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## Basic aspects of frozen storage of semen

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244	Association between the presence of protein bands in ram seminal plasma and sperm tolerance to freezing. <i>Animal Reproduction Science</i> , <b>2014</b> , 146, 165-9	2.1	7
243	Different concentrations of cysteamine and ergothioneine improve microscopic and oxidative parameters in ram semen frozen with a soybean lecithin extender. <b>2014</b> , 69, 68-73		38
242	Egg yolk and glycerol requirements for freezing boar spermatozoa treated with methyl $\beta$ -cyclodextrin or cholesterol-loaded cyclodextrin. <b>2014</b> , 60, 143-9		8
241	Hazard Analysis and Critical Control Points System for a Bull Semen Production Centre. <b>2015</b> , 50, 972-9		3
240	Low density lipoproteins added to an extender frozen or lyophilized are evenly efficient in cryoprotecting ovine sperm cells than when 16% whole egg yolk was added. <b>2015</b> , 36, 1315		3
239	CARACTERÍSTICAS DO SEMEN CAPRINO DESCONGELADO APÓS A ADIÇÃO DE RINGER LACTATO, CITRATO DE SÓDIO E SOLUÇÃO DE TRIS. <b>2015</b> , 16, 243-250		1
238	Trehalose in glycerol-free freezing extender enhances post-thaw survival of boar spermatozoa. <b>2015</b> , 61, 205-10		14
237	Effect of different thawing procedures on the quality and fertility of the bull spermatozoa. <b>2015</b> , 4, 17-21		6
236	Sperm-egg penetration assay assessment of the contraceptive effects of glycerol and egg yolk in rooster sperm diluents. <b>2015</b> , 83, 1541-7		15
235	Effect of cholesterol-loaded-cyclodextrin on sperm viability and acrosome reaction in boar semen cryopreservation. <i>Animal Reproduction Science</i> , <b>2015</b> , 159, 124-30	2.1	16
234	Effect of ethanol induced mild stress on post-thawed bull sperm quality. <b>2015</b> , 71, 12-7		20
233	Cryopreservation of putative pre-pubertal bovine spermatogonial stem cells by slow freezing. <b>2015</b> , 70, 175-83		24
232	Cryopreservation in mammalian conservation biology: current applications and potential utility. <b>2015</b> , 1		6

231	Sperm fucosyltransferase-5 mediates spermatozoa-oviductal epithelial cell interaction to protect human spermatozoa from oxidative damage. <b>2015</b> , 21, 516-26		5
230	Different extenders in the cryopreservation of bovine epididymal spermatozoa. <i>Animal Reproduction Science</i> , <b>2015</b> , 161, 58-63	2.1	12
229	Cryopreservation of ram spermatozoa in the presence of cyclohexanhexol-derived synthetic ice blocker. <b>2015</b> , 123, 110-117		3
228	Effect of sperm storage and selection techniques on sperm parameters. <b>2015</b> , 61, 1-12		32
227	Lycopene and resveratrol improve post-thaw bull sperm parameters: sperm motility, mitochondrial activity and DNA integrity. <b>2015</b> , 47, 545-52		56
226	Combining reduced glutathione and ascorbic acid has supplementary beneficial effects on boar sperm cryotolerance. <b>2015</b> , 83, 399-407		31
225	Short-term cold storage of the semen of rainbow trout <i>Oncorhynchus mykiss</i> (Walbaum, 1792) incorporating DMSO in the sperm diluent. Effects on motility and fertilizing capacity. <b>2015</b> , 46, 37-44		11
224	Cryotolerance of stallion spermatozoa is related to ROS production and mitochondrial membrane potential rather than to the integrity of sperm nucleus. <b>2015</b> , 3, 395-407		62
223	Sperm motility and fertilization performance of <i>Nodipecten nodosus</i> (L., 1758) exposed at two different cryoprotectants. <b>2016</b> , 47, 624-631		1
222	Exogenous neurotensin modulates sperm function in Japanese Black cattle. <b>2016</b> , 62, 409-14		16
221	The Impact of Sperm Metabolism during In Vitro Storage: The Stallion as a Model. <b>2016</b> , 2016, 9380609		38
220	Evaluation of the Efficiency of Two Different Freezing Media and Two Different Protocols to Preserve Human Spermatozoa from Cryoinjury. <b>2016</b> , 2016, 6059757		4
219	Effect of cyclodextrin-loaded cholesterol conjugates on plasma membrane viability of Piau swine breed frozen/thawed spermatozoa. <b>2016</b> , 73, 1-6		6
218	Isolation of bacteria in semen and evaluation of antibiotics in extender for cryopreservation of buffalo ( <i>Bubalus bubalis</i> ) bull spermatozoa. <b>2016</b> , 48, 1166-1174		15
217	Effect of equilibration times, freezing, and thawing rates on post-thaw quality of buffalo ( <i>Bubalus bubalis</i> ) bull spermatozoa. <b>2016</b> , 4, 972-6		13
216	Possibilities for preserving genetic resources in birds. <b>2016</b> , 72, 629-642		6
215	Effective freezing rate for semen cryopreservation in endangered Mediterranean brown trout ( <i>Salmo trutta macrostigma</i> ) inhabiting the Biferno river (South Italy). <b>2016</b> , 24, 668-75		9
214	Quality of fresh and chilled-stored raccoon dog semen and its impact on artificial insemination efficiency. <b>2016</b> , 12, 224		4

213	Cryopreserving turkey semen in straws and nitrogen vapour using DMSO or DMA: effects of cryoprotectant concentration, freezing rate and thawing rate on post-thaw semen quality. <b>2016</b> , 57, 264-70		24
212	Toxoplasma gondii detection and viability assays in ham legs and shoulders from experimentally infected pigs. <b>2016</b> , 58, 112-20		8
211	The Replacement of Monosaccharide by Mannitol or Sorbitol in the Freezing Extender Enhances Cryosurvival of Ram Spermatozoa. <b>2016</b> , 14, 357-366		3
210	Optimizing the freezing rate for ovine semen cryopreservation: Phospholipid profiles and functions of the plasma membrane and quality and fertilization of spermatozoa. <b>2016</b> , 139, 46-51		11
209	Cryopreservation of captive roe deer (Capreolus capreolus) semen. <b>2016</b> , 86, 695-703		5
208	Cryopreservation of bull semen: Evolution from egg yolk based to soybean based extenders. <i>Animal Reproduction Science</i> , <b>2016</b> , 172, 1-9	2.1	61
207	The role of amides in seminal cryopreservation of wild silverside, <i>Odontesthes bonariensis</i> . <b>2016</b> , 73, 383-387		4
206	Lipid composition in common carp ( <i>Cyprinus carpio</i> ) sperm possessing different cryoresistance. <b>2016</b> , 73, 282-5		20
205	Combined effect of permeant and non-permeant cryoprotectants on the quality of frozen/thawed chicken sperm. <b>2016</b> , 73, 343-347		31
204	Cryopreservation of Indian red jungle fowl ( <i>Gallus gallus murghi</i> ) semen. <i>Animal Reproduction Science</i> , <b>2016</b> , 174, 45-55	2.1	27
203	Freezability of buffalo semen with TRIS extender enriched with disaccharides (trehalose or sucrose) and different glycerol concentrations. <b>2016</b> , 5, 416-418		
202	Preservation of honey bee spermatozoa using egg yolk and soybean lecithin-based semen extenders and a modified cryopreservation protocol. <b>2016</b> , 55, 279-283		4
201	Maintaining semen quality by improving cold chain equipment used in cattle artificial insemination. <b>2016</b> , 6, 28108		8
200	Cryoprotection synergism between glycerol and dimethyl sulfoxide improves the mitochondrial transmembrane potential, plasmalemma, acrosomal and DNA integrities, and in vivo fertility of water buffalo ( <i>Bubalus bubalis</i> ) spermatozoa. <b>2016</b> , 68, 2335-2344		7
199	Changes in Quality of Native and Frozenthawed Semen in Relation to Two Collections Performed in a 24-hour Interval and Adition of Clarified Egg Yolk to Extender. <b>2016</b> , 47, 60-67		2
198	Addition of antioxidants improves quality of ram spermatozoa during preservation at 4 °C. <b>2016</b> , 141, 24-28		11
197	Recent Developments in Stallion Semen Preservation. <b>2016</b> , 43, S29-S36		12
196	Effects of the Tris, Tes, or skim milk based extender on in vitro parameters of ram spermatozoa during liquid storage. <b>2016</b> , 134, 14-21		6

195	Protective effect of hyaluronic acid on cryopreserved boar sperm. <b>2016</b> , 87, 287-9		17
194	Effect of rainbow trout ( <i>Oncorhynchus mykiss</i> ) seminal plasma on the post-thaw quality of ram semen cryopreserved in a soybean lecithin-based or egg yolk-based extender. <i>Animal Reproduction Science</i> , <b>2016</b> , 164, 97-104	2.1	15
193	Enriching membrane cholesterol improves stability and cryosurvival of buffalo spermatozoa. <i>Animal Reproduction Science</i> , <b>2016</b> , 164, 72-81	2.1	19
192	Sperm cryopreservation update: Cryodamage, markers, and factors affecting the sperm freezability in pigs. <b>2016</b> , 85, 47-64		170
191	Cooled semen for fixed-time artificial insemination in beef cattle. <b>2016</b> , 28, 1004-1008		12
190	Effects of reduced glutathione on acrosin activity in frozen-thawed boar spermatozoa. <b>2017</b> , 29, 283-293		13
189	Trehalose improves rabbit sperm quality during cryopreservation. <b>2017</b> , 75, 45-51		17
188	Aquaglyceroporins 3 and 7 in bull spermatozoa: identification, localisation and their relationship with sperm cryotolerance. <b>2017</b> , 29, 1249-1259		15
187	Chapter 5 Slow Freezing of Human Sperm. <b>2017</b> , 1568, 67-78		9
186	Effect of cholesterol loaded cyclodextrin supplementation on tyrosine phosphorylation and apoptosis like changes in frozen thawed Harijana bull spermatozoa. <b>2017</b> , 96, 164-171		18
185	A comparison of semen diluents on the in vitro and in vivo fertility of liquid bull semen. <b>2017</b> , 100, 1541-1554		16
184	Dietary inclusion of fish oil changes the semen lipid composition but does not improve the post-thaw semen quality of ram spermatozoa. <i>Animal Reproduction Science</i> , <b>2017</b> , 183, 132-142	2.1	7
183	Effect of season and age on Indian red jungle fowl ( <i>Gallus gallus murghi</i> ) semen characteristics: A 4-year retrospective study. <b>2017</b> , 99, 105-110		4
182	A simple, field-friendly technique for cryopreserving semen from Asian elephants ( <i>Elephas maximus</i> ). <i>Animal Reproduction Science</i> , <b>2017</b> , 182, 84-94	2.1	5
181	Influence of partial or total replacement of glycerol by alternative cryoprotectants in Ghent freezing extender on post-thaw sperm quality in stallions. <b>2017</b> , 52, 715-721		6
180	Dietary Polyunsaturated Fatty Acid Supplementation Improves the Quality of Stallion Cryopreserved Semen. <b>2017</b> , 54, 18-23		6
179	Relationship of aquaporins 3 (AQP3), 7 (AQP7), and 11 (AQP11) with boar sperm resilience to withstand freeze-thawing procedures. <b>2017</b> , 5, 1153-1164		28
178	Effect of lecithin nanoliposome or soybean lecithin supplemented by pomegranate extract on post-thaw flow cytometric, microscopic and oxidative parameters in ram semen. <b>2017</b> , 78, 34-40		28

177	Antioxidative effect of BHA in soya bean lecithin-based extender containing Glycerol or DMSO on freezing capacity of goat semen. <b>2017</b> , 52, 985-991	5
176	Evaluation of Linolenic acid for freezability and in vivo fertility of Nili Ravi (Bubalus bubalis) buffalo semen. <b>2017</b> , 104, 1-6	5
175	Cryopreservation of Indian red jungle fowl (Gallus gallus murghi) semen with polyvinylpyrrolidone. <b>2017</b> , 78, 27-33	19
174	Interaction of extender composition and freezing method for effective semen cryopreservation in the North American river otter (Lontra canadensis). <b>2017</b> , 101, 26-34	3
173	Male Infertility. <b>2017</b> ,	1
172	Comparison of Cryopreservation Protocols (Single and Two-steps) and Thawing (Fast and Slow) for Canine Sperm. <b>2017</b> , 28, 67-73	13
171	Freezability of water buffalo bull (Bubalus bubalis) spermatozoa is improved with the addition of curcumin (diferuoyl methane) in semen extender. <b>2017</b> , 49, e12713	8
170	Survival of buffalo bull spermatozoa: effect on structure and function due to alpha-lipoic acid and cholesterol-loaded cyclodextrin. <b>2017</b> , 49, e12652	10
169	Evaluation of quail and turkey egg yolk for cryopreservation of Nili-Ravi buffalo bull semen. <b>2017</b> , 87, 259-265	12
168	Glutathione in combination with trehalose has supplementary beneficial effects on cryopreserved red deer (cervus elaphus) sperm. <b>2017</b> , 77, e12610	2
167	Resveratrol and Epigallocatechin-3-gallate addition to thawed boar sperm improves in vitro fertilization. <b>2017</b> , 90, 88-93	40
166	Cryopreservation of Indian Red Jungle Fowl (Gallus Gallus Murghi) Spermatozoa: A First Approach. <b>2017</b> , 10, 6-11	8
165	Crioconservaci3n de semen de dorada Brycon moorei con dimetilsulf3xido. <b>2017</b> , 19, 87-94	4
164	Kualitas Semen Beku Babi dalam Pengencer Komersial yang Disuplementasi dengan Trehalosa (THE QUALITY OF BOAR FROZEN SEMEN IN COMMERCIAL EXTENDER SUPPLEMENTED WITH TREHALOSE). <b>2017</b> , 18, 69-75	
163	The addition of the salmon oil in the freezing of equine semen. <b>2017</b> , 18, 604-609	
162	Effect of cooling rate on sperm quality of cryopreserved Andalusian donkey spermatozoa. <i>Animal Reproduction Science</i> , <b>2018</b> , 193, 201-208	2.1 3
161	Epididymal sperm from Spix's yellow-toothed cavius sperm successfully cryopreserved in Tris extender with 6% glycerol and 20% egg yolk. <i>Animal Reproduction Science</i> , <b>2018</b> , 191, 64-69	2.1 3
160	Successful sperm cryopreservation of the brown-marbled grouper, Epinephelus fuscoguttatus using propylene glycol as cryoprotectant. <b>2018</b> , 81, 168-173	13



159	A two-step dilution tris-egg yolk extender containing Equex STM significantly improves sperm cryopreservation in the African wild dog ( <i>Lycaon pictus</i> ). <b>2018</b> , 80, 18-25		14
158	Supplementation of ram semen extender to improve seminal quality and fertility rate. <i>Animal Reproduction Science</i> , <b>2018</b> , 192, 6-17	2.1	32
157	Cryoprotectant effect of trehalose in extender on post-thaw quality and in vivo fertility of water buffalo ( <i>Bubalus bubalis</i> ) bull spermatozoa. <b>2018</b> , 50, e12794		6
156	Gelatin protects ram semen stored for 72 h at 5 °C. <b>2018</b> , 158, 54-56		1
155	Investigation of in vitro measurable sperm attributes and their influence on electroejaculated bull semen with a fixed-time artificial insemination protocol in Australian Bos indicus cattle. <b>2018</b> , 53, 414-422		
154	Deep insemination with sex-sorted Cashmere goat sperm processed in the presence of antioxidants. <b>2018</b> , 53, 11-19		4
153	Effect of increasing equilibration time of diluted bull semen up to 72 h prior to freezing on sperm quality parameters and calving rate following artificial insemination. <b>2018</b> , 108, 217-222		8
152	Studies of the cryopreservation condition of <i>Gymnocypris przewalskii</i> spermatozoa. <i>Animal Reproduction Science</i> , <b>2018</b> , 188, 13-20	2.1	1
151	Cryoprotective Effect of Glycerol Concentrations on Indian Red Jungle Fowl ( <i>Gallus Gallus Murghi</i> ) Spermatozoa. <b>2018</b> , 11, 80-88		7
150	Perspectives in Gamete and Embryo Cryopreservation. <b>2018</b> , 36, 253-264		6
149	Morphological defects of sperm and their association with motility, fertility, and hatchability in four Korean native chicken breeds. <b>2018</b> , 31, 1160-1168		4
148	Influence of Breed and Individual Variation in the Quality of Frozen Canine Semen. <b>2018</b> , 09,		1
147	Semen Quality of Post-Thawed Local Ram in Tris-Egg Yolk Extender with Different Glutathione Level. <b>2018</b> , 119, 012034		1
146	Use of dimethylsulfoxide for semen cryopreservation in Indian red jungle fowl ( <i>Gallus gallus murghi</i> ). <b>2018</b> , 122, 61-67		7
145	Effects of different cryopreservation methods on DNA integrity and sperm chromatin quality in men. <b>2018</b> , 6, 829-835		27
144	Initial cooling time before freezing affects post-thaw quality and reproductive performance of rabbit semen. <b>2018</b> , 89, 1240-1244		5
143	Cryoprotectant effects of egg yolk on Indian red jungle fowl ( <i>Gallus gallus murghi</i> ) sperm. <b>2018</b> , 119, 150-155		7
142	Effect of Astragalus polysaccharide addition to thawed boar sperm on in vitro fertilization and embryo development. <b>2018</b> , 121, 21-26		11



141	QUALIDADE ESPERMÁTICA DURANTE A CURVA DE RESFRIAMENTO DO SEMEN SUO DILUÍDO EM GUA DE COCO EM VISANDO SUA CRIOPRESERVAÇÃO. <b>2018</b> , 19,		
140	The protease inhibitor antipain has a beneficial synergistic effect with trehalose for ram semen cryopreservation. <b>2018</b> , 53, 1359-1366		3
139	Cryopreservation effects on a viable sperm sterlet ( <i>Acipenser ruthenus</i> ) subpopulation obtained by a Percoll density gradient method. <b>2018</b> , 13, e0202514		18
138	Comparison of soy lecithin, coconut water, and coconut milk as substitutes for egg-yolk in semen cryodiluent for black rhinoceros ( <i>Diceros bicornis</i> ) and Indian rhinoceros ( <i>Rhinoceros unicornis</i> ). <b>2018</b> , 121, 72-77		3
137	Supplementation of cauda epididymal plasma improves sperm characteristics following liquid preservation of ram semen at 3-5°C. <b>2018</b> , 30, 1389-1401		4
136	Cryopreservation of epididymal and ejaculated bull spermatozoa. <b>2019</b> , 59, 861		1
135	Addition of insulin-like growth factor I (IGF-I) and reduced glutathione (GSH) to cryopreserved boar semen. <i>Animal Reproduction Science</i> , <b>2019</b> , 208, 106130	2.1	3
134	Advances in Cryopreservation of Bull Sperm. <b>2019</b> , 6, 268		60
133	Fertility maintenance in male oncological patients: current state and future perspectives. <b>2019</b> , 120, 485-493		1
132	Semen cryopreservation for the Mediterranean brown trout of the Biferno River (Molise-Italy): comparative study on the effects of basic extenders and cryoprotectants. <b>2019</b> , 9, 9703		8
131	Vegetal Production. <b>2019</b> , 153-219		
130	Quasichemical Approach to pH Shifts in Frozen Phosphate Buffers. <b>2019</b> , 58, 18422-18431		6
129	Effect of diluent type, cryoprotectant concentration, storage method and freeze/thaw rates on the post-thaw quality and fertility of cryopreserved alpaca spermatozoa. <b>2019</b> , 9, 12826		11
128	Use of the ACP and BTS extenders for cooling at 15°C white-lipped peccary ( <i>Tayassu pecari</i> ) semen. <b>2019</b> , 39, 332-341		0
127	Cooling of curimba ( <i>Prochilodus lineatus</i> ) embryos using different concentrations of dimethyl sulphoxide and methanol. <b>2019</b> , 48,		2
126	Freezability biomarkers in bull epididymal spermatozoa. <b>2019</b> , 9, 12797		8
125	Effect of dimethylacetamide and N-methylacetamide on the quality and fertility of frozen/thawed chicken semen. <b>2019</b> , 98, 6071-6077		9
124	Recent advances in bovine sperm cryopreservation techniques with a focus on sperm post-thaw quality optimization. <b>2019</b> , 54, 655-665		24

123	Artificial Insemination. <b>2019</b> , 746-777		0
122	Na <sup>+</sup> , K <sup>+</sup> -ATPase in ram sperm: Its importance for kinematics, localisation and expression on the sperm surface. <b>2019</b> , 176, 31-36		
121	Stimulating effects of Quercetin (QUE) in tris citric acid extender on post thaw quality and in vivo fertility of buffalo ( <i>Bubalus bubalis</i> ) bull spermatozoa. <b>2019</b> , 134, 18-23		16
120	Cryopreservation of Bangladeshi ram semen using different diluents and manual freezing techniques. <b>2019</b> , 89, 35-41		10
119	Comparative transcriptome analyses reveal changes of gene expression in fresh and cryopreserved yellow catfish ( <i>Pelteobagrus fulvidraco</i> ) sperm and the effects of Cryoprotectant MeSO. <b>2019</b> , 133, 457-465		2
118	The effects of xanthan gum on equine sperm quality during cooling storage. <b>2019</b> , 71, 28-34		1
117	Effect of supplementing vitamin E analogues on post-thaw semen parameters and fertility in chicken. <b>2019</b> , 1-6		2
116	Amides as cryoprotectants for the freezing of <i>Brycon orbignyanus</i> sperm. <b>2019</b> , 508, 90-97		7
115	Effect of Cryopreservation on Lipid Peroxidation, Antioxidant Potential, Chromatin Integrity, and Mitochondrial Activity of Indian Red Jungle Fowl ( <i>Gallus gallus</i> ) Semen. <b>2019</b> , 17, 288-295		7
114	Ostrich egg yolk improves post thaw quality and in vivo fertility of Nili Ravi buffalo ( <i>Bubalus bubalis</i> ) bull spermatozoa. <b>2019</b> , 126, 140-144		5
113	Freezing, Vitrification, and Freeze-Drying of Equine Spermatozoa: Impact on Mitochondrial Membrane Potential, Lipid Peroxidation, and DNA Integrity. <b>2019</b> , 72, 8-15		18
112	Comparison Between an Animal-Derived Product Medium and a Chemically Defined Medium for Ram Sperm Cryopreservation. <b>2019</b> , 17, 11-17		2
111	Spermatozoa Cryopreservation: State of Art and Future in Small Ruminants. <b>2019</b> , 17, 171-182		29
110	Dimethylsulfoxide, methanol and methylglycol in the seminal cryopreservation of <i>Suruvi, Steindachneridion scriptum</i> . <i>Animal Reproduction Science</i> , <b>2019</b> , 200, 7-13	2.1	8
109	Use of Hypertonic Media to Cryopreserve Sauger Spermatozoa. <b>2020</b> , 82, 84-91		2
108	Effect of carboxylated poly L-Lysine as a cryoprotectant on post-thaw quality and in vivo fertility of Nili Ravi buffalo ( <i>Bubalus bubalis</i> ) bull semen. <b>2020</b> , 144, 8-15		14
107	The proteomic characterization of ram sperm during cryopreservation analyzed by the two-dimensional electrophoresis coupled with mass spectrometry. <b>2020</b> , 97, 37-45		3
106	Irradiating frozen-thawed stallion sperm with red-light increases their resilience to withstand post-thaw incubation at 38 °C. <b>2020</b> , 157, 85-95		4

105	Cryopreservation of Human Spermatozoa: A New Frontier in Reproductive Medicine. <b>2020</b> ,		1
104	Effects of astaxanthin supplementation on the freezability, lipid peroxidation, antioxidant enzyme activities and post-thawing fertility of ram semen. <b>2020</b> , 192, 106213		0
103	The Acrosome Integrity Examination of Post-thawed Spermatozoa of Several Ongole Grade Bull in Indonesia Using Giemsa Staining Method. <b>2020</b> , 478, 012042		2
102	Effect of diluent sugars on capacitation status and acrosome reaction of spermatozoa in buck semen at refrigerated temperature. <b>2020</b> , 52, 3409-3415		3
101	A Comparison of Freezing Methods and Diluents Types on Post-Thaw Sperm Quality of Ram Sperm. <b>2020</b> , 7, 235-241		
100	Cryobiology and Cryopreservation of Sperm. <b>2020</b> ,		1
99	Sperm motility, kinematics, morphometry and morphology over two seasons in free-ranging African elephants ( <i>Loxodonta africana</i> ). <b>2020</b> , 32, 425-438		3
98	A model protocol for the cryopreservation and recovery of motile lizard sperm using the phosphodiesterase inhibitor caffeine. <b>2020</b> , 8, coaa044		6
97	Cryopreservation of Fish Gametes. <b>2020</b> ,		2
96	Reproductive technologies in avian species. <b>2020</b> , 193-228		
95	Comparison of different carrier-compounds and varying concentrations of oleic acid on freezing tolerance of ram spermatozoa in tris-citric acid-egg yolk plasma semen diluent. <i>Animal Reproduction Science</i> , <b>2020</b> , 219, 106533	2.1	6
94	Comparison Between Three Cryoprotectants in the Freezing of Semen Collected by Artificial Vagina. <b>2020</b> , 18, 351-357		1
93	Variation in sperm cryosurvival is not modified by replacing the cryoprotectant glycerol with ethylene glycol in bulls. <b>2020</b> , 55, 1210-1218		2
92	Preservation techniques of stem cells extracellular vesicles: a gate for manufacturing of clinical grade therapeutic extracellular vesicles and long-term clinical trials. <b>2020</b> , 8, 1-8		24
91	Safety assessment of poly(N-vinylcaprolactam) as a potential drug carrier in extenders for boar sperm cryopreservation. <b>2020</b> , 65, 104766		1
90	Comparison of TNC and standard extender on post-thaw quality and in vivo fertility of Thai native chicken sperm. <b>2020</b> , 92, 197-202		2
89	Rutin protects boar sperm from cryodamage via enhancing the antioxidative defense. <b>2020</b> , 91, e13328		7
88	Cryopreservation of sperm in brown-marbled grouper ( <i>Epinephelus fuscoguttatus</i> ). <b>2020</b> , 28, 1501-1516		4

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