

The achievement of boar sperm *in vitro* capacitation
disrupted disulphide bonds and intracellular reactive oxygen

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Citation Report

#	ARTICLE	IF	CITATIONS
1	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.	0.5	6
2	Medium-term effects of the diluted pig semen irradiation with red LED light on the integrity of nucleoprotein structure and resilience to withstand thermal stress. <i>Theriogenology</i> , 2020, 157, 388-398.	0.9	2
3	Cryopreservation of ram sperm alters the dynamic changes associated with in vitro capacitation. <i>Theriogenology</i> , 2020, 145, 100-108.	0.9	18
4	Antioxidants and their effect on the oxidative/nitrosative stress of frozen-thawed boar sperm. <i>Cryobiology</i> , 2021, 98, 5-11.	0.3	16
5	Unravelling how in vitro capacitation alters ram sperm chromatin before and after cryopreservation. <i>Andrology</i> , 2021, 9, 414-425.	1.9	7
6	Cold-Shock Test Is a Practical Method for Selecting Boar Ejaculates Yielding Appropriate Seminal Plasma for Post-Thawing Supplementation. <i>Animals</i> , 2021, 11, 871.	1.0	3
7	Impact of Oxidative Stress on Male Reproduction in Domestic and Wild Animals. <i>Antioxidants</i> , 2021, 10, 1154.	2.2	48
8	Effect of insulin-like growth factor-1 complex of Simmental bull seminal plasma on post-thawed Kacang buck semen fertility. <i>Veterinary World</i> , 2021, 14, 2073-2084.	0.7	8
9	Influence of different cellular concentrations of boar sperm suspensions on the induction of capacitation and acrosome reaction. <i>Journal of Reproduction and Development</i> , 2022, 68, 68-73.	0.5	5
10	Parkinson Disease Protein 7 (PARK7) Is Related to the Ability of Mammalian Sperm to Undergo In Vitro Capacitation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10804.	1.8	4
11	Exogenous Albumin Is Crucial for Pig Sperm to Elicit In Vitro Capacitation Whereas Bicarbonate Only Modulates Its Efficiency. <i>Biology</i> , 2021, 10, 1105.	1.3	6
12	Sperm oxidative stress in the context of male infertility: current evidence, links with genetic and epigenetic factors and future clinical needs. <i>Minerva Endocrinology</i> , 2022, , .	0.6	5
13	Bicarbonate-Triggered In Vitro Capacitation of Boar Spermatozoa Conveys an Increased Relative Abundance of the Canonical Transient Receptor Potential Cation (TRPC) Channels 3, 4, 6 and 7 and of CatSper-1 Subunit mRNA Transcripts. <i>Animals</i> , 2022, 12, 1012.	1.0	3
14	Effect of an Antioxidant Supplement Combination on Boar Sperm. <i>Animals</i> , 2022, 12, 1301.	1.0	0
15	Determination of double- and single-stranded DNA breaks in bovine sperm is predictive of their fertilizing capacity. <i>Journal of Animal Science and Biotechnology</i> , 2022, 13, .	2.1	8
16	Effect of Procyanidin on Canine Sperm Quality during Chilled Storage. <i>Veterinary Sciences</i> , 2022, 9, 588.	0.6	0
17	Condensation and protamination of sperm chromatin affect ICSI outcomes when gametes from healthy individuals are used. <i>Human Reproduction</i> , 2023, 38, 371-386.	0.4	1
18	Relationship between biochemical parameters and paraoxonase 1 activity of boar seminal plasma and semen quality. <i>Veterinary Research Communications</i> , 2023, 47, 1243-1253.	0.6	0

#	ARTICLE	IF	CITATIONS
19	Effect of Disulfiram on the Reproductive Capacity of Female Mice. International Journal of Molecular Sciences, 2023, 24, 2371.	1.8	0