantral Follicle 3D Culture. Cell Journal, 2019, 21, 210-219.	0.2	13
250	Effect of Powder on Ovarian Histology, Expression of Apoptotic Genes and Oxidative Stress in Diabetic Rats Fed with High Fat Diet. Iranian Journal of Pharmaceutical Research, 2019, 18, 369-382.	0.3	7
251	Astaxanthin Protects Human Granulosa Cells against Oxidative Stress through Activation of NRF2/ARE Pathway and Its Downstream Phase II Enzymes. Cell Journal, 2021, 23, 319-328.	0.2	1
252	Biocompatible Nanomaterials as an Emerging Technology in Reproductive Health; a Focus on the Male. Frontiers in Physiology, 2021, 12, 753686.	1.3	3
253	<i>In vitro</i> production of viable eggs from isolated mouse primary follicles by successive culture. Journal of Reproduction and Development, 2022, 68, 38-44.	0.5	3
254	Age-associated changes in cumulus cells and follicular fluid: the local oocyte microenvironment as a determinant of gamete quality. Biology of Reproduction, 2022, 106, 351-365.	1.2	40
255	Stress associated ovarian dysfunctions in a seasonal breeder Funambulus pennanti: Role of glucocorticoids and possible amelioration by melatonin. General and Comparative Endocrinology, 2022, 316, 113962.	0.8	4

#	Article	IF	Citations
256	Intergenerational protein deficiency and adolescent reproductive function of subsequent female generations (F1 and F2) in rat model. Current Research in Physiology, 2022, 5, 16-24.	0.8	1
257	Phthalate Exposure and Biomarkers of Oxidation of Nucleic Acids: Results on Couples Attending a Fertility Center. Toxics, 2022, 10, 61.	1.6	5
258	The Key Role of Peroxisomes in Follicular Growth, Oocyte Maturation, Ovulation, and Steroid Biosynthesis. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-17.	1.9	3
259	Protective Effect of Grape Seed Proanthocyanidins on Oxidative Damage of Chicken Follicular Granulosa Cells by Inhibiting FoxO1-Mediated Autophagy. Frontiers in Cell and Developmental Biology, 2022, 10, 762228.	1.8	9
260	Glutathione deficiency decreases lipid droplet stores and increases reactive oxygen species in mouse oocytes. Biology of Reproduction, 2022, 106, 1218-1231.	1.2	6
261	Dietary resveratrol improved production performance, egg quality, and intestinal health of laying hens under oxidative stress. Poultry Science, 2022, 101, 101886.	1.5	10
262	The Role of ROS as a Double-Edged Sword in (In)Fertility: The Impact of Cancer Treatment. Cancers, 2022, 14, 1585.	1.7	16
263	Supplementation of Dietary Quercetin and Vitamin E Promotes the Intestinal Structure and Immune Barrier Integrity in Aged Breeder Hens. Frontiers in Immunology, 2022, 13, 860889.	2.2	12
264	Oocyte metabolic function, lipid composition, and developmental potential are altered by diet in older mares. Reproduction, 2022, 163, 183-198.	1.1	8
265	Effect of hypothyroidism and thyroid autoimmunity on the ovarian reserve: A systematic review and metaâ€analysis. Reproductive Medicine and Biology, 2022, 21, e12427.	1.0	11
267	Nutritional Status of Orang Asli in Malaysia. The Malaysian Journal of Medical Sciences, 2022, 29, 17-29.	0.3	7
268	Effects of prenatal and lactational exposure to iodoacetic acid on the F1 generation of mice. Biology of Reproduction, 2022, 107, 650-663.	1.2	1
270	Flaxseed and Agnus-castuson vitex as a source of phytoestrogens and their impact on productive performance, some blood constituents, and blood oestradiol profile of aged laying hens. Italian Journal of Animal Science, 2022, 21, 821-830.	0.8	4
271	Polyphenols in Ruminant Nutrition and Their Effects on Reproduction. Antioxidants, 2022, 11, 970.	2.2	26
272	Reactive Oxygen Species in the Reproductive System: Sources and Physiological Roles. Advances in Experimental Medicine and Biology, 2022, , 9-40.	0.8	11
273	Fertility after Cancer: Risks and Successes. Cancers, 2022, 14, 2500.	1.7	7
274	Assessment of oxidative stress in follicular fluid of infertile women undergoing IVF procedure. Fertility Science and Research, 2021, 8, 52.	0.1	0
275	Phthalate Exposure: From Quantification to Risk Assessment. Toxics, 2022, 10, 330.	1.6	1

#	Article	IF	Citations
276	Resveratrol Alleviating the Ovarian Function Under Oxidative Stress by Alternating Microbiota Related Tryptophan-Kynurenine Pathway. Frontiers in Immunology, 0, 13, .	2.2	10
277	Toxic effects of AZD1208 on mouse oocytes and its possible mechanisms. Journal of Cellular Physiology, 2022, 237, 3661-3670.	2.0	1
278	Gestational Benzo[a]pyrene Exposure Destroys F1 Ovarian Germ Cells Through Mitochondrial Apoptosis Pathway and Diminishes Surviving Oocyte Quality. Toxicological Sciences, 2022, 190, 23-40.	1.4	2
279	Melatonin prevents cyclophosphamide-induced primordial follicle loss by inhibiting ovarian granulosa cell apoptosis and maintaining AMH expression. Frontiers in Endocrinology, 0, 13, .	1.5	11
280	Biological mechanisms and applied prospects of mesenchymal stem cells in premature ovarian failure. Medicine (United States), 2022, 101, e30013.	0.4	5
281	Downregulation of miR-192 Alleviates Oxidative Stress-Induced Porcine Granulosa Cell Injury by Directly Targeting Acvr2a. Cells, 2022, 11, 2362.	1.8	3
282	Effects of Chitosan Oligosaccharide on Production Performance, Egg Quality and Ovarian Function in Laying Hens with Fatty Liver Syndrome. Animals, 2022, 12, 2465.	1.0	4
283	Recombinant Humanized IgG1 Antibody Protects against oxLDL-Induced Oxidative Stress and Apoptosis in Human Monocyte/Macrophage THP-1 Cells by Upregulation of MSRA via Sirt1-FOXO1 Axis. International Journal of Molecular Sciences, 2022, 23, 11718.	1.8	0
284	Maternal exposure to PM2.5 decreases ovarian reserve in neonatal offspring mice through activating PI3K/AKT/FoxO3a pathway and ROS-dependent NF-ÎºB pathway. Toxicology, 2022, 481, 153352.	2.0	4
285	The effects of polycyclic aromatic hydrocarbons on mitochondria. , 2023, , 663-681.		0
286	The Importance of Dietary Antioxidants on Oxidative Stress, Meat and Milk Production, and Their Preservative Aspects in Farm Animals: Antioxidant Action, Animal Health, and Product Qualityâ€"Invited Review. Animals, 2022, 12, 3279.	1.0	47
287	The effects and mechanism of taxanes on chemotherapy-associated ovarian damage: A review of current evidence. Frontiers in Endocrinology, 0, 13, .	1.5	3
288	Coprophagy Prevention Affects the Reproductive Performance in New Zealand White Rabbits Is Mediated through Nox4-ROS-NFÎºB Pathway. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-13.	1.9	23
289	UPLC-MS/MS Analysis of Naturally Derived Apis mellifera Products and Their Promising Effects against Cadmium-Induced Adverse Effects in Female Rats. Nutrients, 2023, 15, 119.	1.7	6
290	Antioxidants supplementation improves the quality of inÂvitro produced ovine embryos with amendments in key development gene expressions. Theriogenology, 2023, 201, 41-52.	0.9	7
291	Ameliorative Effect of Citrus Lemon Peel Extract and Resveratrol on Premature Ovarian Failure Rat Model: Role of iNOS/Caspase-3 Pathway. Molecules, 2023, 28, 122.	1.7	5
292	Mechanism of Guilu Erxian ointment based on targeted metabolomics in intervening in vitro fertilization and embryo transfer outcome in older patients with poor ovarian response of kidney-qi deficiency type. Frontiers in Endocrinology, 0, 14, .	1.5	1
293	Se-Enriched Cardamine violifolia Improves Laying Performance and Regulates Ovarian Antioxidative Function in Aging Laying Hens. Antioxidants, 2023, 12, 450.	2.2	6

#	Article	IF	Citations
294	Effects of dietary arginine supplementation on production performance, serum biochemicals, antioxidant capacity, and immunity of laying Wulong geese. Poultry Science, 2023, 102, 102727.	1.5	2
295	The protective effect of resveratrol on largemouth bass (Micropterus salmoides) during out-of-season spawning. Fish and Shellfish Immunology, 2023, 136, 108688.	1.6	2
297	Human Pluripotent Stem Cellâ€“Mesenchymal Stem Cell-Derived Exosomes Promote Ovarian Granulosa Cell Proliferation and Attenuate Cell Apoptosis Induced by Cyclophosphamide in a POI-Like Mouse Model. Molecules, 2023, 28, 2112.	1.7	5
298	The protective effects of astaxanthin on pre-antral follicle degeneration in ovine vitrified/warmed ovarian tissue. Cryobiology, 2023, 111, 76-83.	0.3	1
299	Preventive Supplementation of Vitamin E and Selenium as a Factor in Improving the Success Rate of Embryo Transfer in Cattle. Acta Veterinaria, 2023, 73, 87-101.	0.2	0
300	Betaine ameliorates high glucose-induced oxidative stress in granulosa cells. Reproduction, Fertility and Development, 2023, 35, 395-405.	0.1	2
301	Comparison of the effect of quercetin and daidzein on production performance, anti-oxidation, hormones, and cecal microflora in laying hens during the late laying period. Poultry Science, 2023, 102, 102674.	1.5	5