

# CITATION REPORT

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Relationship of sperm small heat-shock protein 10 and voltage-dependent anion channel 2 with semen freezability in boars

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#	Paper	IF	Citations
41	New Approaches to Boar Semen Evaluation, Processing and Improvement. <i>Reproduction in Domestic Animals</i> , <b>2015</b> , 50 Suppl 2, 11-9	1.6	28
40	Recent Advances in Boar Sperm Cryopreservation: State of the Art and Current Perspectives. <i>Reproduction in Domestic Animals</i> , <b>2015</b> , 50 Suppl 2, 71-9	1.6	60
39	Dual functions in response to heat stress and spermatogenesis: characterization of expression profile of small heat shock proteins 9 and 10 in goat testis. <i>BioMed Research International</i> , <b>2015</b> , 2015, 686239	3	11
38	Comparative analysis of boar seminal plasma proteome from different freezability ejaculates and identification of Fibronectin 1 as sperm freezability marker. <i>Andrology</i> , <b>2015</b> , 3, 345-56	4.2	52
37	Characterization of the porcine seminal plasma proteome comparing ejaculate portions. <i>Journal of Proteomics</i> , <b>2016</b> , 142, 15-23	3.9	60
36	Aquaporins 7 and 11 in boar spermatozoa: detection, localisation and relationship with sperm quality. <i>Reproduction, Fertility and Development</i> , <b>2016</b> , 28, 663-72	1.8	21
35	Triosephosphate isomerase (TPI) and epididymal secretory glutathione peroxidase (GPX5) are markers for boar sperm quality. <i>Animal Reproduction Science</i> , <b>2016</b> , 165, 22-30	2.1	18
34	Sperm cryopreservation update: Cryodamage, markers, and factors affecting the sperm freezability in pigs. <i>Theriogenology</i> , <b>2016</b> , 85, 47-64	2.8	170
33	Novel agents for sperm purification, sorting, and imaging. <i>Molecular Reproduction and Development</i> , <b>2017</b> , 84, 832-841	2.6	22
32	Artificial insemination with frozen-thawed boar sperm. <i>Molecular Reproduction and Development</i> , <b>2017</b> , 84, 802-813	2.6	54
31	Sperm membrane proteins associated with the boar semen cryopreservation. <i>Animal Reproduction Science</i> , <b>2017</b> , 183, 27-38	2.1	17
30	Voltage-dependent anion channel 2 is involved in in vitro capacitation of boar sperm. <i>Reproduction in Domestic Animals</i> , <b>2017</b> , 52 Suppl 4, 65-68	1.6	4
29	Relationship of aquaporins 3 (AQP3), 7 (AQP7), and 11 (AQP11) with boar sperm resilience to withstand freeze-thawing procedures. <i>Andrology</i> , <b>2017</b> , 5, 1153-1164	4.2	28
28	Relationship between HSP90a, NPC2 and L-PGDS proteins to boar semen freezability. <i>Journal of Animal Science and Biotechnology</i> , <b>2017</b> , 8, 21	6	18
27	Biological Signals of Sperm Membrane Resistance to Cryoinjury in Boars. <b>2018</b> ,		
26	Aquaporin 11 is related to cryotolerance and fertilising ability of frozen-thawed bull spermatozoa. <i>Reproduction, Fertility and Development</i> , <b>2018</b> , 30, 1099-1108	1.8	16
25	Is boar sperm freezability more intrinsically linked to spermatozoa than to the surrounding seminal plasma?. <i>Animal Reproduction Science</i> , <b>2018</b> , 195, 30-37	2.1	16

24	Proteomic characterization of fresh spermatozoa and supernatant after cryopreservation in relation to freezability of carp ( <i>Cyprinus carpio</i> L) semen. <i>PLoS ONE</i> , <b>2018</b> , 13, e0192972	3.7	15
23	Differential motility parameters and identification of proteomic profiles of human sperm cryopreserved with cryostraw and cryovial. <i>Clinical Proteomics</i> , <b>2019</b> , 16, 24	5	9
22	A new test based on the hypotonic resistance and functional competence to evaluate the sperm quality, cryotolerance and in vitro fertilizing ability in pigs. <i>Theriogenology</i> , <b>2019</b> , 140, 84-92	2.8	1
21	Freezability biomarkers in bull epididymal spermatozoa. <i>Scientific Reports</i> , <b>2019</b> , 9, 12797	4.9	8
20	Bioinformatics approaches for improving seminal plasma proteome analysis. <i>Theriogenology</i> , <b>2019</b> , 137, 43-49	2.8	
19	Cryopreservation Differentially Alters the Proteome of Epididymal and Ejaculated Pig Spermatozoa. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	18
18	The proteome of frozen-thawed pig spermatozoa is dependent on the ejaculate fraction source. <i>Scientific Reports</i> , <b>2019</b> , 9, 705	4.9	10
17	Relationship between Plasma Proteins and Boar Semen Freezability. <b>2019</b> ,		
16	Effect of AQP Inhibition on Boar Sperm Cryotolerance Depends on the Intrinsic Freezability of the Ejaculate. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	6
15	Seminal plasma proteins and their relationship with sperm motility and morphology in boars. <i>Andrologia</i> , <b>2019</b> , 51, e13222	2.4	15
14	Transcriptome analysis of boar spermatozoa with different freezability using RNA-Seq. <i>Theriogenology</i> , <b>2020</b> , 142, 400-413	2.8	22
13	Proteomic identification of boar seminal plasma proteins related to sperm resistance to cooling at 17°C. <i>Theriogenology</i> , <b>2020</b> , 147, 135-145	2.8	9
12	HVCN1 but Not Potassium Channels Are Related to Mammalian Sperm Cryotolerance. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
11	Impact of Cryopreservation on Spermatozoa Freeze-Thawed Traits and Relevance OMICS to Assess Sperm Cryo-Tolerance in Farm Animals. <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 609180	3.1	9
10	Boar seminal plasma: current insights on its potential role for assisted reproductive technologies in swine. <i>Animal Reproduction</i> , <b>2020</b> , 17, e20200022	1.7	4
9	Improving Sperm Cryopreservation With Type III Antifreeze Protein: Proteomic Profiling of <i>Cynomolgus</i> Macaque ( ) Sperm. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 719346	4.6	1
8	A new sperm selection criterion for cryopreservation of boar semen. <i>Annals of Animal Science</i> , <b>2020</b> ,	2	0
7	Advances in sperm cryopreservation in farm animals: Cattle, horse, pig and sheep. <i>Animal Reproduction Science</i> , <b>2021</b> , 106904	2.1	3

6	Relevance of Aquaporins for Gamete Function and Cryopreservation.. <i>Animals</i> , <b>2022</b> , 12,	3.1	2
5	An Exploration of Current and Perspective Semen Analysis and Sperm Selection for Livestock Artificial Insemination.. <i>Animals</i> , <b>2021</b> , 11,	3.1	2
4	Effect of Sperm Cryopreservation in Farm Animals Using Nanotechnology. <b>2022</b> , 12, 2277		1
3	Albumin (ALB) and protein disulfide isomerase family A member 4 (PDIA4) are novel markers to predict sperm freezability of Erhualian boar. <b>2022</b> ,		0
2	Characterization of freezability-associated metabolites in boar semen. <b>2023</b> , 196, 88-96		1
1	iTRAQ-based comparative proteomics reveal an enhancing role of PRDX6 in the freezability of Mediterranean buffalo sperm.		0