

# CITATION REPORT

List of articles citing

## Storage of ram semen

DOI: 10.1016/s0378-4320(00)00155-x  
Animal Reproduction Science, 2000, 62, 77-111.

**Source:** <https://exaly.com/paper-pdf/32020514/citation-report.pdf>

**Version:** 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
407	Storage of ram semen. <i>Animal Reproduction Science</i> , <b>2000</b> , 62, 77-111	2.1	360
406	Reproductive techniques in sheep. <b>2001</b> , 17, 435-55, viii		8
405	Capacitation-like changes in equine spermatozoa throughout the cryopreservation process. <b>2002</b> , 14, 225-33		29
404	Current status of sperm cryopreservation: why isn't it better?. <b>2002</b> , 57, 327-44		259
403	Influence of centrifugation or low extension rates prefreezing on the fertility of ram semen after cervical insemination. <b>2002</b> , 57, 1781-92		10
402	Effect of initial freezing temperature on the semen characteristics of frozen-thawed ram spermatozoa in a semi-arid tropical environment. <b>2002</b> , 43, 23-29		8
401	Assessment of motility, acrosomal integrity, and viability of giant panda ( <i>Ailuropoda melanoleuca</i> ) sperm following short-term storage at 4°C. <b>2003</b> , 22, 529-544		8
400	In vitro and in vivo assessment of functional capacity of flow cytometrically sorted ram spermatozoa after freezing and thawing. <b>2003</b> , 15, 351-9		70
399	Influence of extender, temperature, and addition of glycerol on post-thaw sperm parameters in ram semen. <b>2003</b> , 59, 1241-55		80
398	Fertility of ram semen frozen in Bioexcell and used for cervical artificial insemination. <b>2003</b> , 59, 1157-70		68
397	Effect of sperm coating on the survival and penetrating ability of in vitro stored bovine spermatozoa. <b>2003</b> , 59, 1109-22		16
396	In vitro survival of bovine spermatozoa stored at room temperature under epididymal conditions. <b>2003</b> , 59, 1093-107		24
395	Effect of freezing-thawing protocols on the performance of semen from three rabbit lines after artificial insemination. <b>2003</b> , 60, 115-23		33
394	Effect of epididymis handling conditions on the quality of ram spermatozoa recovered post-mortem. <b>2003</b> , 60, 1249-59		98
393	Field and in vitro assay of three methods for freezing ram semen. <b>2003</b> , 60, 1293-308		44
392	The effect of cooling rate on the survival of cryopreserved bull, ram, and boar spermatozoa: a comparison of two controlled-rate cooling machines. <b>2003</b> , 46, 246-53		54
391	Fecundity Genes. <b>2003</b> , 632-636		

390	Intra-uterine insemination in farm animals and humans. <b>2004</b> , 39, 195-204		8
389	Use of powdered egg yolk vs fresh egg yolk for the cryopreservation of ovine semen. <b>2004</b> , 39, 438-41		20
388	Preservation and artificial insemination of sexed semen in sheep. <b>2004</b> , 16, 455		17
387	Effect of post-thaw incubation on sperm kinematics and acrosomal integrity of ram spermatozoa cryopreserved in medium-sized French straws. <b>2004</b> , 62, 415-24		17
386	Liquid storage of flow cytometrically sorted ram spermatozoa. <b>2004</b> , 62, 587-605		15
385	Liquid storage of Asian elephant ( <i>Elephas maximus</i> ) sperm at 4 degrees C. <i>Animal Reproduction Science</i> , <b>2004</b> , 80, 329-40	2.1	23
384	Preservation and evaluation of semen for artificial insemination. <b>2004</b> , 16, 447		27
383	Daya Hidup Spermatozoa Epididimis Domba Garut yang Dikriopreservasi Menggunakan Modifikasi Pengencer Tris. <b>2005</b> , 12, 61-66		6
382	Effect of post-thawing incubation on sperm motility and acrosomal integrity of cryopreserved Garole ram semen. <b>2005</b> , 56, 231-238		12
381	Post-thaw survival and acrosome integrity of spermatozoa of Lecce rams frozen in different seasons with a milk-egg yolk extender. <b>2005</b> , 4, 139-148		1
380	Factors influencing the success of vaginal and laparoscopic artificial insemination in churra ewes: a field assay. <b>2005</b> , 63, 1235-47		58
379	Effects of solid storage of sheep spermatozoa at 15 degrees C on their survival and penetrating capacity. <b>2005</b> , 64, 1844-51		28
378	Evaluation of gross anatomical features of cervix of tropical sheep using cervical silicone moulds. <i>Animal Reproduction Science</i> , <b>2005</b> , 85, 337-44	2.1	22
377	Post-thaw viability of european bison ( <i>Bison bonasus</i> ) semen frozen with extenders containing egg yolk or lipids of plant origin and examined with a heterologous in vitro fertilization assay. <b>2006</b> , 37, 116-25		13
376	Influence of various permeating cryoprotectants on freezability of Iberian red deer ( <i>Cervus elaphus hispanicus</i> ) epididymal spermatozoa: effects of concentration and temperature of addition. <b>2006</b> , 27, 734-45		17
375	Effectiveness of a tris-based extender (SHOTOR diluent) for the preservation of Bactrian camel ( <i>Camelus bactrianus</i> ) semen. <b>2006</b> , 53, 12-21		22
374	The difference in embryo quality between Belclare and Suffolk ewes is not due to differences in oocyte quality. <b>2006</b> , 66, 191-7		4
373	Birth of live Spanish ibex ( <i>Capra pyrenaica hispanica</i> ) derived from artificial insemination with epididymal spermatozoa retrieved after death. <b>2006</b> , 66, 283-91		48

372	Long-term cryopreservation of mouse sperm. <b>2006</b> , 66, 1098-101		23
371	A pilot study on post-thawing quality of Iberian red deer spermatozoa (epididymal and electroejaculated) depending on glycerol concentration and extender osmolality. <b>2006</b> , 66, 1165-72		39
370	Effect of egg yolk concentration on cryopreserving Spanish ibex ( <i>Capra pyrenaica</i> ) epididymal spermatozoa. <b>2006</b> , 66, 1219-26		20
369	Structure of mammalian spermatozoa in respect to viability, fertility and cryopreservation. <b>2006</b> , 37, 597-612		47
368	New insights towards understanding the mechanisms of sperm protection by egg yolk and milk. <b>2006</b> , 73, 1338-44		171
367	Improvement strategies in ovine artificial insemination. <b>2006</b> , 41 Suppl 2, 30-42		50
366	Novel gamete storage. <b>2007</b> , 19, 719-31		18
365	Milk caseins decrease the binding of the major bovine seminal plasma proteins to sperm and prevent lipid loss from the sperm membrane during sperm storage. <b>2007</b> , 77, 120-6		47
364	Cryopreservation of goat spermatozoa: comparison of two freezing extenders based on post-thaw sperm quality and fertility rates after artificial insemination. <b>2007</b> , 68, 168-77		52
363	Effect of breed and sperm concentration on the changes in structural, functional and motility parameters of ram-lamb spermatozoa during storage at 4 degrees C. <i>Animal Reproduction Science</i> , <b>2007</b> , 101, 60-73	2.1	35
362	Successful low dose insemination of flow cytometrically sorted ram spermatozoa in sheep. <b>2007</b> , 42, 648-53		27
361	Application and commercialization of flow cytometrically sex-sorted semen. <b>2008</b> , 43 Suppl 2, 338-46		54
360	Seminal plasma proteins and sperm resistance to stress. <b>2008</b> , 43 Suppl 4, 18-31		99
359	Sperm cryopreservation in brown bear ( <i>Ursus arctos</i> ): preliminary aspects. <b>2008</b> , 43 Suppl 4, 9-17		26
358	Effect of egg yolk, cryoprotectant, and various sugars on semen cryopreservation in endangered Cuvier's gazelle ( <i>Gazella cuvieri</i> ). <i>Animal Reproduction Science</i> , <b>2008</b> , 108, 384-401	2.1	36
357	Use of image analysis to assess the plasma membrane integrity of ram spermatozoa in different diluents. <b>2008</b> , 70, 192-8		18
356	Effect of controlled and uncontrolled rate of cooling, prior to controlled rate of freezing, on motion characteristics and acrosomal integrity of cryopreserved ram spermatozoa. <b>2008</b> , 6, 277-84		6
355	Environmental and genetic variation factors of artificial insemination success in French dairy sheep. <b>2008</b> , 2, 979-86		16

354	Semen collection, characterisation and artificial insemination in the beluga ( <i>Delphinapterus leucas</i> ) using liquid-stored spermatozoa. <b>2008</b> , 20, 770-83		33
353	Temporal dynamics of ram sperm binding and survival during 48-h coculture with oviducal epithelial cells. <b>2008</b> , 20, 835-45		9
352	In vivo imaging of in situ motility of fresh and liquid stored ram spermatozoa in the ewe genital tract. <b>2009</b> , 138, 45-53		39
351	Effects of oviducal proteins, including heat shock 70 kDa protein 8, on survival of ram spermatozoa over 48 h in vitro. <b>2009</b> , 21, 408-18		44
350	Motility and viability of ram sperm cryopreserved in a Tris-egg yolk extender supplemented with anti-oxidants. <b>2009</b> , 85, 85-90		30
349	Ultrastructural study of the ability of seminal plasma proteins to protect ram spermatozoa against cold-shock. <b>2009</b> , 72, 566-72		26
348	Reproductive potential of domestic <i>Ovis aries</i> for preservation of threatened <i>Ovis orientalis isphahanica</i> : in vitro and in vivo studies. <b>2009</b> , 55, 239-246		4
347	Cryopreservation of domestic animal sperm cells. <b>2009</b> , 10, 49-62		170
346	Factors affecting the quality of cryopreserved buffalo ( <i>Bubalus bubalis</i> ) bull spermatozoa. <b>2009</b> , 44, 552-69		105
345	Motility and acrosomal integrity comparisons between electro-ejaculated and epididymal ram sperm after exposure to a range of anisotonic solutions, cryoprotective agents and low temperatures. <i>Animal Reproduction Science</i> , <b>2009</b> , 110, 256-68	2.1	37
344	Seminal plasma proteins do not consistently improve fertility after cervical insemination of ewes with non-sorted or sex-sorted frozen-thawed ram spermatozoa. <b>2010</b> , 22, 606-12		20
343	The protective effect of egg yolk from different avian species during the cryopreservation of Karayaka ram semen. <b>2010</b> , 88, 12-15		26
342	Cryoprotectant effect of trehalose and low-density lipoprotein in extenders for frozen ram semen. <b>2010</b> , 93, 206-209		22
341	Significance of non-conventional parameters in the evaluation of cooling-induced damage to ram spermatozoa diluted in three different media. <b>2010</b> , 45, e260-8		9
340	Viabilidade in vitro de células espermáticas ovinas submetidas a diferentes diluentes e a refrigeração. <b>2010</b> , 62, 528-535		1
339	Preservation of liquid semen and Artificial Insemination in native sheep. <b>2010</b> , 7, 305-308		8
338	Assessment of bovine spermatozoa viability using different cooling protocols prior to cryopreservation. <b>2010</b> , 9, e88		11
337	The effect of cryopreservation on goat semen characteristics related to sperm freezability. <i>Animal Reproduction Science</i> , <b>2010</b> , 121, 115-23	2.1	22

336	Effect of storage duration, storage temperature, and diluent on the viability and fertility of fresh ram sperm. <b>2010</b> , 73, 541-9		88
335	Effect of basic factors of extender composition on post-thawing quality of brown bear electroejaculated spermatozoa. <b>2010</b> , 74, 643-51		33
334	Development of extender based on soybean lecithin for its application in liquid ram semen. <b>2010</b> , 74, 663-71		30
333	The effect of sperm and cryoprotectant concentration on the freezing success of sex sorted ram sperm for in vitro fertilization. <b>2010</b> , 74, 786-94		3
332	In vitro and in vivo fertility of ram semen cryopreserved in different extenders. <i>Animal Reproduction Science</i> , <b>2010</b> , 117, 74-7	2.1	21
331	Treating ram sperm with cholesterol-loaded cyclodextrins improves cryosurvival. <i>Animal Reproduction Science</i> , <b>2010</b> , 118, 236-47	2.1	79
330	High pre-freezing dilution improves post-thaw function of ram spermatozoa. <i>Animal Reproduction Science</i> , <b>2010</b> , 119, 137-46	2.1	15
329	Lipid peroxidation and generation of hydrogen peroxide in frozen-thawed ram semen cryopreserved in extenders with antioxidants. <i>Animal Reproduction Science</i> , <b>2010</b> , 122, 118-23	2.1	69
328	Bacterial contamination of ram semen, antibiotic sensitivities, and effects on sperm quality during storage at 15°C. <i>Animal Reproduction Science</i> , <b>2010</b> , 122, 142-9	2.1	70
327	Influence of sperm concentration on the motility, morphology, membrane and DNA integrity along with oxidative stress parameters of ram sperm during liquid storage. <i>Animal Reproduction Science</i> , <b>2010</b> , 122, 200-7	2.1	35
326	The major proteins of bovine seminal plasma interact with caseins and whey proteins of milk extender. <b>2011</b> , 85, 457-64		15
325	Sperm surface changes and physiological consequences induced by sperm handling and storage. <b>2011</b> , 142, 759-78		117
324	Effect of controlled and uncontrolled cooling rate on motility parameters of cryopreserved ram spermatozoa. <b>2011</b> , 4, 547		10
323	Effect of transportation temperature on the quality of cauda epididymal spermatozoa of ram. <i>Animal Reproduction Science</i> , <b>2011</b> , 123, 54-9	2.1	26
322	Cryopreservation of bull semen shipped overnight and its effect on post-thaw sperm motility, plasma membrane integrity, mitochondrial membrane potential and normal acrosomes. <i>Animal Reproduction Science</i> , <b>2011</b> , 126, 23-31	2.1	34
321	Quantification of damage at different stages of cryopreservation of endangered North American bison ( <i>Bison bison</i> ) semen and the effects of extender and freeze rate on post-thaw sperm quality. <i>Animal Reproduction Science</i> , <b>2011</b> , 129, 171-9	2.1	8
320	Antioxidant combinations are no more beneficial than individual components in combating ram sperm oxidative stress during storage at 5°C. <i>Animal Reproduction Science</i> , <b>2011</b> , 129, 180-7	2.1	10
319	Objective assessment of the cryoprotective effects of dimethylformamide for freezing goat semen. <b>2011</b> , 63, 263-6		16

3 <sup>18</sup>	[In vivo imaging of ram spermatozoa in the ewe genital tract using fibered confocal microscopy]. <b>2011</b> , 39, 633-5	3
3 <sup>17</sup>	Natural, but not lyophilized, low density lipoproteins were an acceptable alternative to egg yolk for cryopreservation of ram semen. <b>2011</b> , 75, 300-7	27
3 <sup>16</sup>	Comparison of prostaglandin- and progesterone-based protocols for timed artificial insemination in sheep. <b>2011</b> , 75, 1232-8	29
3 <sup>15</sup>	Effect of low-density lipoproteins, spermatozoa concentration and glycerol on functional and motility parameters of bull spermatozoa during storage at 4 °C. <b>2011</b> , 13, 281-6	13
3 <sup>14</sup>	Efficiency of sperm-mediated gene transfer in the ovine by laparoscopic insemination, in vitro fertilization and ICSI. <b>2011</b> , 57, 188-96	21
3 <sup>13</sup>	Effect of controlled and uncontrolled cooling rate on motility parameters of cryopreserved ram spermatozoa. <b>2011</b> , 10, 8965-8969	3
3 <sup>12</sup>	A polymorphism at the melatonin receptor 1A (MTNR1A) gene in Sarda ewes affects fertility after AI in the spring. <b>2011</b> , 23, 376-80	21
3 <sup>11</sup>	Pregnancy rate and prolificacy after artificial insemination in ewes following synchronisation with prostaglandin, sponges, or sponges with bactericide. <b>2011</b> , 51, 565	16
3 <sup>10</sup>	Chilled storage of ram semen improves with the addition of egg yolk and glycerol to milk-based extenders. <b>2011</b> , 46, 503-7	7
3 <sup>09</sup>	Conception rates in ewes after AI with ram semen preserved in milk-egg yolk extenders supplemented with glycerol. <b>2011</b> , 46, 508-12	6
3 <sup>08</sup>	Freezability of Tushin ram semen extended with goat or cow milk based extenders. <b>2011</b> , 46, 975-9	4
3 <sup>07</sup>	Zwitterionic buffers preserve ram semen quality more efficiently than TRIS during storage at 15°C. <b>2011</b> , 95, 54-60	18
3 <sup>06</sup>	Lipid peroxidation and generation of hydrogen peroxide in frozen-thawed ram semen supplemented with catalase or Trolox. <b>2011</b> , 95, 144-149	25
3 <sup>05</sup>	The effect of supplementation of cryopreservation diluents with sugars on the post-thawing fertility of ram semen. <b>2011</b> , 96, 58-63	33
3 <sup>04</sup>	Strategies to improve the reproductive efficiency of goats in Brazil. <b>2011</b> , 98, 176-184	13
3 <sup>03</sup>	Effects of reduced glutathione and catalase on the kinematics and membrane functionality of sperm during liquid storage of ram semen. <b>2011</b> , 100, 44-49	42
3 <sup>02</sup>	Freeze-thaw induced genotoxicity in buffalo ( <i>Bubalus bubalis</i> ) spermatozoa in relation to total antioxidant status. <b>2011</b> , 38, 1499-506	25
3 <sup>01</sup>	Influence of addition of different antibiotics in semen diluent on viable bacterial count and spermatozoal viability of Awassi ram semen. <b>2012</b> , 75	8

300	Artificial insemination of small ruminants - a review. <b>2012</b> , 60, 115-29		21
299	Sperm concentration at freezing affects post-thaw quality and fertility of ram semen. <b>2012</b> , 77, 1111-8		27
298	Effect of antioxidants resveratrol and quercetin on in vitro evaluation of frozen ram sperm. <b>2012</b> , 77, 1722-6		88
297	Cryopreservation of collared peccaries ( <i>Tayassu tajacu</i> ) semen using a powdered coconut water (ACP-116c) based extender plus various concentrations of egg yolk and glycerol. <b>2012</b> , 78, 605-11		21
296	Semen processing and artificial insemination in health management of small ruminants. <i>Animal Reproduction Science</i> , <b>2012</b> , 130, 187-92	2.1	40
295	Design and "in vivo" evaluation of two adapted catheters for intrauterine transcervical insemination in sheep. <i>Animal Reproduction Science</i> , <b>2012</b> , 131, 153-9	2.1	15
294	Specificity of the extender used for freezing ram sperm depends of the spermatozoa source (ejaculate, electroejaculate or epididymis). <i>Animal Reproduction Science</i> , <b>2012</b> , 132, 145-54	2.1	21
293	In vitro evaluation of ram sperm frozen with glycerol, ethylene glycol or acetamide. <i>Animal Reproduction Science</i> , <b>2012</b> , 132, 155-8	2.1	19
292	Cryopreservation of Greenshell Mussel ( <i>Perna canaliculus</i> ) sperm. I. Establishment of freezing protocol. <b>2012</b> , 334-337, 199-204		25
291	Quality characteristics and fertilizing ability of ram sperm subpopulations separated by partition in an aqueous two-phase system. <b>2012</b> , 880, 74-81		7
290	Soy lecithin interferes with mitochondrial function in frozen-thawed ram spermatozoa. <b>2012</b> , 33, 717-25		35
289	Single layer centrifugation (SLC) improves sperm quality of cryopreserved Blanca-Celtib <sup>h</sup> ica buck semen. <i>Animal Reproduction Science</i> , <b>2012</b> , 136, 47-54	2.1	26
288	Cryopreservation of Greenshell Mussel ( <i>Perna canaliculus</i> ) sperm. II. Effect of cryopreservation on fertility, motility, viability and chromatin integrity. <b>2012</b> , 364-365, 322-328		8
287	Crioprotectores etileno glicol ou acetamida na viabilidade in vitro de espermatozoides congelados de ovinos. <b>2012</b> , 42, 1083-1088		0
286	Pre-incubation prior to semen processing and the subsequent effect on the quality of fresh-cooled and cryopreserved ram semen. <b>2012</b> , 102, 57-62		1
285	Effect of incorporation of additives in tris-based egg yolk extender on buffalo ( <i>Bubalus bubalis</i> ) sperm tyrosine phosphorylation during cryopreservation. <b>2012</b> , 47, 485-90		20
284	Effect of several antioxidants on thawed ram spermatozoa submitted to 37°C up to four hours. <b>2012</b> , 47, 907-14		31
283	Follicular dynamics, interval to ovulation and fertility after AI in short-term progesterone and PGF <sub>2β</sub> bestrous synchronization protocol in sheep. <b>2012</b> , 47, 946-51		17



282	How developments in cryobiology, reproductive technologies and conservation genomics could shape gene banking strategies for (farm) animals. <b>2012</b> , 47 Suppl 4, 264-73		20
281	Sperm interaction with the female reproductive tract. <b>2012</b> , 47 Suppl 4, 348-52		19
280	Evaluation of Tris-citric acid, skim milk and sodium citrate extenders for liquid storage of Punjab Urial ( <i>Ovis vignei punjabiensis</i> ) spermatozoa. <b>2013</b> , 13, 238-42		10
279	Motility and fertility of boar semen after liquid preservation at 5°C for more than 2 weeks. <b>2013</b> , 84, 600-6		9
278	The effect of bovine serum albumin and fetal calf serum on sperm quality, DNA fragmentation and lipid peroxidation of the liquid stored rabbit semen. <b>2013</b> , 67, 1-6		27
277	Function of ram spermatozoa frozen in diluents supplemented with casein and vegetable oils. <i>Animal Reproduction Science</i> , <b>2013</b> , 138, 213-9	2.1	11
276	Effect of different levels of l-Glutamine and glycerol on freezing of ram spermatozoa. <b>2013</b> , 115, 103-107		5
275	Association of soybean-based extenders with field fertility of stored ram ( <i>Ovis aries</i> ) semen: a randomized double-blind parallel group design. <b>2013</b> , 79, 517-27		16
274	Effect of pre-freeze semen quality, extender and cryoprotectant on the post-thaw quality of Asian elephant ( <i>Elephas maximus indicus</i> ) semen. <b>2013</b> , 66, 52-9		14
273	Testing <i>Rhodiola sachalinensis</i> saccharide as cryoprotectant for bovine spermatozoa. <b>2013</b> , 96, 6965-6972		8
272	The effects of cooling rates and type of freezing extenders on cryosurvival of rat sperm. <b>2013</b> , 67, 109-16		20
271	Effects of five cryoprotective agents on quality of sheep epididymal spermatozoa during pre-freezing. <b>2013</b> , 152, 94-99		5
270	Cryobanking of farm animal gametes and embryos as a means of conserving livestock genetics. <i>Animal Reproduction Science</i> , <b>2013</b> , 138, 25-38	2.1	50
269	Assessment of post-thawed ram sperm viability after incubation with seminal plasma. <b>2013</b> , 14, 333-9		13
268	Environmental and male variation factors of freezability in rabbit semen. <b>2013</b> , 79, 582-9		9
267	Raffinose and hypotaurine improve the post-thawed Merino ram sperm parameters. <b>2013</b> , 67, 34-9		31
266	Cryopreservation of collared peccary ( <i>Pecari tajacu</i> ) semen using different freezing curves, straw sizes, and thawing rates. <b>2013</b> , 67, 50-5		11
265	Optimization of ram semen cryopreservation using a chemically defined soybean lecithin-based extender. <b>2013</b> , 48, 899-904		48

264	Effect of different diluents and storage time on field fertility of cooled ram semen after vaginal insemination. <b>2013</b> , 115, 82-85		2
263	Royal Jelly improves the sperm parameters of ram semen during liquid storage and serves as an antioxidant source. <b>2013</b> , 113, 346-352		25
262	The antioxidant effects of soybean lecithin- or low-density lipoprotein-based extenders for the cryopreservation of brown-bear ( <i>Ursus arctos</i> ) spermatozoa. <b>2013</b> , 25, 1185-93		16
261	Adi�o de plasma seminal ao s�men descongelado e taxa de prenhez de ovelhas inseminadas em tempo fixo. <b>2013</b> , 65, 13-18		3
260	THE EFFECT OF GLYCEROL CONCENTRATION IN TRIS GLUCOSE EGG YOLK EXTENDER ON THE QUALITY OF TIMOR DEER FROZEN SEMEN. <b>2014</b> , 36,		2
259	Caracter�sticas do s�men de carneiros Dorper, Santa In� e sem padr�o racial definido, pr�e p�o-congela�o, nos per�odos chuvoso e seco. <b>2014</b> , 66, 969-976		2
258	Cryopreservation of Semen. <b>2014</b> , 662-670		
257	Influence of Glutathione on Kinetic Parameters of Frozen-Thawed Spermatozoa from Ovchepolian Pramenka Rams. <b>2014</b> , 37, 121-128		1
256	Highlights on Artificial Insemination (AI) Technology in the Pigs. <b>2014</b> , 37, 5-34		9
255	Refrigerated storage of ram sperm in presence of Trolox and GSH antioxidants: effect of temperature, extender and storage time. <i>Animal Reproduction Science</i> , <b>2014</b> , 151, 137-47	2.1	29
254	Antioxidant effects of clove bud ( <i>Syzygium aromaticum</i> ) extract used with different extenders on ram spermatozoa during cryopreservation. <b>2014</b> , 69, 482-7		32
253	Comparison of cryoprotective effects of lycopene and cysteamine in different cryoprotectants on bull semen and fertility results. <b>2014</b> , 49, 746-52		18
252	Effect of insulin-like growth factor I on functional parameters of ram cooled-stored spermatozoa. <b>2014</b> , 22, 305-13		12
251	Prolonged post cooling but not pre-cooling equilibrium length improves the viability of ram sperm cryopreserved in an extender containing low-density lipoproteins. <b>2014</b> , 119, 88-95		6
250	Post-thaw quality of buck semen samples cooled at 5�C up to 2 days before cryopreservation. <b>2014</b> , 121, 101-105		1
249	In vitro assessment of soybean lecithin and egg yolk based diluents for cryopreservation of goat semen. <b>2014</b> , 68, 276-80		49
248	Effect of metformin on the fertilizing ability of mouse spermatozoa. <b>2014</b> , 68, 262-8		34
247	Impact of using a fast-freezing technique and different thawing protocols on viability and fertility of frozen equine spermatozoa. <b>2014</b> , 46, 1055-62		6

246	Effect of rapid freezing-thawing techniques on the sperm parameters and ultrastructure of Chinese Taihang black goat spermatozoa. <b>2014</b> , 57, 6-12		9
245	Effect of different levels of glycerol and cholesterol-loaded cyclodextrin on cryosurvival of ram spermatozoa. <b>2014</b> , 49, 65-70		20
244	Cryogenic changes in proteases and antiprotease activities of buffalo ( <i>Bubalus bubalis</i> ) and cattle ( <i>Bos taurus</i> ) semen. <b>2014</b> , 81, 396-402		13
243	Effect of time and depth of insemination on fertility of Bharat Merino sheep inseminated trans-cervical with frozen-thawed semen. <b>2014</b> , 56, 8		9
242	Sperm cryopreservation in wild animals. <b>2014</b> , 60, 851-864		25
241	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
240	Use of commercial extenders and alternatives to prevent sperm agglutination for cryopreservation of brown bear semen. <b>2014</b> , 82, 469-74		7
239	The Use of Antibiotics in Cryopreservation of Ram Sperm. <b>2014</b> , 1-7		4
238	Effect of testicle postmortem storage on goat frozen-thawed epididymal sperm quality as a tool to improve genebanking in local breeds. <b>2014</b> , 8, 440-7		8
237	Fertility of undiluted ram epididymal spermatozoa stored for several days at 4°C. <b>2015</b> , 9, 313-9		9
236	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
235	Crioprotetor para s <sup>ˆ</sup> men de carneiro a base de plasma de gema mant <sup>ˆ</sup> in membrana acrossomal intacta ap <sup>ˆ</sup> s <sup>ˆ</sup> a descongela <sup>ˆ</sup> ˆB. <b>2015</b> , 45, 1107-1112		1
234	CHARACTER <sup>ˆ</sup> STICAS DO S <sup>ˆ</sup> MEN CAPRINO DESCONGELADO AP <sup>ˆ</sup> S <sup>ˆ</sup> A ADI <sup>ˆ</sup> ˆD DE RINGER LACTATO, CITRATO DE S <sup>ˆ</sup> DIO E SOLU <sup>ˆ</sup> ˆD TRIS. <b>2015</b> , 16, 243-250		1
233	Glutathione supplementation to semen extender improves the quality of frozen-thawed canine spermatozoa for transcervical insemination. <b>2015</b> , 61, 116-22		7
232	Effect of preservation time on the quality of frozen semen in indigenous rams. <b>2015</b> , 44, 10-15		2
231	Effect of thawing methods on frozen semen quality of yak ( <i>Poephagus grunniens</i> L.) bulls. <b>2015</b> , 8, 831-4		2
230	The effect of season on spermatozoa motility, plasma membrane and acrosome integrity in fresh and frozen-thawed semen from Xinong Saanen bucks. <b>2015</b> , 50, 23-8		19
229	Cryopreservation of stallion spermatozoa using different cryoprotectants and combinations of cryoprotectants. <i>Animal Reproduction Science</i> , <b>2015</b> , 163, 75-81	2.1	22

228	Commercial extenders and freezing curves for the preservation of sperm cells of white-tailed deer ( <i>Odocoileus virginianus</i> ). <b>2015</b> , 43, 468-473		2
227	Protective effect of cholesterol-loaded cyclodextrin pretreatment against hydrogen peroxide induced oxidative damage in ram sperm. <b>2015</b> , 71, 18-23		12
226	Effect of pasteurized egg yolk and rosemary honey supplementation on quality of cryopreserved ram semen. <b>2015</b> , 130, 153-156		7
225	Development of an analytical method to determine malondialdehyde as an oxidative marker in cryopreserved bovine semen. <b>2015</b> , 7, 6331-6338		9
224	Effect of argan oil on liquid storage of ram semen in Tris or skim milk based extenders. <i>Animal Reproduction Science</i> , <b>2015</b> , 160, 57-67	2.1	17
223	Effects of astaxanthin supplementation on the sperm quality and antioxidant capacity of ram semen during liquid storage. <b>2015</b> , 130, 178-182		18
222	Ko <sup>^</sup> Spermatozoon Dondurulmasında Kullanılan Soğutma Oranlarının Membran Bütünlüğüne Motilite ve Canlılıklarına Etkisi. <b>2015</b> ,		1
221	Effect of cooling rate and equilibration time on pre-freeze and post-thaw survival of buck sperm. <b>2015</b> , 70, 233-8		9
220	Fertilization capacity of cryopreserved Iberian ibex epididymal sperm in a heterologous in vitro fertilization assay. <b>2015</b> , 23, 136-44		4
219	CRYOPRESERVATION OF ONAGER ( <i>EQUUS HEMIONUS ONAGER</i> ) EPIDIDYMAL SPERMATOZOA. <b>2015</b> , 46, 517-25		5
218	Interaction of milk proteins and Binder of Sperm (BSP) proteins from boar, stallion and ram semen. <b>2015</b> , 13, 92		17
217	Laser researches on livestock semen and oocytes: A brief review. <b>2015</b> , 6, 311-7		13
216	Negative effect of combined cysteine and glutathione in soy lecithin-based extender on post-thawed ram spermatozoa. <b>2015</b> , 16, 443-8		10
215	Effect of different concentrations of trehalose and glycerol on the freezability of ram semen using soybean lecithin-based diluents. <b>2015</b> , 55, 666		3
214	Fertility and flow cytometric evaluations of frozen-thawed rooster semen in cryopreservation medium containing low-density lipoprotein. <b>2015</b> , 83, 78-85		48
213	Effects of glycerol and sugar mixing temperature on the morphologic and functional integrity of cryopreserved ram sperm. <b>2015</b> , 83, 144-51		15
212	Protective effects of the antioxidants curcumin, ellagic acid and methionine on motility, mitochondrial transmembrane potential, plasma membrane and acrosome integrity in freeze-thawed Merino ram sperm. <b>2016</b> , 61, 10-16		15
211	Effects of post-mortem storage conditions of bovine epididymides on sperm characteristics: investigating a tool for preservation of sperm from endangered species. <b>2016</b> , 4, cow069		8

210	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
209	Effects of Extenders on Fresh and Freezing Semen of Boer Goat. <b>2016</b> , 11, 125-130		4
208	Serum profile of cytokines interferon gamma and interleukin-10 in ewes subjected to artificial insemination by cervical retraction. <b>2016</b> , 85, 1262-6		1
207	Morphological and biochemical characteristics of Afshari and Afshari <sup>^</sup> Booroola Merino cross bred rams (cross-continental cross breeding) semen before and after cryopreservation. <b>2016</b> , 139, 26-29		6
206	Influence of semen collection method on sperm cryoresistance in small ruminants. <i>Animal Reproduction Science</i> , <b>2016</b> , 167, 103-8	2.1	16
205	Comparison of four different permitting and combination of two best cryoprotectants on freezing Nguni sperm evaluated with the aid of computer aided sperm analysis. <b>2016</b> , 72, 232-8		9
204	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
203	Cryopreservation of captive roe deer ( <i>Capreolus capreolus</i> ) semen. <b>2016</b> , 86, 695-703		5
202	Helium-neon laser irradiation of cryopreserved ram sperm enhances cytochrome c oxidase activity and ATP levels improving semen quality. <b>2016</b> , 86, 778-84		13
201	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
200	Milk proteins interact with goat Binder of Sperm (BSP) proteins and decrease their binding to sperm. <b>2016</b> , 366, 427-442		7
199	Factors Influencing Goat Semen Fertility and Storage: A Literature Review. <b>2016</b> , 56, 114-125		3
198	Morphological and morphometric evaluation of silver barb, <i>Barbodes gonionotus</i> (Bleeker, 1849) sperm supplemented with antibiotics. <b>2016</b> , 32, 480-485		0
197	The tolerance of feline corpus and cauda spermatozoa to cryostress. <b>2016</b> , 85, 502-8		8
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	Vaginal mucus from ewes treated with progestogen sponges affects quality of ram spermatozoa. <b>2016</b> , 85, 856-861		11
194	Concentrations of steroid hormones, estrous, ovarian and reproductive responses in sheep estrous synchronized with different prostaglandin-based protocols. <i>Animal Reproduction Science</i> , <b>2016</b> , 167, 74-82 <sup>1</sup>	2.1	16
193	Comparison of commercial Triladyl extender with a tris-fructose-egg-yolk extender on the quality of frozen semen and pregnancy rate after transcervical AI in Bangladeshi indigenous sheep ( <i>Ovis aries</i> ). <b>2016</b> , 134, 39-43		8

192	Evolution and function of mammalian binder of sperm proteins. <b>2016</b> , 363, 105-127		45
191	Effect of the type of egg yolk, removal of seminal plasma and donor age on buck sperm cryopreservation. <b>2017</b> , 149, 91-98		6
190	Evaluation of ram semen enrichment with oleic acid on different spermatozoa parameters during low temperature liquid storage. <b>2017</b> , 150, 30-39		10
189	Cholesterol-loaded cyclodextrin improves ram sperm cryoresistance in skim milk-extender. <i>Animal Reproduction Science</i> , <b>2017</b> , 177, 1-11	2.1	6
188	Effect of seminal plasma and butylated hydroxytoluene (BHT) concentration on ram sperm freezability. <b>2017</b> , 153, 66-70		5
187	Quality of Pinzgau bull spermatozoa following different periods of cryostorage. <b>2017</b> , 25, 215-221		0
186	Ethylene glycol, but not DMSO, could replace glycerol inclusion in soybean lecithin-based extenders in ram sperm cryopreservation. <i>Animal Reproduction Science</i> , <b>2017</b> , 177, 35-41	2.1	18
185	Effect of semen washing on thawed ram spermatozoa subjected to a four hour post-thawing thermal evaluation test. <b>2017</b> , 155, 81-86		1
184	Functional amplification and preservation of human gut microbiota. <b>2017</b> , 28, 1308070		8
183	Effects of supplementation of the Tris-egg yolk extender with n-3 polyunsaturated fatty acids (PUFAs) on frozen-thawed ram semen characteristics. <b>2017</b> , 155, 1-5		3
182	Bovine serum albumin and skim-milk improve boar sperm motility by enhancing energy metabolism and protein modifications during liquid storage at 17°C. <b>2017</b> , 102, 87-97		17
181	Cryopreservation of bison epididymal sperm: A strategy for improving post-thaw quality when collecting sperm in field conditions. <b>2017</b> , 89, 155-161		7
180	Semen supplementation with palmitoleic acid promotes kinematics, microscopic and antioxidative parameters of ram spermatozoa during liquid storage. <b>2017</b> , 52, 49-59		9
179	Inseminação em ovelhas por videolaparoscopia por meio de acesso único: relato de caso. <b>2017</b> , 69, 1163-1166		6
178	Reproduction in domestic ruminants during the past 50 yr: discovery to application. <b>2018</b> , 96, 2952-2970		13
177	Effect of l-arginine addition on long-term storability of ram semen. <b>2017</b> , 50, e12945		8
176	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
175	Possible mechanisms of cholesterol-loaded cyclodextrin action on sperm during cryopreservation. <i>Animal Reproduction Science</i> , <b>2018</b> , 192, 1-5	2.1	14

174	Kinetin improves motility, viability and antioxidative parameters of ram semen during storage at refrigerator temperature. <b>2018</b> , 19, 97-111		8
173	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
172	Sperm membrane integrity and stability after selection of cryopreserved ovine semen on colloidal solutions. <b>2018</b> , 50, e12867		1
171	Effects of Different Plant Extracts on Post-Thaw some Spermatological Parameters of Cryopreserved Awassi Rams Spermatozoa. <b>2018</b> , 75, 49		
170	Ovine epididymal spermatozoa preservation in liquid state with or without seminal plasma epididim <sup>o</sup> ovinos. <b>2018</b> , 48,		
169	Effect of semen and donor factors on multiple ovulation and embryo transfer (MOET) in sheep. <b>2019</b> , 54, 401-407		3
168	Use of aqueous extract of noni in extender for sheep semen freezing. <b>2018</b> , 70, 1547-1556		
167	Effect of sunflower lecithin on Kalahari Red goat semen during cryopreservation. <b>2018</b> , 51, 21-28		1
166	Effect of length of time post-mortem on quality and freezing capacity of Cantabric chamois ( <i>Rupicapra pyrenaica parva</i> ) epididymal spermatozoa. <i>Animal Reproduction Science</i> , <b>2018</b> , 198, 184-192	2.1	4
165	A novel flush technique to simulate natural dispersal of spermatozoa in the female reproductive tract and expedite motility assessment of fresh ejaculated Merino ( <i>Ovis aries</i> ) sperm. <b>2018</b> , 48, 469		4
164	The effect of heterologous seminal plasma from ram, buck or camel on the freezability of ram semen. <b>2018</b> , 63, 500-512		2
163	Evaluation of cooling and freezing systems of bovine semen. <i>Animal Reproduction Science</i> , <b>2018</b> , 195, 102-111	2.1	6
162	Effects of adding egg yolks of different avian species to Tris glycerol extender on the post-thawing quality of buck semen. <i>Animal Reproduction Science</i> , <b>2018</b> , 195, 345-354	2.1	5
161	Cryopreservation of <i>Marchantia polymorpha</i> spermatozoa. <b>2018</b> , 131, 1047-1054		5
160	Is the Classic Spermogram Still Informative? How Did It Develop and Where Is It Going?. <b>2018</b> , 1-19		
159	QUALIDADE ESPERMÁTICA DURANTE A CURVA DE RESFRIAMENTO DO SÊMEN SUO DILUÍDO EM GUA DE COCO EM PENSANDO SUA CRIOPRESERVAÇÃO. <b>2018</b> , 19,		
158	DNA fragmentation in epididymal freeze-dried ram spermatozoa impairs embryo development. <b>2018</b> , 64, 393-400		13
157	The protease inhibitor antipain has a beneficial synergistic effect with trehalose for ram semen cryopreservation. <b>2018</b> , 53, 1359-1366		3

156	Egg yolk enriched with polyunsaturated fatty acids (PUFAs) improves the shelf life of ram semen in liquid storage. <b>2018</b> , 166, 87-92		4
155	Cryopreservation induces mitochondrial permeability transition in a bovine sperm model. <b>2018</b> , 83, 65-74		22
154	Mimicking the cauda epididymal plasma-like osmolality in extender improves liquid preservation of ram semen at 3-5°C. <b>2019</b> , 65, 474-482		
153	Two-step accelerating freezing protocol yields a better motility, membranes and DNA integrities of thawed ram sperm than three-steps freezing protocols. <b>2019</b> , 91, 84-89		8
152	Extenders modify the seminal plasma ability to minimize freeze-thaw damage on ram sperm. <b>2019</b> , 54, 1621-1629		6
151	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
150	Effect of addition of melatonin on liquid storage of ram semen at 4°C. <b>2019</b> , 51, e13236		9
149	Artificial Insemination. <b>2019</b> , 746-777		0
148	The use of some assisted reproductive technologies in old world camelids. <i>Animal Reproduction Science</i> , <b>2019</b> , 207, 138-145	2.1	8
147	Cryopreservation of Bangladeshi ram semen using different diluents and manual freezing techniques. <b>2019</b> , 89, 35-41		10
146	Addition of pomegranate juice ( <i>Punica granatum</i> ) in tris-based extender improves post-thaw quality, motion dynamics and in vivo fertility of Nili Ravi buffalo ( <i>Bubalus bubalis</i> ) bull spermatozoa. <b>2019</b> , 51, e13322		4
145	Influence of sperm filtration and the addition of glycerol to UHT skimmed milk- and TEST-based extenders on the quality and fertilizing capacity of chilled ram sperm. <b>2019</b> , 133, 29-37		9
144	Does fennel extract ameliorate oxidative stress frozen-thawed ram sperm?. <b>2019</b> , 87, 47-51		11
143	Effect of three commercial extenders on sperm motility and fertility in liquid ram semen stored at 15 °C or 5 °C. <b>2019</b> , 67, 430-444		2
142	Viability Spermatozoa Epididymis of Buffalo ( <i>Bubalus Bubalis</i> ) In Fertilized Media to Additional Serum at Temperature 5°C. <b>2019</b> , 347, 012008		0
141	Efficiency of Commercial Egg Yolk-Free and Egg Yolk-Supplemented Tris-Based Extenders for Dromedary Camel Semen Cryopreservation. <b>2019</b> , 9,		7
140	Effects of different concentration and combinations of cryoprotectants on sperm quality, functional integrity in three Indian horse breeds. <b>2019</b> , 86, 52-57		7
139	Vaginal microbiota in Pelibuey sheep treated with antimicrobials at the removal of intravaginal sponges impregnated with flurogestone acetate. <b>2019</b> , 170, 116-119		1



138	Influence of idebenone on ram semen quality stored at 4°C. <b>2019</b> , 54, 486-497		6
137	Does low-level laser therapy on degenerated ovine testes improve post-thawed sperm characteristics?. <b>2019</b> , 34, 1001-1009		4
136	Comparison Between an Animal-Derived Product Medium and a Chemically Defined Medium for Ram Sperm Cryopreservation. <b>2019</b> , 17, 11-17		2
135	Single layer colloid centrifugation technique improves motility, viability and chromatin integrity of ram spermatozoa after thawing. <b>2019</b> , 86, 77-83		3
134	Spermatozoa Cryopreservation: State of Art and Future in Small Ruminants. <b>2019</b> , 17, 171-182		29
133	Effects of supplementation of tris-egg yolk extender with different sugars and antioxidants on freezability of ram semen. <b>2020</b> , 92, 62-66		6
132	Ginger and echinacea extracts improve the quality and fertility potential of frozen-thawed ram epididymal spermatozoa. <b>2020</b> , 92, 138-145		9
131	Recombinant SPINK3 improves ram sperm quality and in vitro fertility after cryopreservation. <b>2020</b> , 144, 45-55		6
130	Evaluation of synergic effects of iodixanol and trehalose on cryosurvival of electroejaculated ram semen. <b>2020</b> , 52, e13656		1
129	Schematic overview of oligosaccharides, with survey on their major physiological effects and a focus on milk ones. <b>2020</b> , 1, 100013		5
128	A Polyphenol-Rich Extract From Reduces Oxidative Damage in Cryopreserved Ram Semen. <b>2020</b> , 7, 604477		4
127	Pre-freezing equilibration for 22 h improves post-thaw sperm functions in cryopreserved ram semen by reducing cholesterol efflux. <b>2020</b> , 96, 76-84		4
126	Cervical artificial insemination in sheep: sperm volume and concentration using an antiretrograde flow device. <i>Animal Reproduction Science</i> , <b>2020</b> , 221, 106551	2.1	2
125	Iron Oxide Nanoparticles as an Alternative to Antibiotics Additive on Extended Boar Semen. <b>2020</b> , 10,		4
124	Cellular and Functional Physiopathology of Bull Sperm With Altered Sperm Freezability. <b>2020</b> , 7, 581137		4
123	A Comparison of Freezing Methods and Diluents Types on Post-Thaw Sperm Quality of Ram Sperm. <b>2020</b> , 7, 235-241		
122	The Comparison of Semen Collection in Electroejaculation, Rectal Massage and Combination of Both Methods in the Critically Endangered Malayan Pangolin,. <b>2020</b> , 10,		2
121	Quercetin supplemented casein-based extender improves the post-thaw quality of rooster semen. <b>2020</b> , 94, 57-65		9

120	Moringa oleifera leaves extract enhances fresh and cryopreserved semen characters of Barki rams. <b>2020</b> , 153, 133-142		7
119	Positive effect of natural antioxidant oregonin from <i>Alnus incana</i> bark on ram semen quality stored at 5 °C for 48 h. <b>2020</b> , 131, 153-158		5
118	Reproductive technologies in sheep. <b>2020</b> , 31-54		
117	The necessity of antioxidant inclusion in caprine and ovine semen extenders: A systematic review complemented with computational insight. <b>2020</b> , 55, 1027-1043		4
116	The Effect of Zinc-Biocomplex and Vitamin E Supplementation on Local Kacang Goats Semen. <b>2020</b> , 15, 169-175		
115	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
114	The effect of siam orange juice ( <i>Citrus nobilis</i> Lour.) in extender on Garut Ram ( <i>Ovis aries</i> L.) spermatozoa quality post-cryopreservation. <b>2020</b> , 1442, 012068		1
113	Viability longevity and quality of epididymal sperm stored in the liquid state of European red deer ( <i>Cervus elaphus elaphus</i> ). <i>Animal Reproduction Science</i> , <b>2020</b> , 213, 106269	2.1	2
112	Melatonin Inhibits Formation of Mitochondrial Permeability Transition Pores and Improves Oxidative Phosphorylation of Frozen-Thawed Ram Sperm. <b>2019</b> , 10, 896		20
111	Soy lecithin as a potential alternative to powdered egg yolk for buck sperm cryopreservation does not protect them from mitochondrial damage. <i>Animal Reproduction Science</i> , <b>2020</b> , 217, 106473	2.1	0
110	Supplementing a skimmed milk-egg yolk-based extender with L-carnitine helps maintain the motility, membrane integrity and fertilizing capacity of chilled ram sperm. <b>2020</b> , 55, 805-813		4
109	Effect of Bovine Serum Albumin Supplementation in Tris-Soybean Lecithin-Based Extender on Quality of Chilled Ram Epididymal Spermatozoa. <b>2021</b> , 19, 33-40		
108	The effect of dilution rate and successive semen collections on sperm quality and sexual motivation of sexually mature South African Merino rams. <b>2021</b> , 53, 182		1
107	Optimizing the conventional method of sperm freezing in liquid nitrogen vapour for Wallachian sheep conservation program. <b>2021</b> , 66, 55-64		2
106	Ram semen preserved at 0°C with soybean lecithin Tris-based extender substituted for egg yolk. <b>2021</b> , 34, 192-197		1
105	Impact of Cryopreservation on Spermatozoa Freeze-Thawed Traits and Relevance OMICS to Assess Sperm Cryo-Tolerance in Farm Animals. <b>2021</b> , 8, 609180		9
104	Effect of Tris-extender supplemented with a combination of turmeric and ethylene glycol on buffalo bull semen freezability and in vivo fertility. <b>2021</b> , 53, 238		0
103	Strategies for Highly Efficient Rabbit Sperm Cryopreservation. <b>2021</b> , 11,		0

102	Sperm Response to Stress Conditions in Wild and Domestic Species Measured by Functional Variables and ROS Production. <b>2021</b> , 8, 650946		0
101	Cryopreservation of Semen. <b>2021</b> , 986-999		
100	Effect of water clover ( <i>Marsile crenata</i> ) extract within tris-fructose citric glycerol extender on frozen semen quality of boer goat. <b>2021</b> , 743, 012012		
99	Supplementation of rams with dried <i>Acacia Saligna</i> (Labil) H.L. Wendi. leaves improve reproductive performance without compromising carcass quality. <b>2021</b> , 060-068		1
98	Assessment of tebuconazole exposure on bovine testicular cells and epididymal spermatozoa. <b>2021</b> , 69, 180-188		
97	Extra Virgin Coconut Oil as a Cryoprotector for Cryopreservation of Caprine Semen. <b>2021</b> ,		0
96	The Effects of Antifreeze Protein III Supplementation on the Cryosurvival of Goat Spermatozoa During Cryopreservation. <b>2021</b> , 19, 298-305		0
95	Effects of Three Semen Extenders, Breeding Season Month and Freezing-Thawing Cycle on Spermatozoa Preservation of Portuguese Merino Sheep. <b>2021</b> , 11,		1
94	Effects of alpha-lipoic acid on ram semen cryopreservation and post-thaw life span. <b>2021</b> , e14249		0
93	Cooled storage of semen from livestock animals (Part II): Camelids, goats, and sheep. <i>Animal Reproduction Science</i> , <b>2021</b> , 234, 106855	2.1	0
92	Investigation of Ram Sperm Acrosome Integrity in relation with Seminal Plasma Homocysteine and Nesfatin-1 Levels.		
91	Liquid Storage of Ram Semen: Associated Damages and Improvement. <b>2021</b> , 11, 473-500		2
90	Flow cytometric and microscopic evaluation of post-thawed ram semen cryopreserved in chemically defined home-made or commercial extenders. <b>2015</b> , 55, 551		19
89	Effect of management system and season on semen freezability in Jakhrana bucks. <b>2016</b> , 9, 199-202		2
88	Effects of four extenders on the quality of frozen semen in Arabian stallions. <b>2019</b> , 12, 34-40		7
87	The biological mechanisms regulating sperm selection by the ovine cervix. <b>2019</b> , 158, R1-R13		9
86	Cryoprotectants & Cryopreservation of Equine Semen: A Review of Industry Cryoprotectants and the Effects of Cryopreservation on Equine Semen Membranes. <b>2016</b> , 3,		9
85	Cryopreservation of Reproductive Cells and Embryos of Laboratory, Agricultural and Wild Animals. <b>2019</b> , 29, 003-018		2

- 84 Morfologia da c<sup>^</sup>lvica de ovelhas Santa In<sup>^</sup> B<sup>^</sup> adultas nas fases lute<sup>^</sup> B<sup>^</sup>ica e folicular. **2014**, 15, 495-501 1
- 83 The effects of gelatin supplementation prior to cooling on ram semen quality and fertility. **2018**, 15, 23-28 1
- 82 Technical recommendations for artificial insemination in sheep. **2019**, 16, 803-809 10
- 81 Improving the Rabbit Semen Cryopreservation Protocol: Comparison Between Two Extenders and Inseminating Doses. **2020**, 20, 887-898 1
- 80 Investigations on different Semen Extenders for Cockatiel Semen. **2018**, 1, 01-12 4
- 79 Evaluaci<sup>^</sup> B<sup>^</sup> de caracter<sup>^</sup> B<sup>^</sup>ticas microsc<sup>^</sup> B<sup>^</sup>icas de semen de llama (Lama glama) crioconservados en dos dilutores. **2016**, 3, 8-21 2
- 78 Changes in Motility Characteristics of Goat Spermatozoa During Glycerol-Equilibration and the Relevance to Cryopreservation. **2007**, 3, 22-33 8
- 77 The effect of different concentrations of glycerol and DMSO on viability of Markhoz goat spermatozoa during different freezing temperatures steps. **2009**, 12, 239-45 10
- 76 Changes of reproductive indices of the testis due to infection in dromedary bulls ( ): Semen picture, hormonal profile, histopathology, oxidative parameters, and hematobiochemical profile. **2020**, 7, 537-545 4
- 75 Combined n-3 Fatty Acids and B<sup>^</sup>tocopherol Supplementation Improved the Ovine Sperm Cryosurvival. **2013**, 11, 238-243 10
- 74 Semen quality, testosterone values, and testicular and accessory gland parameters in rams receiving sustained stimulation with low doses of busserelin. **2021**, 0
- 73 Ko<sup>^</sup> B<sup>^</sup>spermasn<sup>^</sup> Dondurulmasn<sup>^</sup>da Bireysel Farkl<sup>^</sup>klarn<sup>^</sup> Etkisi. **2017**, 6, 79-83
- 72 EVC<sup>^</sup>L HAYVAN SPERMALARININ DONDURULMASINDA FARKLI KANATLI T<sup>^</sup> B<sup>^</sup> YUMURTA SARILARININ KORUYUCU ETK<sup>^</sup>LER<sup>^</sup>. **2017**, 2, 51-59
- 71 Estrus Synchronization and Artificial Insemination with Fresh and Chilled Semen in Assaf Ewes. **2018**, 09, 8-22 1
- 70 Merinos Ko<sup>^</sup> larda Spermaya Kat<sup>^</sup>an Antioksidanlar<sup>^</sup> K<sup>^</sup>sa S<sup>^</sup> B<sup>^</sup>eli Saklama S<sup>^</sup>fasn<sup>^</sup>da Spermatolojik Parametreler ve DNA Hasar<sup>^</sup> B<sup>^</sup>erine Etkileri. **2018**, 11, 7-8 3
- 69 DIMETILACETAMIDA ASSOCIADA OU N<sup>^</sup> B<sup>^</sup> AO GLICEROL PARA CRIOPRESERVA<sup>^</sup> B<sup>^</sup> DE S<sup>^</sup> MEN OVINO. **2018**, 19,
- 68 Marsupials: Progress and Prospects. **2019**, 1200, 309-325 1
- 67 Effect of 7-Dehydrocholesterol on Ram Semen Spermatological Parameters on Short Term Preservation. 1-1

- 66 Homologous Seminal Plasma and Glutathione Promote Pre-Capacitation Motility and Structural Stability of Cryopreserved Ram Spermatozoa. **2019**, 42, 169-179 0
- 65 Improving Rooster Sperm Quality by Adding Different Levels of Naringenin after Freezing-Thawing Process. **2019**, 10, 61-68
- 64 Utiliza<sup>ç</sup>õ da lipoprote<sup>í</sup>na de baixa densidade, em diferentes concentra<sup>ç</sup>ões, em meio diluidor para criopreserva<sup>ç</sup>õ do s<sup>ê</sup>mên ovino. **2019**, 71, 1889-1895
- 63 Effect of Alpha Lipoic Acid and Trehalose on Ram Semen Cryopreservation.
- 62 Dimethylacetamide alone or in combination with glycerol can be used for cryopreservation of ovine semen. **2021**, 17, e20200036 0
- 61 Animal science Down Under: a history of research, development and extension in support of Australia's livestock industries. **2020**, 60, 193 1
- 60 Influence of Proanthocyanidin on Motility and Osmotic Resistance Parameters of Merino Ram Sperm During Short Term Storage.
- 59 Effect of chilling on the motility and acrosomal integrity of rat sperm in the presence of various extenders. **2009**, 48, 499-505 10
- 58 Short-term storage of rat sperm in the presence of various extenders. **2013**, 52, 732-7 3
- 57 Collection, analysis and cryopreservation of semen from Malayan gaur (*Bos gaurus hubbacki*): A preliminary study. **2012**, 2, 109-14 1
- 56 Effect of management system and season on semen freezability in Jakhrana bucks. **2016**, 9, 199-202 1
- 55 A comparative study on the effects of different cryoprotectants on the quality of canine sperm during vitrification process. **2016**, 7, 235-239 5
- 54 Alpha-zearalenol negatively influences ram sperm parameters during liquid storage. **2018**, 9, 171-178
- 53 Comparison of different diluents based on liposomes and egg yolk for ram semen cooling and cryopreservation. **2019**, 20, 126-130 4
- 52 Melatonin and canthaxanthin enhances sperm viability and protect ram spermatozoa from oxidative stress during liquid storage at 4°C. **2021**, 54, e14304 0
- 51 Flaxseed Oil as a Source of Omega n-3 Fatty Acids to Improve Semen Quality from Livestock Animals: A Review.. **2021**, 11, 3
- 50 Cryopreservation of ram semen: Manual versus programmable freezing and different lengths of equilibration.. **2021**, 92, e13670 3
- 49 Effect of quercetin or butylated hydroxytoluene on cooled or frozen-thawed ram sperm quality. **2022**, 43, 841-854 0

48	Factors Affecting the Survival of Ram Spermatozoa during Liquid Storage and Options for Improvement.. <b>2022</b> , 12,		2
47	Effect of the donor's age and type of extender (egg yolk versus clarified egg yolk) over the sperm quality of Majorera bucks preserved at 4 °C: in vitro results and fertility trials.. <b>2022</b> ,		
46	Pre-treatment of ram semen extender with magnetic nanoparticles on freeze-thawed spermatozoa.. <b>2021</b> ,		5
45	Effect of Cystamine on Sperm and Antioxidant Parameters of Ram Semen Stored at 4 °C for 50 Hours.. <b>2021</b> , 76, 115-1123		0
44	Nanowater enhances cryoprotective properties of glycerol-containing extenders used for ram semen freezing: A preliminary study spanning laboratory testing. <b>2022</b> ,		1
43	The Re-Addition of Seminal Plasma after Thawing Does Not Improve Buck Sperm Quality Parameters.. <b>2021</b> , 11,		
42	Resetting the paradigm of reproductive science and conservation.. <i>Animal Reproduction Science</i> , <b>2021</b> , 106911	2.1	1
41	Ram epididymal sperm frozen in an extender containing ethylene glycol have higher post-thaw longevity and in vitro fertility.. <b>2021</b> ,		
40	PUFA-rich phospholipid classes and subclasses of ram spermatozoa are unevenly affected by cryopreservation with a soybean lecithin-based extender.. <b>2022</b> , 186, 122-134		0
39	Data_Sheet_1.docx. <b>2020</b> ,		
38	Biochemical and molecular characterisation of sialylated cervical mucins in sheep.. <b>2022</b> ,		
37	The Use of Oxytocin to Cause Cervical Dilation for Transcervical Insemination in Nulliparous Goats: Improving pregnancy and kidding rates.. <b>2022</b> ,		0
36	Cryopreservation Techniques for Ram Sperm.. <b>2022</b> , 2022, 7378379		1
35	Novelties in Ovine Assisted Reproductive Technologies [A Review]. <b>2022</b> ,		
34	Ewe breed differences in the cervical transcriptome at the follicular phase of a synchronised oestrous cycle.. <b>2022</b> , 23, 363		0
33	Multiple ovulation and embryo transfer in sheep: Effects of embryo developmental stage and quality on viability in vivo under farm conditions.. <b>2022</b> ,		0
32	Recent Developments in Bovine Semen Cryopreservation. <b>2022</b> , 223-242		0
31	An Update on South African Indigenous Sheep Breeds' Extinction Status and Difficulties during Conservation Attempts: A Review. <b>2022</b> , 14, 516		2

- 30 Effect of Adding Different Vitamin D3 Concentrations on Chilled Storage of Awassi Ram Semen. **2022**, 1060, 012084
- 29 Thymoquinone improves motility, plasma membrane integrity and DNA integrity of frozen-thawed ram semen. 0
- 28 Validation of double freezing protocol for Beetal buck ( *Capra hircus* ) spermatozoa. 0
- 27 Could metal exposure affect sperm parameters of domestic ruminants? A meta-analysis. **2022**, 244, 107050 1
- 26 Relationship Between Toxicity of Cryoprotectants, Osmotic and Oxidative Stresses In Awassi Ram Sperm. **2022**, 43, 120-128 0
- 25 Evaluation of Chicken Egg Yolk Plasma and Low-Density Lipoprotein Alone or Enriched with Ewe or Cow Skim Milk in Tris-Citric Acid-Based Diluent for Cryostorage of Ram Semen. 0
- 24 Spirulina (*Arthrospira platensis*) extract promotes motility, microscopic, and antioxidative parameters of ram semen during refrigerated storage. 0
- 23 Addition of autologous platelet rich plasma to semen extender enhances cryotolerance and fertilizing capacity of buffalo bull spermatozoa. **2022**, 1
- 22 Molecular insights to the sperm-cervix interaction and the consequences for cryopreserved sperm. 0
- 21 Efecto de etilenglicol y leche en polvo en la criopreservaci3n de semen de bocachico *Prochilodus magdalenae*. **2022**, 23, 25-35 0
- 20 The impact of varying doses of moringa leaf methanolic extract supplementation in the cryopreservation media on sperm quality, oxidants, and antioxidant capacity of frozen-thawed ram sperm. **2022**, 54, 0
- 19 Effects of Cell Concentration During Cryopreservation On the Post-thaw Quality of Santa In3 Ram Sperm. **2022**, 43, 357-367 0
- 18 Effect of extender type and cold storage of fresh semen on reproductive indices of Karakul ewe following fixed time artificial insemination. **2018**, 88, 1254-1257 0
- 17 Sperman3 Uzun S4 İli Saklanmas4da Kullan4an G4 İcel Y4 İtemler. 0
- 16 Post-Thaw Quality of Spermatozoa Frozen with Three Different Extenders in the Murciano Granadina Goat Breed. **2023**, 13, 309 0
- 15 Coconut water-based extender for seminal preservation in small ruminants: a meta-analysis study.. **2023**, 106915 0
- 14 Reproductive Biotechnologies Applied to the Female Sheep and Goat. **2023**, 1-57 0
- 13 Effects of Dietary Flaxseed Oil and Ascorbic Acid on the Reproductive Performance of South African Indigenous Sheep. **2023**, 3, 9-24 1

- 12 The Effect of Coconut Milk in Extender on the Durability of Ram Sperm in Cool Conditions. **2021**, 12, 103-112 ○
- 11 Alpha-linolenic and ascorbic acid reverses the seasonal variations of ram semen quality and testosterone concentration. **2023**, 14, 375 ○
- 10 The Role of Promyelocytic Leukemia Zinc Finger (PLZF) and Glial-Derived Neurotrophic Factor Family Receptor Alpha 1 (GFR $\alpha$ 1) in the Cryopreservation of Spermatogonia Stem Cells. **2023**, 24, 1945 ○
- 9 Ram Semen Cryopreservation for Portuguese Native Breeds: Season and Breed Effects on Semen Quality Variation. **2023**, 13, 579 ○
- 8 Chicken Sperm Cryopreservation: Review of Techniques, Freezing Damage, and Freezability Mechanisms. **2023**, 13, 445 ○
- 7 Minimizing sperm oxidative stress using nanotechnology for breeding programs in rams.. ○
- 6 Influence of trans- ferulic acid on the quality of ram semen upon cold preservation. ○
- 5 Comparative Assessment the Effect of Eggplant Peel (Solanum melongena) Extract on the Chilled-Stored in Farahani Ram Sperm. **2022**, 13, 118-123 ○
- 4 Variation of existence and location of aquaporin 3 in relation to cryoresistance of ram spermatozoa. 10, ○
- 3 Glycerol-Free Equilibration with the Addition of Glycerol Shortly before the Freezing Procedure: A Perspective Strategy for Cryopreservation of Wallachian Ram Sperm. **2023**, 13, 1200 ○
- 2 Seasonal Variations in Semen Quality, Testosterone Levels, and Scrotal Size following Dietary Flaxseed Oil and Ascorbic Acid in South African Indigenous Rams. **2023**, 13, 1213 ○
- 1 Association between different soy lecithin-based extenders and freezing rates in ram semen cryopreservation. **2023**, 107234 ○