

CITATION REPORT

List of articles citing

The improving effect of reduced glutathione on boar sperm cryotolerance is related with the intrinsic ejaculate freezability

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#	Paper	IF	Citations
43	Apoptotic-like changes of boar spermatozoa in freezing media supplemented with different antioxidants. <i>Polish Journal of Veterinary Sciences</i> , 2015 , 18, 473-80	0.7	16
42	The Fertility of Frozen Boar Sperm When used for Artificial Insemination. <i>Reproduction in Domestic Animals</i> , 2015 , 50 Suppl 2, 90-7	1.6	38
41	Recent Advances in Boar Sperm Cryopreservation: State of the Art and Current Perspectives. <i>Reproduction in Domestic Animals</i> , 2015 , 50 Suppl 2, 71-9	1.6	60
40	Acrosin activity is a good predictor of boar sperm freezability. <i>Theriogenology</i> , 2015 , 83, 1525-33	2.8	10
39	Sperm quality and fertility of boar seminal doses after 2 days of storage: does the type of extender really matter?. <i>Theriogenology</i> , 2015 , 83, 1428-37	2.8	13
38	Combining reduced glutathione and ascorbic acid has supplementary beneficial effects on boar sperm cryotolerance. <i>Theriogenology</i> , 2015 , 83, 399-407	2.8	31
37	Cryotolerance of stallion spermatozoa is related to ROS production and mitochondrial membrane potential rather than to the integrity of sperm nucleus. <i>Andrology</i> , 2015 , 3, 395-407	4.2	62
36	Effect of β-mercaptoethanol and cysteine on post-thawing quality and oxidative activity of ram sperm and on the viability of vitrified sheep embryos. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2016 , 68, 1309-1315	0.3	2
35	Effects of glutathione on sperm quality during liquid storage in boars. <i>Animal Science Journal</i> , 2016 , 87, 1195-1201	1.8	11
34	Glutathione improves survival of cryopreserved embryogenic calli of <i>Agapanthus praecox</i> subsp. <i>orientalis</i> . <i>Acta Physiologiae Plantarum</i> , 2016 , 38, 1	2.6	14
33	Sperm pretreatment with glutathione improves IVF embryos development through increasing the viability and antioxidative capacity of sex-sorted and unsorted bull semen. <i>Journal of Integrative Agriculture</i> , 2016 , 15, 2326-2335	3.2	5
32	Artificial insemination in pigs today. <i>Theriogenology</i> , 2016 , 85, 83-93	2.8	114
31	Sperm cryopreservation update: Cryodamage, markers, and factors affecting the sperm freezability in pigs. <i>Theriogenology</i> , 2016 , 85, 47-64	2.8	170
30	Effects of reduced glutathione on acrosin activity in frozen-thawed boar spermatozoa. <i>Reproduction, Fertility and Development</i> , 2017 , 29, 283-293	1.8	13
29	Aquaglyceroporins 3 and 7 in bull spermatozoa: identification, localisation and their relationship with sperm cryotolerance. <i>Reproduction, Fertility and Development</i> , 2017 , 29, 1249-1259	1.8	15
28	Artificial insemination with frozen-thawed boar sperm. <i>Molecular Reproduction and Development</i> , 2017 , 84, 802-813	2.6	54
27	Relationship of aquaporins 3 (AQP3), 7 (AQP7), and 11 (AQP11) with boar sperm resilience to withstand freeze-thawing procedures. <i>Andrology</i> , 2017 , 5, 1153-1164	4.2	28

26	The addition of reduced glutathione to cryopreservation media induces changes in the structure of motile subpopulations of frozen-thawed boar sperm. <i>Cryobiology</i> , 2017 , 78, 56-64	2.7	18
25	Effect of Single Layer Centrifugation Porcicoll (70%, 80% and 90%) or supplementation with reduced glutathione, seminal plasma and bovine serum albumin on frozen-thawed boar sperm. <i>Animal Reproduction Science</i> , 2017 , 187, 167-173	2.1	9
24	Glutathione in combination with trehalose has supplementary beneficial effects on cryopreserved red deer (<i>cervus elaphus</i>) sperm. <i>American Journal of Reproductive Immunology</i> , 2017 , 77, e12610	3.8	2
23	Effect of reduced glutathione supplementation on cryopreservation induced sperm cryoinjuries in Murrah bull semen. <i>Animal Reproduction Science</i> , 2018 , 192, 171-178	2.1	12
22	Chlorogenic acid improves the quality of boar semen subjected to cooled storage at 15°C. <i>Andrologia</i> , 2018 , 50, e12978	2.4	7
21	Incubation of spermatozoa with Anandamide prior to cryopreservation reduces cryocapacitation and improves post-thaw sperm quality in the water buffalo (<i>Bubalus bubalis</i>). <i>Animal Reproduction Science</i> , 2018 , 189, 77-83	2.1	6
20	Effects of pre-freeze <i>Nigella sativa</i> oil supplementation on cryosurvival of ovine spermatozoa. <i>Reproduction in Domestic Animals</i> , 2018 , 53, 1424-1433	1.6	4
19	Melatonin affects the motility and adhesiveness of <i>in vitro</i> capacitated boar spermatozoa via a mechanism that does not depend on intracellular ROS levels. <i>Andrology</i> , 2018 , 6, 720-736	4.2	10
18	Effects of fulvic acids on goat sperm. <i>Zygote</i> , 2018 , 26, 220-223	1.6	2
17	The achievement of boar sperm <i>in vitro</i> capacitation is related to an increase of disrupted disulphide bonds and intracellular reactive oxygen species levels. <i>Andrology</i> , 2018 , 6, 781-797	4.2	11
16	Addition of insulin-like growth factor I (IGF-I) and reduced glutathione (GSH) to cryopreserved boar semen. <i>Animal Reproduction Science</i> , 2019 , 208, 106130	2.1	3
15	Glutathione alleviates the cadmium exposure-caused porcine oocyte meiotic defects via eliminating the excessive ROS. <i>Environmental Pollution</i> , 2019 , 255, 113194	9.3	21
14	Supplementing Maturation Medium With Insulin Growth Factor I and Vitrification-Warming Solutions With Reduced Glutathione Enhances Survival Rates and Development Ability of Matured Vitrified-Warmed Pig Oocytes. <i>Frontiers in Physiology</i> , 2018 , 9, 1894	4.6	5
13	Cryotolerance of Stallion Spermatozoa Relies on Aquaglyceroporins rather than Orthodox Aquaporins. <i>Biology</i> , 2019 , 8,	4.9	7
12	Elucidating the Role of K Channels during In Vitro Capacitation of Boar Spermatozoa: Do SLO1 Channels Play a Crucial Role?. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
11	Effect of AQP Inhibition on Boar Sperm Cryotolerance Depends on the Intrinsic Freezability of the Ejaculate. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	6
10	Long-term storage of boar seminal doses contaminated with <i>Proteus vulgaris</i> : A dose-dependent effect on sperm motility and sperm-bacteria interaction. <i>Animal Reproduction Science</i> , 2020 , 216, 106349 ^{2.1}	2.1	4
9	Use of antioxidants to augment semen efficiency during liquid storage and cryopreservation in livestock animals: A review. <i>Journal of King Saud University - Science</i> , 2021 , 33, 101226	3.6	7

8	Antioxidants and their effect on the oxidative/nitrosative stress of frozen-thawed boar sperm. <i>Cryobiology</i> , 2021 , 98, 5-11	2.7	9
7	Boar sperm incubation with reduced glutathione (GSH) differentially modulates protein tyrosine phosphorylation patterns and reorganization of calcium in sperm, in vitro fertilization, and embryo development depending on concentrations. <i>Research in Veterinary Science</i> , 2021 , 135, 386-396	2.5	0
6	High-speed centrifugation of extender of freeze-thaw boar semen. <i>Reproduction in Domestic Animals</i> , 2021 , 56, 821-825	1.6	0
5	Effect of glutathione on pre and post-freezing sperm quality of Indian red jungle fowl (<i>Gallus gallus murghi</i>). <i>Theriogenology</i> , 2021 , 172, 73-79	2.8	2
4	A new sperm selection criterion for cryopreservation of boar semen. <i>Annals of Animal Science</i> , 2020 , ,	2	0
3	Effects of reduced glutathione supplementation in semen freezing extender on frozen-thawed bull semen and in vitro fertilization. <i>Journal of Reproduction and Development</i> , 2021 , ,	2.1	0
2	Effects of mitoquinone (MitoQ) supplementation during boar semen cryopreservation on sperm quality, antioxidant status and mitochondrial proteomics. 2022 , 247, 107099		0
1	Artificial insemination in pig, its status and future perspective in India: A review. 2022 , 90, 1207-1212		0