

The role of free radicals and antioxidants in reproduction

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Antioxidants and fertility. <i>Arbor Clinical Nutrition Updates</i> , 2007, 276, 1-4.	0.4	1
2	Fatty acid composition of human spermatozoa and seminal plasma levels of oxidative stress biomarkers in subfertile males. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2007, 77, 117-121.	1.0	83
3	Indices of oxidative stress in pregnancy with fetal growth restriction. <i>Free Radical Research</i> , 2007, 41, 870-873.	1.5	59
4	The male reproductive system and the effect of an extract of a medicinal plant (<i>Hypericum perforatum</i>) on the labeling process of blood constituents with technetium-99m. <i>Brazilian Archives of Biology and Technology</i> , 2007, 50, 97-104.	0.5	2
5	Direct MALDI-MS analysis of cardiolipin from rat organs sections. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 567-577.	1.2	108
6	Levels of oxidative stress biomarkers in seminal plasma and their relationship with seminal parameters. <i>BMC Clinical Pathology</i> , 2007, 7, 6.	1.8	113
7	Seminal plasma levels of free 8-isoprostane and its relationship with sperm quality parameters. <i>Indian Journal of Clinical Biochemistry</i> , 2008, 23, 49-52.	0.9	8
8	Ecotoxicological applications and significance of the comet assay. <i>Mutagenesis</i> , 2008, 23, 207-221.	1.0	410
9	Oxidation flux change on spermatozoa membrane in important pathologic conditions leading to male infertility. <i>Andrologia</i> , 2008, 40, 192-194.	1.0	0
10	Dietary selenium deficiency as well as excess supplementation induces multiple defects in mouse epididymal spermatozoa: understanding the role of selenium in male fertility. <i>Journal of Developmental and Physical Disabilities</i> , 2008, 31, 438-449.	3.6	48
11	Ketoconazole-induced testicular damage in rats reduced by <i>Gentiana</i> extract. <i>Experimental and Toxicologic Pathology</i> , 2008, 59, 377-384.	2.1	33
13	Oxyradical-induced GFP damage and loss of fluorescence. <i>International Journal of Biological Macromolecules</i> , 2008, 43, 182-186.	3.6	37
14	Mitochondrial DNA variant A4917G, smoking and spontaneous preterm birth. <i>Mitochondrion</i> , 2008, 8, 130-135.	1.6	18
15	FECUNDITY AND SURVIVAL IN RELATION TO RESISTANCE TO OXIDATIVE STRESS IN A FREE-LIVING BIRD. <i>Ecology</i> , 2008, 89, 2584-2593.	1.5	189
16	Supplementation with antioxidants fails to increase the total antioxidant capacity of several cell lines in culture. <i>Biomedicine and Pharmacotherapy</i> , 2008, 62, 179-188.	2.5	18
17	Increase of oxidative stress in human sperm with lower motility. <i>Fertility and Sterility</i> , 2008, 89, 1183-1190.	0.5	228
18	Pathogenic mechanisms in endometriosis-associated infertility. <i>Fertility and Sterility</i> , 2008, 90, 247-257.	0.5	340
19	Effect of cigarette smoking on antioxidant levels and presence of leukocytospermia in infertile men: a prospective study. <i>Fertility and Sterility</i> , 2008, 90, 278-283.	0.5	63

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20	Re: Attenuation of Oxidative Stress After Varicocelectomy in Subfertile Patients With Varicocele. <i>Journal of Urology</i> , 2008, 180, 1190-1191.	0.2	2
21	Nutrition et infertilit� masculine : revue de la litt�rature. <i>Cahiers De Nutrition Et De Dietetique</i> , 2008, 43, 198-208.	0.2	2
22	Redox Considerations in Female Reproductive Function and Assisted Reproduction: From Molecular Mechanisms to Health Implications. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 1375-1404.	2.5	272
23	Methoxychlor and Estradiol Induce Oxidative Stress DNA Damage in the Mouse Ovarian Surface Epithelium. <i>Toxicological Sciences</i> , 2008, 105, 182-187.	1.4	41
24	Paraoxonase-1 activity in patients with hyperemesis gravidarum. <i>Redox Report</i> , 2008, 13, 134-138.	1.4	16
25	Treatment strategies for endometriosis. <i>Expert Opinion on Pharmacotherapy</i> , 2008, 9, 243-255.	0.9	65
26	Antioxidant Systems and Oxidative Stress in the Testes. <i>Oxidative Medicine and Cellular Longevity</i> , 2008, 1, 15-24.	1.9	570
27	The Impact of Oxidative Stress on Female Reproduction and ART: An Evidence-Based Review. , 0, , 629-642.		5
28	Pathological changes induced by rancid feed in rats and effects on growth and protein utilisation. <i>Acta Veterinaria Hungarica</i> , 2009, 57, 247-261.	0.2	2
29	Superoxide dismutase expression in human cumulus oophorus cells. <i>Molecular Human Reproduction</i> , 2009, 15, 411-419.	1.3	104
30	Association of sperm apoptosis and DNA ploidy with sperm chromatin quality in human spermatozoa. <i>Fertility and Sterility</i> , 2009, 91, 1110-1118.	0.5	41
31	Melatonin and the ovary: physiological and pathophysiological implications. <i>Fertility and Sterility</i> , 2009, 92, 328-343.	0.5	363
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33	Physiologic and pathologic levels of reactive oxygen species in neat semen of infertile men. <i>Fertility and Sterility</i> , 2009, 92, 1626-1631.	0.5	115
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36	Could oxidative stress influence the in-vitro maturation of oocytes?. <i>Reproductive BioMedicine Online</i> , 2009, 18, 864-880.	1.1	231
37	Free thiols in human spermatozoa: are Na ⁺ /K ⁺ -ATPase, Ca ²⁺ -ATPase activities involved in sperm motility through peroxynitrite formation?. <i>Reproductive BioMedicine Online</i> , 2009, 18, 132-140.	1.1	38

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38	Oxidative stress-mediated essential polyunsaturated fatty acid alterations in female infertility. <i>Human Fertility</i> , 2009, 12, 28-33.	0.7	13
39	The effect of diet and cardiovascular risk on ovarian aging in cynomolgus monkeys (<i>Macaca Tj ETQq1</i>). <i>Reproductive Biology and Fertility</i> , 2009, 10, 107-115.	0.8	25
40	Laparoscopic surgery for endometriosis-associated infertility: a pathophysiologic approach. <i>Gynecological Surgery</i> , 2010, 7, 319-328.	0.9	1
41	Can iron be teratogenic?. <i>BioMetals</i> , 2010, 23, 181-184.	1.8	13
42	Reactive oxygen and nitrogen species in normal physiological processes. <i>Acta Physiologica</i> , 2010, 198, 15-35.	1.8	114
43	Effects of H ₂ O ₂ exposure on human sperm motility parameters, reactive oxygen species levels and nitric oxide levels. <i>Andrologia</i> , 2010, 42, 206-210.	1.0	85
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48	The roles of cellular reactive oxygen species, oxidative stress and antioxidants in pregnancy outcomes. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1634-1650.	1.2	565
49	Relevance of testicular sperm DNA oxidation for the outcome of ovum donation cycles. <i>Fertility and Sterility</i> , 2010, 94, 979-988.	0.5	11
50	Assessment of sperm factors possibly involved in early recurrent pregnancy loss. <i>Fertility and Sterility</i> , 2010, 94, 1465-1472.	0.5	95
51	Sperm function and seminal oxidative stress as tools to identify sperm pathologies in infertile men. <i>Fertility and Sterility</i> , 2010, 93, 297-300.	0.5	31
52	Characterization of an ovary-specific glutathione peroxidase from the shrimp <i>Metapenaeus ensis</i> and its role in crustacean reproduction. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2010, 155, 26-33.	0.7	28
53	Redox status of equine seminal plasma reflects the pattern and magnitude of DNA damage in sperm cells. <i>Theriogenology</i> , 2010, 74, 1677-1684.	0.9	23
54	Hydrogen Peroxide Modifies Human Sperm Peroxiredoxins in a Dose-Dependent Manner. <i>Biology of Reproduction</i> , 2011, 84, 238-247.	1.2	99
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56	The Role of Antioxidants in Human Health. ACS Symposium Series, 2011, , 1-37.	0.5	82
57	7 Feast or Famine: In the fast lane to puberty. , 2011, , 59-68.		0
58	Reduced glutathione content in human sperm is decreased after cryopreservation: Effect of the addition of reduced glutathione to the freezing and thawing extenders. Cryobiology, 2011, 62, 40-46.	0.3	125
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62	Impact of oxidative stress on male fertility – A review. Acta Veterinaria Hungarica, 2011, 59, 465-484.	0.2	83
63	Stanniocalcin 1 affects redox status of swine granulosa cells. Regulatory Peptides, 2011, 168, 45-49.	1.9	10
64	Elevated amniotic fluid F2-isoprostane: A potential predictive marker for preeclampsia. Free Radical Biology and Medicine, 2011, 50, 1124-1130.	1.3	18
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66	Radiation-Induced Testicular Injury and Its Amelioration by <i>Tinospora cordifolia</i> (An Indian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	0.5	40
67	Treatment of idiopathic asthenozoospermia, either isolated or oligoasthenozoospermia, with $\hat{\pm}$ -lipoic acid. Human Andrology, 2012, 2, 94-98.	0.2	4
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73	The Impact of Shock Wave Lithotripsy on Male Fertility: A Critical Analysis of Existing Evidence. Urology, 2012, 79, 492-500.	0.5	5
74	Analysis of follicular fluid and serum markers of oxidative stress in women with infertility related to endometriosis. Fertility and Sterility, 2012, 98, 126-130.	0.5	129

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75	Low Amounts and High Thiol Oxidation of Peroxiredoxins in Spermatozoa From Infertile Men. <i>Journal of Andrology</i> , 2012, 33, 1342-1351.	2.0	86
76	The effect of diet induced obesity on testicular tissue and serum oxidative stress parameters. <i>Actas Urológicas Españolas (English Edition)</i> , 2012, 36, 153-159.	0.2	34
77	Vitamin C Enhances Vitamin E Status and Reduces Oxidative Stress Indicators in Sea Bass Larvae Fed High DHA Microdiets. <i>Lipids</i> , 2012, 47, 1193-1207.	0.7	39
78	Oxidative Stress, DNA Damage, and Apoptosis in Male Infertility. , 2012, , 433-448.		3
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81	Effects of the food contaminant semicarbazide on testicular morphology of juvenile Wistar rats. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2012, 64, 781-785.	0.1	2
82	Vitamin E effect on controlled ovarian stimulation of unexplained infertile women. <i>Journal of Assisted Reproduction and Genetics</i> , 2012, 29, 325-328.	1.2	61
83	The effect of coenzyme Q10 supplementation on partner pregnancy rate in infertile men with idiopathic oligoasthenoteratozoospermia: an open-label prospective study. <i>International Urology and Nephrology</i> , 2012, 44, 689-700.	0.6	91
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86	Assessment of paraoxonase 1, xanthine oxidase and glutathione peroxidase activities, nitric oxide and thiol levels in women with polycystic ovary syndrome. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 2012, 91, 326-330.	1.3	30
87	<i>Typha capensis</i> (Rohrb.)N.E.Br. (bulrush) extract scavenges free radicals, inhibits collagenase activity and affects human sperm motility and mitochondrial membrane potential in vitro: a pilot study. <i>Andrologia</i> , 2012, 44, 287-294.	1.0	23
88	Luteinising hormone β -subunit gene Gly102Ser variant and oxidative stress biomarkers in Egyptian infertile males. <i>Andrologia</i> , 2012, 44, 484-489.	1.0	8
89	Enalapril reduces germ cell toxicity in streptozotocin-induced diabetic rat: investigation on possible mechanisms. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2012, 385, 111-124.	1.4	29
90	The effect of alpha lipoic acid on the developmental competence of mouse isolated preantral follicles. <i>Journal of Assisted Reproduction and Genetics</i> , 2012, 29, 175-183.	1.2	61
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94	Antioxidant supplementation reduces endometriosis-related pelvic pain in humans. <i>Translational Research</i> , 2013, 161, 189-195.	2.2	104
95	Quercetin decreases steroidogenic enzyme activity, NF- κ B expression, and oxidative stress in cultured Leydig cells exposed to atrazine. <i>Molecular and Cellular Biochemistry</i> , 2013, 373, 19-28.	1.4	36
96	Increased levels of oxidative stress markers in the peritoneal fluid of women with endometriosis. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2013, 168, 187-190.	0.5	44
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99	Spermatozoa and seminal plasma fatty acids as predictors of cryopreservation success. <i>Andrology</i> , 2013, 1, 365-375.	1.9	86
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105	DNA Damage and Its Cellular Response in Mother and Fetus Exposed to Hyperglycemic Environment. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	30
106	Effects of Atrazine on Reproductive Health of Nondiabetic and Diabetic Male Rats. <i>International Scholarly Research Notices</i> , 2014, 2014, 1-7.	0.9	6
107	Morphofunctional alterations of the nonpregnant murine uterus in response to intense and exhaustive exercise are not related to oxidative stress. <i>Journal of Applied Physiology</i> , 2014, 116, 604-610.	1.2	4
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109	Processes involved in assisted reproduction technologies significantly increase sperm DNA fragmentation and phosphatidylserine translocation. <i>Andrologia</i> , 2014, 46, 86-97.	1.0	13
110	Effects of 3-hydroxyflavone on the cellular and molecular characteristics of bovine embryos produced by somatic cell nuclear transfer. <i>Molecular Reproduction and Development</i> , 2014, 81, 257-269.	1.0	4
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113	Malondialdehyde and Homocysteine Levels in Patients with Unexplained Female Infertility. <i>Journal of SAFOG</i> , 2014, 6, 18-20.	0.1	2
114	Peroxiredoxins: hidden players in the antioxidant defence of human spermatozoa. <i>Basic and Clinical Andrology</i> , 2014, 24, 4.	0.8	67
115	Iatrogenic Genetic Damage of Spermatozoa. <i>Advances in Experimental Medicine and Biology</i> , 2014, 791, 117-135.	0.8	13
116	Antioxidant Chinese yam polysaccharides and its pro-proliferative effect on endometrial epithelial cells. <i>International Journal of Biological Macromolecules</i> , 2014, 66, 81-85.	3.6	69
117	Obesity during pregnancy alters maternal oxidant balance and micronutrient status. <i>Journal of Perinatology</i> , 2014, 34, 105-111.	0.9	67
118	Mitochondria as promising targets for nutritional interventions aiming to improve performance and longevity of sows. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2014, 98, 809-821.	1.0	15
119	Vitamin C attenuates detrimental effects of diabetes mellitus on sperm parameters, chromatin quality and rate of apoptosis in mice. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014, 181, 32-36.	0.5	37
120	Inducible Nitric Oxide Synthase and Heme Oxygenase 1 Are Expressed in Human Cumulus Cells and May Be Used as Biomarkers of Oocyte Competence. <i>Reproductive Sciences</i> , 2014, 21, 1370-1377.	1.1	28
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126	Coenzyme Q10 and α -Tocopherol Prevent the Lipid Peroxidation of Cooled Equine Semen. <i>Reproduction in Domestic Animals</i> , 2015, 50, 1003-1010.	0.6	20
127	Superoxide dismutase and glutathione peroxidase activity in pregnancy complicated by diabetes. <i>Annals of Agricultural and Environmental Medicine</i> , 2015, 22, 297-300.	0.5	9
128	Melatonin Attenuates Free Radical Load and Reverses Histologic Architect and Hormone Profile Alteration in Female Rat: An In vivo Study of Pathogenesis of Letrozole Induced Poly Cystic Ovary. <i>Journal of Clinical & Cellular Immunology</i> , 2015, 06, .	1.5	4
129	The Role of Oxidative Stress and Autophagy in Atherosclerosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-10.	1.9	103

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131	Changes in milk oxidative stress biomarkers in lactating dairy cows with ovulatory and an-ovulatory oestrous cycles. Animal Reproduction Science, 2015, 158, 86-95.	0.5	13
132	E-selectin, resistin and reactive oxygen species levels in GnRH -agonist and -antagonist protocols in IVF/ICSI: a prospective cohort study. Journal of Assisted Reproduction and Genetics, 2015, 32, 959-967.	1.2	12
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137	Reference values of reactive oxygen species in seminal ejaculates using chemiluminescence assay. Journal of Assisted Reproduction and Genetics, 2015, 32, 1721-1729.	1.2	73
138	Protection of testis through antioxidant action of Mallotus roxburghianus in alloxan-induced diabetic rat model. Journal of Ethnopharmacology, 2015, 176, 268-280.	2.0	26
139	Effect of vitamin E and selenium separately and in combination on biochemical, immunological and histological changes induced by sodium azide in male mice. Experimental and Toxicologic Pathology, 2015, 67, 65-76.	2.1	28
140	Association of <i>GSTM1</i> and <i>GSTT1</i> gene polymorphisms and <i>in-vitro</i> fertilisation outcome in a population in northern Iran. Journal of Obstetrics and Gynaecology, 2015, 35, 46-48.	0.4	5
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142	Effect of cigarette smoke on DNA damage, oxidative stress, and morphological alterations in mouse testis and spermatozoa. International Journal of Hygiene and Environmental Health, 2015, 218, 117-122.	2.1	63
143	Clinical utility of sperm DNA fragmentation testing: practice recommendations based on clinical scenarios. Translational Andrology and Urology, 2016, 5, 935-950.	0.6	310
144	Ginkgo Biloba Ameliorates Subfertility Induced by Testicular Ischemia/Reperfusion Injury in Adult Wistar Rats: A Possible New Mitochondrial Mechanism. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-19.	1.9	21
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146	Role of coenzyme Q and vitamin E on stallion semen motility evaluated both in frozen and cooled-stored semen. Italian Journal of Animal Science, 2016, 15, 595-603.	0.8	6
147	Superoxide dismutase activity and gene expression levels in Saudi women with recurrent miscarriage. Molecular Medicine Reports, 2016, 13, 2606-2612.	1.1	29

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148	Evaluation of the level of thiol-disulphide homeostasis in patients with mild and severe preeclampsia. <i>Pregnancy Hypertension</i> , 2016, 6, 394-399.	0.6	17
149	Protective effect of vitamin E on sperm motility and oxidative stress in valproic acid treated rats. <i>Food and Chemical Toxicology</i> , 2016, 95, 159-167.	1.8	37
150	Evidence that oxidative stress is higher in replacement gilts than in multiparous sows. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2016, 100, 911-919.	1.0	11
151	Nutraceuticals in Reproductive and Developmental Disorders. , 2016, , 123-134.		2
152	Effect of Excess Iodine on Oxidative Stress Markers, Steroidogenic Enzyme Activities, Testicular Morphology, and Functions in Adult Male Rats. <i>Biological Trace Element Research</i> , 2016, 172, 380-394.	1.9	25
153	The role of antioxidants in sperm freezing: a review. <i>Cell and Tissue Banking</i> , 2016, 17, 745-756.	0.5	202
154	Absence of Peroxiredoxin 6 Amplifies the Effect of Oxidant Stress on Mobility and SCSA/CMA3 Defined Chromatin Quality and Impairs Fertilizing Ability of Mouse Spermatozoa. <i>Biology of Reproduction</i> , 2016, 94, 68.	1.2	47
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