

Aquaporin 11 is related to cryotolerance and fertilising spermatozoa

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Expression and localization of aquaporins 3 and 7 in bull spermatozoa and their relevance to sperm motility after cryopreservation. <i>Journal of Reproduction and Development</i> , 2018, 64, 327-335.	0.5	15
2	Aquaglyceroporins but not orthodox aquaporins are involved in the cryotolerance of pig spermatozoa. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 77.	2.1	20
3	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> , 2019, 140, 84-92.	0.9	1
4	<i>Lycium barbarum</i> and <i>Laminaria japonica</i> polysaccharides improve Cashmere goat sperm quality and fertility rate after cryopreservation. <i>Theriogenology</i> , 2019, 129, 29-36.	0.9	32
5	Cryotolerance of Stallion Spermatozoa Relies on Aquaglyceroporins rather than Orthodox Aquaporins. <i>Biology</i> , 2019, 8, 85.	1.3	12
6	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, 6255.	1.8	10
7	Role of Aquaporins in Spermatogenesis and Testicular Steroidogenesis. <i>Journal of Membrane Biology</i> , 2020, 253, 109-114.	1.0	5
8	Sperm Cryodamage in Ruminants: Understanding the Molecular Changes Induced by the Cryopreservation Process to Optimize Sperm Quality. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2781.	1.8	105
9	Aquaporins and (in)fertility: More than just water transport. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166039.	1.8	15
10	The role of mammalian supraaquaporins inside the cell: An update. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183617.	1.4	26
11	Aquaporins: New markers for male (in)fertility in livestock and poultry?. <i>Animal Reproduction Science</i> , 2021, 231, 106807.	0.5	6
12	Aquaporins Are Essential to Maintain Motility and Membrane Lipid Architecture During Mammalian Sperm Capacitation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 656438.	1.8	5
13	Aquaporins and Animal Gamete Cryopreservation: Advances and Future Challenges. <i>Animals</i> , 2022, 12, 359.	1.0	11
14	Relevance of Aquaporins for Gamete Function and Cryopreservation. <i>Animals</i> , 2022, 12, 573.	1.0	9
15	Impact of Seminal Plasma Antioxidants on Donkey Sperm Cryotolerance. <i>Antioxidants</i> , 2022, 11, 417.	2.2	7
16	Seminal Plasma Antioxidants Are Related to Sperm Cryotolerance in the Horse. <i>Antioxidants</i> , 2022, 11, 1279.	2.2	6
17	Aquaporins in Reproductive System. <i>Advances in Experimental Medicine and Biology</i> , 2023, , 179-194.	0.8	1
18	Molecular Markers: A New Paradigm in the Prediction of Sperm Freezability. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3379.	1.8	5

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