## Comparison of individual antioxidants of sperm and ser men

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Citation Report

#	Article	IF	CITATIONS
2	VASECTOMY REVERSAL ASSOCIATED WITH INCREASED REACTIVE OXYGEN SPECIES PRODUCTION BY SEMINAL FLUID LEUKOCYTES AND SPERM. Journal of Urology, 1998, 160, 1341-1346.	0.4	22
3	Reactive Oxygen Species: Potential Cause for DNA Fragmentation in Human Spermatozoa. Journal of Urology, 1998, 160, 1944-1944.	0.4	2
4	Reactive oxygen species: potential cause for DNA fragmentation in human spermatozoa. Human Reproduction, 1998, 13, 896-900.	0.9	456
5	Use of Clomiphene Citrate in the Treatment of Men with High Sperm Chromatin Stability. Fertility and Sterility, 1998, 69, 1109-1115.	1.0	16
6	The effects of antioxidant supplementation during Percoll preparation on human sperm DNA integrity. Human Reproduction, 1998, 13, 1240-1247.	0.9	205
7	Oxidation and the Spermatozoa. Seminars in Reproductive Medicine, 1998, 16, 235-339.	1.1	81
8	Is antioxidant therapy a promising strategy to improve human reproduction? Are anti-oxidants useful in the treatment of male infertility?. Human Reproduction, 1998, 13, 2984-2985.	0.9	21
9	Antioxidant capacity of the epididymis. Human Reproduction, 1999, 14, 2513-2516.	0.9	59
10	Mechanisms and effects of male genital tract infection on sperm quality and fertilizing potential: the andrologist's viewpoint. Human Reproduction Update, 1999, 5, 393-398.	10.8	179
11	Antioxidant treatment of patients with asthenozoospermia or moderate oligoasthenozoospermia with high-dose vitamin C and vitamin E: a randomized, placebo-controlled, double-blind study. Human Reproduction, 1999, 14, 1028-1033.	0.9	257
12	Effect of freeze–thawing procedure on chromatin stability, morphological alteration and membrane integrity of human spermatozoa in fertile and subfertile men. Journal of Developmental and Physical Disabilities, 1999, 22, 155-162.	3.6	152
13	The presence of uric acid, an antioxidantive substance, in fish seminal plasma. Fish Physiology and Biochemistry, 1999, 21, 313-315.	2.3	47
14	Fatty acid analysis of blood serum, seminal plasma, and spermatozoa of normozoospermic vs. Asthernozoospermic males. Lipids, 1999, 34, 793-799.	1.7	122
15	Human sperm DNA integrity assessed by the Comet and ELISA assays. Mutagenesis, 1999, 14, 71-75.	2.6	61
16	The effect of ascorbate and alpha-tocopherol supplementation in vitro on DNA integrity and hydrogen peroxide-induced DNA damage in human spermatozoa. Mutagenesis, 1999, 14, 505-512.	2.6	190
17	Effect of seminal oxidative stress on fertility after vasectomy reversal. Fertility and Sterility, 1999, 71, 249-255.	1.0	74
18	Antioxidant supplementation in vitro does not improve human sperm motility. Fertility and Sterility, 1999, 72, 484-495.	1.0	125
19	The reactive oxygen species—total antioxidant capacity score is a new measure of oxidative stress to	0.9	344 _

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#	Article	IF	CITATIONS
20	Seminal plasma reduces exogenous oxidative damage to human sperm, determined by the measurement of DNA strand breaks and lipid peroxidation. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2000, 447, 249-256.	1.0	107
21	Tyrosine as important contributor to the antioxidant capacity of seminal plasma. Chemico-Biological Interactions, 2000, 127, 151-161.	4.0	75
22	Effect of DHA supplementation on DHA status and sperm motility in asthenozoospermic males. Lipids, 2000, 35, 149-154.	1.7	143
23	Relationship between levels of betaâ€carotene, vitamin A and vitamin E in the seminal plasma, spermatozoa, blood serum and liver of rainbow trout. Veterinary Record, 2000, 147, 484-486.	0.3	5
24	Effect of seminal plasma on the characteristics and fertility of rabbit spermatozoa. Animal Reproduction Science, 2000, 63, 275-282.	1.5	39
25	Effect of dietary α-tocopheryl acetate and ascorbic acid on rabbit semen stored at 5 °C. Theriogenology, 2000, 54, 523-533.	2.1	34
26	Clutathione and hypotaurine in vitro: effects on human sperm motility, DNA integrity and production of reactive oxygen species. Mutagenesis, 2000, 15, 61-68.	2.6	136
27	Relationship between oxidative stress, semen characteristics, and clinical diagnosis in men undergoing infertility investigation. Fertility and Sterility, 2000, 73, 459-464.	1.0	336
28	Addendum from Portugal—how about an annotated IFFS surveillance for the new millennium?. Fertility and Sterility, 2000, 73, 1065.	1.0	0
29	Antioxidants and male infertility. Fertility and Sterility, 2000, 73, 1065-1066.	1.0	4
30	Reply of the authors:. Fertility and Sterility, 2000, 73, 1066.	1.0	0
31	Effect of endotoxin-induced reactive oxygen species on sperm motility. Fertility and Sterility, 2001, 76, 163-166.	1.0	85
32	Varicocele and male infertility: Part II: The pathophysiology of varicoceles in the light of current molecular and genetic information. Human Reproduction Update, 2001, 7, 461-472.	10.8	193
33	Cryopreservation of human semen and prepared sperm: effects on motility parameters and DNA integrity. Fertility and Sterility, 2001, 76, 892-900.	1.0	207
34	Antioxidants and reactive oxygen species in human fertility. Environmental Toxicology and Pharmacology, 2001, 10, 189-198.	4.0	75
35	Free thiols in human spermatozoa: correlation with sperm DNA integrity. Urology, 2001, 58, 80-84.	1.0	45
37	Oxidative damage to proteins and decrease of antioxidant capacity in patients with varicocele. Free Radical Biology and Medicine, 2001, 30, 1328-1334.	2.9	63
38	The acrosome index, radical buffer capacity and number of isolated progressively motile spermatozoa predict IVF results*. Human Reproduction, 2001, 16, 1885-1892.	0.9	8

#	Article	IF	CITATIONS
39	Assessment of DNA integrity and morphology of ejaculated spermatozoa from fertile and infertile men before and after cryopreservation. Human Reproduction, 2001, 16, 1191-1199.	0.9	217
40	Relative Impact of Oxidative Stress on Male Reproductive Function. Current Medicinal Chemistry, 2001, 8, 851-862.	2.4	467
41	Polymorphisms of glutathione S-transferase M1 and male infertility in Taiwanese patients with varicocele. Human Reproduction, 2002, 17, 718-725.	0.9	71
42	Importance of mitochondrial and nuclear sperm DNA in sperm quality assessment and assisted reproduction outcome. Human Fertility, 2002, 5, 102-109.	1.7	14
43	Effect of supranutritional level of dietary α-tocopheryl acetate and selenium on rabbit semen. Theriogenology, 2002, 58, 1723-1732.	2.1	37
44	The controversial efficacy of vitamin E for human male infertility. Contraception, 2002, 65, 313-315.	1.5	35
45	Role of oxidants in male infertility: rationale, significance, and treatment. Urologic Clinics of North America, 2002, 29, 817-827.	1.8	290
46	Glutathione peroxidase (GPX) activity in seminal plasma of healthy and infertile males. Journal of Endocrinological Investigation, 2002, 25, 983-986.	3.3	43
47	In vitro isoflavone supplementation reduces hydrogen peroxide-induced DNA damage in sperm. Teratogenesis, Carcinogenesis, and Mutagenesis, 2002, 22, 227-234.	0.8	101
48	Reactive oxygen species induce reversible capacitation in human spermatozoa. Andrologia, 2003, 35, 227-232.	2.1	40
49	Glutathione and glutathione S-transferases A1-1 and P1-1 in seminal plasma may play a role in protecting against oxidative damage to spermatozoa. Fertility and Sterility, 2003, 79, 169-172.	1.0	59
50	Sperm preparation for ART. Reproductive Biology and Endocrinology, 2003, 1, 108.	3.3	396
51	Enhanced Chemiluminescence Assay vs Colorimetric Assay for Measurement of the Total Antioxidant Capacity of Human Seminal Plasma. Journal of Andrology, 2003, 24, 676-680.	2.0	95
52	Male Genital Tract Antioxidant Enzymes: Their Source, Function in the Female, and Ability to Preserve Sperm DNA Integrity in the Golden Hamster. Journal of Andrology, 2003, 24, 704-711.	2.0	46
53	Total Oxyradical Scavenging Capacity toward Different Reactive Oxygen Species in Seminal Plasma and Sperm Cells. Clinical Chemistry and Laboratory Medicine, 2003, 41, 13-9.	2.3	36
54	Human seminal plasma displays significant phospholipid transfer activity due to the presence of active phospholipid transfer protein. Molecular Human Reproduction, 2003, 9, 457-464.	2.8	24
55	Functional Significance of the Pentose Phosphate Pathway and Glutathione Reductase in the Antioxidant Defenses of Human Sperm1. Biology of Reproduction, 2004, 71, 1309-1316.	2.7	71
56	Role of antioxidants in treatment of male infertility: an overview of the literature. Reproductive BioMedicine Online, 2004, 8, 616-627.	2.4	401

ARTICLE IF CITATIONS # Andrology Lab Corner\*: Role of Oxidative Stress and Antioxidants in Andrology and Assisted 2.0 250 57 Reproductive Technology. Journal of Andrology, 2004, 25, 5-18. Protective role of ascorbic acid to enhance reproductive performance of male rabbits treated with 4.2 38 stannous chloride. Toxicology, 2005, 207, 81-89. Aluminium-induced deterioration in reproductive performance and seminal plasma biochemistry of 59 4.2 110 male rabbits: Protective role of ascorbic acid. Toxicology, 2005, 215, 97-107. Glutathione and free sulphydryl content of seminal plasma in healthy medical students during and 0.9 after exam stress. Human Řeproduction, 2005, 20, 2595-2600. Relationship between reactive oxygen species production and lipid peroxidation in human sperm 61 1.0 48 suspensions and their association with sperm function. Fertility and Sterility, 2005, 83, 929-936. The effect of ascorbic acid supplementation on sperm quality, lipid peroxidation and testosterone levels of male Wistar rats. Theriogenology, 2005, 63, 2063-2072. 2.1 304 Prevention of Oxidative Stress Injury to Sperm. Journal of Andrology, 2005, 26, 654-660. 63 2.0 231 Development of a novel electrophoretic system for the isolation of human spermatozoa. Human 64 Reproduction, 2005, 20, 2261-2270. Improvement in Human Semen Quality After Oral Supplementation of Vitamin C. Journal of Medicinal 108 65 1.5 Food, 2006, 9, 440-442. Homocysteine, glutathione and related thiols affect fertility parameters in the (sub)fertile couple. Human Reproduction, 2006, 21, 1725-1733. Protamines and male infertility. Human Reproduction Update, 2006, 12, 417-435. 67 10.8 643 Abnormal spermatogenesis in mice unable to synthesize ascorbic acid. Kaibogaku Zasshi Journal of 1.2 68 Anatomy, 2006, 81, 115-125. Relationship between seminal ascorbic acid and sperm DNA integrity in infertile men. Journal of 69 3.6 120 Developmental and Physical Disabilities, 2006, 29, 569-575. Effect of Satureja khuzestanica essential oil on male rat fertility.  $FA_{\tau}$ toterap $A_{\tau}A^{c}$ , 2006, 77, 495-499. 2.2 Seasonal variations in antioxidant enzyme activity in ram seminal plasma. Theriogenology, 2007, 67, 71 2.186 1446-1454. The effects of dietary lycopene supplementation on human seminal plasma. BJU International, 2007, 99, 33 1456-1460. Increased oxidative damage of sperm and seminal plasma in men with idiopathic infertility is higher in 73 patients with glutathione S-transferase Mu-1 null genotype. Asian Journal of Andrology, 2007, 9, 1.6 80 108-115. 74 Current perspectives on pyospermia: a review. Asian Journal of Andrology, 2007, 9, 593-600. 1.6

#	Article	IF	CITATIONS
75	Reactive oxygen species, total antioxidant concentration of seminal plasma and their effect on sperm parameters and outcome of IVF/ICSI patients. Archives of Gynecology and Obstetrics, 2008, 277, 515-526.	1.7	51
76	Avoiding bad genes: oxidatively damaged DNA in germ line and mate choice. BioEssays, 2008, 30, 1212-1219.	2.5	85
77	Study of DNA integrity in somatic cells and spermatozoa by single-cell gel electrophoresis with silver-nitrate staining. Cell and Tissue Biology, 2008, 2, 87-92.	0.4	0
78	Paraoxonaseâ€1 Activity in Subfertile Men and Relationship to Sperm Parameters. Journal of Andrology, 2009, 30, 183-189.	2.0	34
79	Oxidative stress and male infertility—a clinical perspective. Human Reproduction Update, 2008, 14, 243-258.	10.8	1,145
80	Antioxidant Therapy in Male Infertility. Urologic Clinics of North America, 2008, 35, 319-330.	1.8	41
81	Using the alkaline comet assay in prognostic tests for male infertility and assisted reproductive technology outcomes. Mutagenesis, 2008, 23, 163-170.	2.6	92
82	Poor Semen Quality and ROS-TAC Scores in Patients with Idiopathic Infertility. Urologia Internationalis, 2008, 81, 263-270.	1.3	57
83	The association of folate, zinc and antioxidant intake with sperm aneuploidy in healthy non-smoking men. Human Reproduction, 2008, 23, 1014-1022.	0.9	120
84	The effect of genital tract infection and inflammation on male infertility. , 2009, , 295-330.		3
85	Refrigerated Storage of Red Deer Epididymal Spermatozoa in the Epididymis, Diluted and with Vitamin C Supplementation. Reproduction in Domestic Animals, 2009, 44, 212-220.	1.4	31
86	Butylated hydroxytoluene inclusion in semen extender improves the post-thawed semen quality of Nili-Ravi buffalo (Bubalus bubalis). Theriogenology, 2009, 71, 1326-1329.	2.1	55
87	Diagnostic value of the total antioxidant capacity (TAC) in human seminal plasma. Fertility and Sterility, 2009, 91, 805-811.	1.0	144
89	Effectiveness of exposure to longday followed by melatonin treatment on semen characteristics of Damascus male goats during breeding and non-breeding seasons. Theriogenology, 2009, 71, 458-468.	2.1	31
90	Oxidative stress and medical antioxidant treatment in male infertility. Reproductive BioMedicine Online, 2009, 19, 638-659.	2.4	179
91	Seminal plasma homocysteine, folate and cobalamin in men with obstructive and non-obstructive azoospermia. Journal of Assisted Reproduction and Genetics, 2010, 27, 533-538.	2.5	21
92	Effect of αâ€īocopherol on Bovine <i>In Vitro</i> Fertilization. Reproduction in Domestic Animals, 2010, 45, 81-85.	1.4	12
93	Protective Effects of Ascorbate and Catalase on Human Spermatozoa During Cryopreservation. Journal of Andrology, 2010, 31, 437-444.	2.0	112

#	Article	IF	CITATIONS
94	Effects of antioxidants on post-thawed bovine sperm and oxidative stress parameters: Antioxidants protect DNA integrity against cryodamage. Cryobiology, 2010, 61, 248-253.	0.7	149
95	Withania somnifera improves semen quality by regulating reproductive hormone levels and oxidative stress in seminal plasma of infertile males. Fertility and Sterility, 2010, 94, 989-996.	1.0	119
96	The role of antioxidant therapy in the treatment of male infertility. Human Fertility, 2010, 13, 217-225.	1.7	194
97	A systematic review of the effect of oral antioxidants on male infertility. Reproductive BioMedicine Online, 2010, 20, 711-723.	2.4	232
98	Hydrogen Peroxide Modifies Human Sperm Peroxiredoxins in a Dose-Dependent Manner. Biology of Reproduction, 2011, 84, 238-247.	2.7	99
99	Short-Term Storage of Human Spermatozoa in Electrolyte-Free Medium Without Freezing Maintains Sperm Chromatin Integrity Better Than Cryopreservation. Biology of Reproduction, 2011, 85, 536-547.	2.7	31
100	Antioxidant therapy in male infertility: fact or fiction?. Asian Journal of Andrology, 2011, 13, 374-381.	1.6	109
101	Distribution of Â- and Â-Tocopherols in Seminal Plasma and Sperm Fractions of Men With Normal and Abnormal Semen Parameters. Journal of Andrology, 2011, 32, 232-239.	2.0	7
102	Basic and Clinical Aspects of Sperm Comet Assay. , 2011, , 217-232.		1
103	The role of sperm oxidative stress in male infertility and the significance of oral antioxidant therapy. Human Reproduction, 2011, 26, 1628-1640.	0.9	414
104	Effect of butylated hydroxytoluene on cryopreservation of Boer goat semen in Tris egg yolk extender. Animal Reproduction Science, 2011, 129, 44-49.	1.5	29
105	Vitamin E supplementation in semen-freezing medium improves the motility and protects sperm from freeze-thaw–induced DNA damage. Fertility and Sterility, 2011, 95, 1149-1151.	1.0	93
106	Sperm Nucleoproteins. , 2011, , 45-60.		11
107	Medical Implications of Sperm Nuclear Quality. Epigenetics and Human Health, 2011, , 45-83.	0.2	9
108	Lipid profiles of sperm and seminal plasma from boars having normal or low sperm motility. Theriogenology, 2011, 75, 897-903.	2.1	102
109	The role of antioxidant therapy in the treatment of male infertility: an overview. Asian Journal of Andrology, 2011, 13, 690-697.	1.6	94
110	Vitamin C and oxidative stress in the seminiferous epithelium. Biological Research, 2011, 44, 169-180.	3.4	32
111	Freeze–thaw induced genotoxicity in buffalo (Bubalus bubalis) spermatozoa in relation to total antioxidant status. Molecular Biology Reports, 2011, 38, 1499-1506.	2.3	41

#	Article	IF	CITATIONS
113	Association between sperm quality, oxidative stress, and seminal antioxidant activity. Clinical Biochemistry, 2011, 44, 319-324.	1.9	145
114	Sperm DNA Fragmentation: Origin and Impact on Human Reproduction. Journal of Reproductive and Stem Cell Biotechnology, 2011, 2, 88-108.	0.1	14
115	Correlation of sperm function test with antioxidant levels in seminal plasma. National Journal of Physiology, Pharmacy and Pharmacology, 2012, 2, 159.	0.1	3
116	Post-thaw addition of seminal plasma reduces tyrosine phosphorylation on the surface of cryopreserved equine sperm, but does not reduce lipid peroxidation. Theriogenology, 2012, 77, 1866-1872.e3.	2.1	35
117	The effect of sperm DNA fragmentation on miscarriage rates: a systematic review and meta-analysis. Human Reproduction, 2012, 27, 2908-2917.	0.9	500
118	Effects of sperm DNA damage on the levels of RAD51 and p53 proteins in zygotes and 2-cell embryos sired by golden hamsters without the major accessory sex glands. Free Radical Biology and Medicine, 2012, 53, 885-892.	2.9	8
119	Calorie Restriction with a High-Fat Diet Effectively Attenuated Inflammatory Response and Oxidative Stress-Related Markers in Obese Tissues of the High Diet Fed Rats. Mediators of Inflammation, 2012, 2012, 1-11.	3.0	61
120	Best Practice Guidelines for the Use of Antioxidants. , 2012, , 487-497.		1
121	Total anti-oxidant status: a biochemical predictor of human male fertility. Andrologia, 2012, 44, 20-25.	2.1	7
122	Effects of curcumin and dithioerythritol on frozen-thawed bovine semen. Andrologia, 2012, 44, 102-109.	2.1	50
123	Effect of noise stress on male rat fertility, and the protective effect of vitamins C and E on its potential effect. Arab Journal of Urology Arab Association of Urology, 2013, 11, 101-105.	1.5	14
124	The effect of bovine serum albumin and fetal calf serum on sperm quality, DNA fragmentation and lipid peroxidation of the liquid stored rabbit semen. Cryobiology, 2013, 67, 1-6.	0.7	39
125	Improved Chemiluminescence Assay for Measuring Antioxidant Capacity of Seminal Plasma. Methods in Molecular Biology, 2013, 927, 363-376.	0.9	27
126	Effects of different concentrations of BHT on microscopic and oxidative parameters of Mahabadi goat semen following the freeze–thaw process. Cryobiology, 2013, 66, 151-155.	0.7	47
127	Heat stress in poultry and the beneficial effects of ascorbic acid (vitamin C) supplementation during periods of heat stress. World's Poultry Science Journal, 2013, 69, 135-152.	3.0	76
128	Spermatozoa and seminal plasma fatty acids as predictors of cryopreservation success. Andrology, 2013, 1, 365-375.	3.5	86
129	Nutrient Supplementation: Improving Male Fertility Fourfold. Seminars in Reproductive Medicine, 2013, 31, 293-300.	1.1	66
130	Effect of administration of vitamins C and E on fertilization capacity of rats exposed to noise stress. Noise and Health, 2013, 15, 194.	0.5	13

#	Article	IF	CITATIONS
131	Comparison of Oxidative Stress/DNA Damage in Semen and Blood of Fertile and Infertile Men. PLoS ONE, 2013, 8, e68490.	2.5	69
132	The Total Antioxidant Power of Semen and Its Correlation with the Fertility Potential of Human Male Subjects. Journal of Clinical and Diagnostic Research JCDR, 2013, 7, 991-5.	0.8	43
133	Improvement of Semen Quality by Feed Supplement and Semen Cryopreservation in Swine. , 0, , .		3
134	The role of oxidative stress and antioxidants in male fertility. Urologia Polska, 2013, 65, 60-67.	0.5	280
135	Determination of retinol and α-tocopherol in human seminal plasma using an HPLC with UV detection. Andrologia, 2014, 46, 472-478.	2.1	19
136	Effect of Antioxidants on Sperm Genetic Damage. Advances in Experimental Medicine and Biology, 2014, 791, 173-189.	1.6	31
137	Altered sperm chromatin structure in mice exposed to sodium fluoride through drinking water. Environmental Toxicology, 2014, 29, 690-696.	4.0	26
138	Sperm DNA damage caused by oxidative stress: modifiable clinical, lifestyle and nutritional factors in male infertility. Reproductive BioMedicine Online, 2014, 28, 684-703.	2.4	306
139	Genetic Damage in Human Spermatozoa. Advances in Experimental Medicine and Biology, 2014, , .	1.6	11
140	Peroxiredoxins: hidden players in the antioxidant defence of human spermatozoa. Basic and Clinical Andrology, 2014, 24, 4.	1.9	67
141	Relationship between seminal plasma levels of anandamide congeners palmitoylethanolamide and oleoylethanolamide andÂsemen quality. Fertility and Sterility, 2014, 102, 1260-1267.	1.0	14
142	Addition of Tempol in semen cryopreservation medium improves the post-thaw sperm function. Systems Biology in Reproductive Medicine, 2014, 60, 245-250.	2.1	31
143	Whether sperm deoxyribonucleic acid fragmentation has an effect onÂpregnancy and miscarriage after inÂvitro fertilization/intracytoplasmic sperm injection: a systematic review and meta-analysis. Fertility and Sterility, 2014, 102, 998-1005.e8.	1.0	289
144	Oxidative Stress and Male Infertility. , 2014, , 2815-2833.		4
145	Association between sperm DNA integrity and seminal plasma antioxidant levels in health workers occupationally exposed to ionizing radiation. Environmental Research, 2014, 132, 297-304.	7.5	30
146	Different concentrations of cysteamine and ergothioneine improve microscopic and oxidative parameters in ram semen frozen with a soybean lecithin extender. Cryobiology, 2014, 69, 68-73.	0.7	47
148	Correlation between Sperm Parameters and Protein Expression of Antioxidative Defense Enzymes in Seminal Plasma: A Pilot Study. Disease Markers, 2015, 2015, 1-5.	1.3	45
149	Absence of beneficial effects on rabbit sperm cell cryopreservation by several antioxidant agents. Zygote, 2015, 23, 1-10.	1.1	18

#	Article	IF	CITATIONS
150	Spermatic and testicular damages in rats exposed to ethanol: Influence of lipid peroxidation but not testosterone. Toxicology, 2015, 330, 1-8.	4.2	41
151	Antioxidant Treatment and Prevention of Human Sperm DNA Fragmentation: Role in Health and Fertility. , 2015, , 397-410.		3
152	Effects of pyridoxine supplementation or in combination with other antioxidants on motility, in vitro capacitation and acrosome reaction of goat buck spermatozoa during cryopreservation. Small Ruminant Research, 2015, 131, 113-117.	1.2	7
153	Effect of sperm storage and selection techniques on sperm parameters. Systems Biology in Reproductive Medicine, 2015, 61, 1-12.	2.1	48
154	Evaluation of the Efficiency of Two Different Freezing Media and Two Different Protocols to Preserve Human Spermatozoa from Cryoinjury. International Journal of Reproductive Medicine, 2016, 2016, 1-6.	1.1	4
155	Randomised clinical trial of comparing effects of acupuncture and varicocelectomy on sperm parameters in infertile varicocele patients. Andrologia, 2016, 48, 1080-1085.	2.1	13
156	Absence of Peroxiredoxin 6 Amplifies the Effect of Oxidant Stress on Mobility and SCSA/CMA3 Defined Chromatin Quality and Impairs Fertilizing Ability of Mouse Spermatozoa1. Biology of Reproduction, 2016, 94, 68.	2.7	47
157	Impact of reactive oxygen species on antioxidant capacity of male reproductive system. International Journal of Immunopathology and Pharmacology, 2016, 29, 421-425.	2.1	27
158	A novel antioxidant formulation designed to treat male infertility associated with oxidative stress: promising preclinical evidence from animal models. Human Reproduction, 2016, 31, 252-262.	0.9	86
159	Sperm DNA damage output parameters measured by the alkaline Comet assay and their importance. Andrologia, 2017, 49, e12608.	2.1	36
160	Ascorbic acid reduces redox potential in human spermatozoa subjected to heat-induced oxidative stress. Andrologia, 2017, 49, e12773.	2.1	41
161	Effect of density gradient centrifugation on reactive oxygen species in human semen. Systems Biology in Reproductive Medicine, 2017, 63, 192-198.	2.1	26
162	Reactive oxygen species and protein modifications in spermatozoaâ€. Biology of Reproduction, 2017, 97, 577-585.	2.7	91
164	Total antioxidant status and lipid peroxidation with and without <i>in vitro</i> zinc supplementation in infertile men. Andrologia, 2017, 49, e12703.	2.1	18
165	The intracellular concentration of homocysteine and related thiols is negatively correlated to sperm quality after highly effective method of sperm lysis. Andrologia, 2017, 49, e12702.	2.1	17
166	Antioxidants improve IVF outcome and subsequent embryo development in the mouse. Human Reproduction, 2017, 32, 2404-2413.	0.9	83
167	Male Infertility: The Effect of Natural Antioxidants and Phytocompounds on Seminal Oxidative Stress. Diseases (Basel, Switzerland), 2017, 5, 9.	2.5	133
168	Oxidative stress Major executioner in disease pathology role in sperm DNA damage and preventive strategies. Frontiers in Bioscience - Scholar, 2017, 9, 420-447.	2.1	102

#	Article	IF	CITATIONS
169	The Impact of Oxidative Stress on Testicular Function and the Role of Antioxidants in Improving it: A Review. Journal of Clinical and Diagnostic Research JCDR, 2017, 11, IE01-IE05.	0.8	168
170	Vitamin C attenuates negative effects of vitrification on sperm parameters, chromatin quality, apoptosis and acrosome reaction in neat and prepared normozoospermic samples. Taiwanese Journal of Obstetrics and Gynecology, 2018, 57, 200-204.	1.3	27
171	Role of reactive oxygen species in male infertility: An updated review of literature. Arab Journal of Urology Arab Association of Urology, 2018, 16, 35-43.	1.5	218
172	Supplementation of ram semen extender to improve seminal quality and fertility rate. Animal Reproduction Science, 2018, 192, 6-17.	1.5	55
173	Cryopreservation and vitrification of fish semen: a review with special emphasis on marine species. Reviews in Aquaculture, 2018, 10, 15-25.	9.0	74
174	Effect of serum antioxidant levels on sperm function in infertile male. Middle East Fertility Society Journal, 2018, 23, 19-22.	1.5	14
175	Relationship of organic mineral supplementation and spermatozoa/white blood cells mRNA in goats. Animal Reproduction Science, 2018, 197, 296-304.	1.5	5
176	Seminal Vesicle—Secretion. , 2018, , 349-354.		2
177	Role of Uric Acid in Semen. Biomolecules, 2018, 8, 65.	4.0	20
178	Is male infertility associated with increased oxidative stress in seminal plasma? A-meta analysis. Oncotarget, 2018, 9, 24494-24513.	1.8	42
179	Effect of sericin supplementation on heat shock protein 70 (HSP70) expression, redox status and post thaw semen quality in goat. Cryobiology, 2018, 84, 33-39.	0.7	24
180	Investigating the Glycating Effects of Glucose, Glyoxal and Methylglyoxal on Human Sperm. Scientific Reports, 2018, 8, 9002.	3.3	33
181	Rosiglitazone in the thawing medium improves mitochondrial function in stallion spermatozoa through regulating Akt phosphorylation and reduction of caspase 3. PLoS ONE, 2019, 14, e0211994.	2.5	14
182	Antioxidants for male subfertility. The Cochrane Library, 2019, 2019, CD007411.	2.8	145
183	What are the effects of vitamin C on sperm functional properties during direct swim-up procedure?. Zygote, 2019, 27, 69-77.	1.1	13
184	Changes in key enzyme activities and metabolites during in vitro maturation of Apostichopus japonicus oocyte under desiccation stress. Aquaculture Research, 2019, 50, 400-411.	1.8	0
185	Evaluation of the antioxidative enzymes in the seminal plasma of infertile men: Contribution to classic semen quality analysis. Systems Biology in Reproductive Medicine, 2019, 65, 343-349.	2.1	11
186	European eel sperm storage: Optimization of short-term protocols and cryopreservation of large volumes. Aquaculture, 2019, 506, 42-50.	3.5	19

#	Article	IF	CITATIONS
187	Causes of Reductive Stress in MaleÂReproduction. , 2019, , 55-64.		2
188	Total Antioxidant Capacity Measurement by Colorimetric Assay. , 2019, , 207-215.		7
189	Potentiometry as a Tool for Monitoring of Antioxidant Activity and Oxidative Stress Estimation in Medicine. Critical Reviews in Analytical Chemistry, 2019, 49, 150-159.	3.5	7
190	The influence of exogenous melatonin on antioxidative status in seminal plasma and spermatozoa in French Alpine bucks during the nonbreeding season. Domestic Animal Endocrinology, 2020, 71, 106400.	1.6	7
191	Different concentrations of cysteamine, ergothioneine, and serine modulate quality and fertilizing ability of cryopreserved chicken sperm. Poultry Science, 2020, 99, 1185-1198.	3.4	31
192	Moringa oleifera leaves extract enhances fresh and cryopreserved semen characters of Barki rams. Theriogenology, 2020, 153, 133-142.	2.1	12
193	Protective effects of royal jelly on testicular torsion induced ischaemia reperfusion injury in rats. Andrologia, 2020, 52, e13716.	2.1	7
194	Alpha―and gammaâ€ŧocopherol levels in human semen and their potential functional implications. Andrologia, 2020, 52, e13543.	2.1	10
195	Attenuation of sleep deprivation dependent deterioration in male fertility parameters by vitamin C. Reproductive Biology and Endocrinology, 2020, 18, 2.	3.3	18
196	Proteomic profiling of stallion spermatozoa suggests changes in sperm metabolism and compromised redox regulation after cryopreservation. Journal of Proteomics, 2020, 221, 103765.	2.4	26
197	Cigarette smoking and its toxicological overview on human male fertility—a prospective review. Toxin Reviews, 2021, 40, 145-161.	3.4	8
198	Oxidative stress and use of antioxidants in fish semen cryopreservation. Reviews in Aquaculture, 2021, 13, 365-387.	9.0	38
199	The effect of dietary organic selenium on reproductive performance of broiler breeder roosters under dexamethasone induced stress. Theriogenology, 2021, 161, 16-25.	2.1	9
200	LABORATORY DIAGNOSTICS OF MALE INFERTILITY. BIOMARKERS. PART I. Laboratornaâ I KliniÄeskaâ Medicina Farmaciâ, 2021, , 57-68.	0.4	3
201	Nutrition, genetic variation and male fertility. Translational Andrology and Urology, 2021, 10, 1410-1431.	1.4	14
202	Sperm DNA damage and seminal antioxidant activity in subfertile men. Andrologia, 2021, 53, e14027.	2.1	11
203	Determination of oxidative stress parameters and DNA fragmentation on postâ€thawed buck semen in the presence of ram seminal plasma and fetal calf serum. Andrologia, 2021, 53, e14032.	2.1	0
204	Sperm Oxidative Stress during In Vitro Manipulation and Its Effects on Sperm Function and Embryo Development. Antioxidants, 2021, 10, 1025.	5.1	43

#	Article	IF	CITATIONS
205	Antioxidants Present in Reproductive Tract Fluids and Their Relevance for Fertility. Antioxidants, 2021, 10, 1441.	5.1	17
206	Role of Antioxidants Supplementation in the Treatment of Male Infertility. , 0, , .		1
207	Liquid Storage of Ram Semen: Associated Damages and Improvement. Open Journal of Animal Sciences, 2021, 11, 473-500.	0.6	12
208	Quantification of the Nonenzymatic Fast and Slow TRAP in a Postaddition Assay in Human Seminal Plasma and the Antioxidant Contributions of Various Seminal Compounds. Journal of Andrology, 2000, 21, 913-920.	2.0	16
209	Oxidative Stress in Normospermic Men Undergoing Infertility Evaluation. Journal of Andrology, 2001, 22, 316-322.	2.0	26
210	Relationship Between Seminal White Blood Cell Counts and Oxidative Stress in Men Treated at an Infertility Clinic. Journal of Andrology, 2001, 22, 575-583.	2.0	37
211	Impaired Seminal Antioxidant Capacity in Human Semen With Hyperviscosity or Oligoasthenozoospermia. Journal of Andrology, 2001, 22, 798-803.	2.0	9
213	Active Oxygen in Spermatozoa During Epididymal Transit. , 2002, , 435-447.		7
214	Oxidative Stress and the Use of Antioxidants for Idiopathic OATs. , 2012, , 485-516.		2
216	Effect of Melatonin Implantation to Sperm Donor Rams on Post-thaw Viability and Acrosomal Integrity of Sperm Cells in the Breeding and Non-breeding Season. Reproduction in Domestic Animals, 2001, 36, 211-215.	1.4	5
217	Glutathione content in sperm cells of infertile men. Regulatory Mechanisms in Biosystems, 2017, 8, 157-161.	0.6	3
218	Supervivencia de espermatozoides de cabra crioconservados en diluyente a base de yema de huevo-tris suplementado con vitamina C. Archivos De Zootecnia, 2015, 64, 261-268.	0.1	8
219	Is There a Link between Exercise and Male Factor Infertility?. The Open Reproductive Science Journal, 2011, 3, 105-113.	0.5	24
220	Reactive Oxygen Species: A Double-Edged Sword in Reproduction. The Open Veterinary Science Journal, 2010, 4, 127-133.	0.7	49
221	Potentiometric Method for Evaluating the Oxidant/Antioxidant Activity of Seminal and Follicular Fluids and Clinical Significance of this Parameter for Human Reproductive Function. The Open Chemical and Biomedical Methods Journal, 2012, 5, 1-7.	0.5	16
222	Serum levels of lycopene, beta-carotene, and retinol and their correlation with sperm DNA damage in normospermic and infertile men. International Journal of Reproductive BioMedicine, 2015, 13, 787-792.	0.9	13
223	Effect of Antioxidants on the Stored Dromedary Camel Epididymal Sperm Characteristics. Asian Journal of Animal Sciences, 2016, 10, 147-153.	0.1	6
224	Changes in Motility Characteristics of Goat Spermatozoa During Glycerol-Equilibration and the Relevance to Cryopreservation. Asian Journal of Cell Biology, 2007, 3, 22-33.	0.4	11

#	Article	IF	CITATIONS
225	An Attempt at Alleviating Heat Stress Infertility in Male Broiler Breeder Chickens with Dietary Ascorbic Acid. International Journal of Poultry Science, 2004, 3, 593-602.	0.1	24
226	Effects of Exogenous Glutathione Supplementation in Biocell® Extender on Quality of Cryopreserved Buffalo (Bubalus bubalis) Semen. Journal of Animal and Veterinary Advances, 2012, 11, 3437-3443.	0.1	2
227	Oxidative stress and antioxidants for idiopathic oligoasthenoteratospermia: Is it justified?. Indian Journal of Urology, 2011, 27, 74.	0.6	102
228	A review: Oxidative stress and its role in reproduction. Advances in Bioscience and Biotechnology (Print), 2013, 04, 37-43.	0.7	6
229	Protective effects of fruit-juices on sperm viability of West African Dwarf goat bucks during cryopreservation. Animal Reproduction, 2016, 13, 7-13.	1.0	13
230	Effects of parsley supplementation on the seminal quality, blood lipid profile and oxidant status of young and old male rabbits. World Rabbit Science, 2017, 25, 215.	0.6	9
231	The Evaluation of Total Antioxidant and Oxidant Response in Seminal Plasma in Fertile and Infertile Men Using a Novel Automated Method. Turkiye Klinikleri Journal of Medical Sciences, 2011, 31, 61-67.	0.1	2
232	Antioxidant effects of bovine serum albumin on kinetics, microscopic and oxidative characters of cryopreserved bull spermatozoa. Spanish Journal of Agricultural Research, 2013, 11, 695.	0.6	12
233	Sperm quality and seminal plasma proteins in three sheep breeds under high altitude and tropical conditions. Spanish Journal of Agricultural Research, 2018, 16, e0403.	0.6	12
235	Artificial Intrauterine Insemination: Noninvasive Management of Subfertile Couples. , 2000, , 601-656.		0
236	Comparative Aspects of Lipid Peroxidation and Antioxidant Protection in Avian Semen. , 2003, , .		2
237	The Effect of Antioxidants on Nicotine and Caffeine Induced Changes in Human Sperm—An in Vitro Study. , 2003, , .		0
238	Lycopene and Lycopene-enriched Prostasomes. , 2009, , 201-224.		0
239	The Alkaline Comet Assay in Prognostic Tests for Male Infertility and Assisted Reproductive Technology Outcomes. Issues in Toxicology, 2009, , 310-330.	0.1	0
240	Relation between Bull Sperm Respiratory Burst Activity and the In Vitro Fertilization Rate: A New Approach to Evaluate Bull's Fertility. SRX Veterinary Science, 2010, 2010, 1-6.	0.0	0
241	Protection of Epididymal Spermatozoa from Oxidative Stress. , 2012, , 95-118.		2
242	ROS and Semen Quality. , 2012, , 301-323.		1
243	Basic and Clinical Aspects of Sperm Comet Assay. , 2013, , 341-362.		0

#	Article	IF	CITATIONS
244	Best Practice Guidelines for the Use of Antioxidants in Male Infertility. , 2013, , 333-351.		0
245	Best Practice Guidelines for the Use of Antioxidants. , 2013, , 457-475.		0
246	Sperm Nucleoproteins. , 2013, , 23-43.		0
247	Molecular Mechanisms of Antioxidants in Male Infertility. , 2013, , 91-107.		0
248	Free Radicals and Reproductive Health. , 2014, , 2723-2742.		0
250	Antiseptic Movement of Lactic Acid Microbes (LAM) Beside Substantial Fish Infectious agent. SSRG International Journal of Veterinary Science, 2015, 1, 5-7.	0.0	0
251	Chapter 14. The Alkaline Comet Assay in Prognostic Tests for Male Infertility and Assisted Reproductive Technology Outcomes. Issues in Toxicology, 2016, , 369-389.	0.1	0
252	Oxidative Stress Induced Infertility in Varicocele. , 2016, 05, .		0
253	Specific and Generalized Treatments of Male Infertility. , 2017, , 449-464.		0
254	Effects of Exogenous Melatonin and Zinc Amino Acid on Male Clarias macrocephalus Broodstock. Asian Journal of Scientific Research, 2018, 11, 515-521.	0.1	3
255	PROTECTIVE EFFECT OF L-CARNITINE AGAINST REPRODUCTIVE TOXICITY OF MONOSODIUM GLUTAMATE IN MALE ALBINO MICE. British Journal of Medical and Health Research, 2019, 6, 10-32.	0.1	0
256	Antioxidants in the Medical and Surgical Management of Male Infertility. , 2020, , 805-816.		0
257	Effects of Antioxidants (Selenium, Vitamin C and Vitamin E) and Feed Allocation on Broiler Breeder Egg Production, Fertility and Hatchability. International Journal of Poultry Science, 2020, 19, 557-567.	0.1	0
258	Effect of vitamins C or E supplementation to Tris diluent on the semen quality of Awassi rams preserved at 5 ËšC. Veterinary Research Forum, 2013, 4, 157-60.	0.3	12
259	Serum levels of lycopene, beta-carotene, and retinol and their correlation with sperm DNA damage in normospermic and infertile men. International Journal of Reproductive BioMedicine, 2015, 13, 787-92.	0.9	4
260	Attenuation of Methotrexate-Induced Embryotoxicity and Oxidative Stress by Ethyl Pyruvate. International Journal of Fertility & Sterility, 2016, 10, 232-8.	0.2	1
261	The effects of Vitamin C on sperm quality parameters in laboratory rats following long-term exposure to cyclophosphamide. Journal of Advanced Pharmaceutical Technology and Research, 2017, 8, 73-79.	1.0	5
262	The Association of PON1 192 Q/R Polymorphism with the Risk of Idiopathic Male Infertility in Northern Iran. Avicenna Journal of Medical Biotechnology, 2018, 10, 253-256.	0.3	1

#	Article	IF	CITATIONS
263	Exploring the Role of Oxidative Stress in Sperm Motility: A Proteomic Network Approach. Antioxidants and Redox Signaling, 2022, 37, 501-520.	5.4	6
264	Research Progress of Oxidative Damage and Antioxidants in Cryopreservation of Human Semen. Advances in Clinical Medicine, 2022, 12, 1419-1426.	0.0	0
265	Impact of Vitamin C on Gene Expression Profile of Inflammatory and Anti-Inflammatory Cytokines in the Male Partners of Couples with Recurrent Pregnancy Loss. International Journal of Inflammation, 2022, 2022, 1-6.	1.5	2
268	Antioxidants for male subfertility. The Cochrane Library, 2022, 2022, CD007411.	2.8	18
269	Local and Systemic Oxidative Stress Biomarkers for Male Infertility: The ORION Study. Antioxidants, 2022, 11, 1045.	5.1	8
270	Seminal Plasma Lipid Peroxidation, Total Antioxidant Capacity, Vitamin C, and Zinc Concentration in Normal and Infertile Men. SSRN Electronic Journal, 0, , .	0.4	0
271	The effects of green synthesized anionic cupric oxide nanoparticles on Zaraibi goat spermatozoa during cryopreservation with and without removal of seminal plasma. Animal Biotechnology, 2023, 34, 2582-2595.	1.5	6
272	Are There Associations between Seminal Plasma Advanced Oxidation Protein Products and Selected Redox-Associated Biochemical Parameters in Infertile Male Patients? A Preliminary Report. Cells, 2022, 11, 3667.	4.1	2
273	Cryopreservation of Semen in Domestic Animals: A Review of Current Challenges, Applications, and Prospective Strategies. Animals, 2022, 12, 3271.	2.3	11
274	In Vitro and In Vivo Studies on the Efficacy of Zinc-Oxide and Selenium Nanoparticle in Cryopreserved Goat (Capra hircus) Spermatozoa. Biological Trace Element Research, 2023, 201, 4726-4745.	3.5	4
275	Ascorbic acid is associated with favourable hormonal profiles among infertile males. Frontiers in Reproductive Health, 0, 5, .	1.9	1
276	Effect of cholesterol loaded cyclodextrin on activity of antioxidants during cryopreservation of buffalo (Bubalus bubalis) semen. Indian Journal of Animal Sciences, 2016, 86, .	0.2	3
277	Reactive Oxygen Species and Sperm DNA Damage. , 2023, , 175-182.		0
278	Effects of sodium selenite, cysteamine, bacterially synthesized Se-NPs, and cysteamine loaded on Se-NPs on ram sperm cryopreservation. Scientific Reports, 2024, 14, .	3.3	0
279	Identification of testis development-related genes by combining Iso-Seq and RNA-Seq in Zeugodacus	3.7	0

279 tau. Frontiers in Cell and Developmental Biology, 0, 12, .