

# CITATION REPORT

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Which reproductive technologies are most relevant to studying, managing and conserving wildlife?

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#	Paper	IF	Citations
171	Reproductive physiology and artificial insemination studies in wild and captive gerenuk ( <i>Litocranius walleri walleri</i> ). <i>Reproduction, Fertility and Development</i> , <b>2005</b> , 17, 707-14	1.8	24
170	Applications of emerging technologies to the study and conservation of threatened and endangered species. <i>Reproduction, Fertility and Development</i> , <b>2006</b> , 18, 77-90	1.8	110
169	Ovarian follicular and luteal dynamics in wapiti during the estrous cycle. <i>Theriogenology</i> , <b>2006</b> , 65, 540-56.8	2.8	27
168	In vitro fertilization in the pigtailed macaque ( <i>Macaca nemestrina</i> ). <i>Theriogenology</i> , <b>2006</b> , 66, 749-54	2.8	6
167	Challenges in cryopreservation of clouded leopard ( <i>Neofelis nebulosa</i> ) spermatozoa. <i>Theriogenology</i> , <b>2006</b> , 66, 1790-6	2.8	30
166	Ovarian control for assisted reproduction in the domestic cat and wild felids. <i>Theriogenology</i> , <b>2006</b> , 66, 37-48	2.8	71
165	Conservation physiology. <b>2006</b> , 21, 38-46		585
164	Role and efficiency of artificial insemination and genome resource banking. 469-494		6
163	Embryo cryopreservation and transfer in Mustelidae: Approaches to ex situ conservation of the endangered European mink. <b>2006</b> , 29, 396-402		7
162	Ovarian features of the wild collared peccary ( <i>Tayassu tajacu</i> ) from the northeastern Peruvian Amazon. <i>General and Comparative Endocrinology</i> , <b>2006</b> , 147, 268-75	3	20
161	Natural and gonadotropin-induced ovarian activity in tigers ( <i>Panthera tigris</i> ) assessed by fecal steroid analyses. <i>General and Comparative Endocrinology</i> , <b>2006</b> , 147, 362-70	3	43
160	Inbreeding and reproduction in endangered ungulates: preservation of genetic variation through the Organization of Genetic Resource Banks. <i>Reproduction in Domestic Animals</i> , <b>2006</b> , 41 Suppl 2, 82-92	1.6	37
159	Embryo development and embryo transfer in the European mink ( <i>Mustela lutreola</i> ), an endangered mustelid species. <i>Reproduction, Fertility and Development</i> , <b>2006</b> , 18, 459-67	1.8	9
158	Reproduction and larval rearing of amphibians. <i>ILAR Journal</i> , <b>2007</b> , 48, 214-34	1.7	27
157	A perspective on the role of emerging technologies for the propagation of companion animals, non-domestic and endangered species. <i>Reproduction, Fertility and Development</i> , <b>2007</b> , 19, iii-vii	1.8	3
156	A review on reproductive biotechnologies for conservation of endangered mammalian species. <i>Animal Reproduction Science</i> , <b>2007</b> , 99, 223-43	2.1	149
155	Oocyte biology and challenges in developing in vitro maturation systems in the domestic dog. <i>Animal Reproduction Science</i> , <b>2007</b> , 98, 2-22	2.1	67

154	Uterine and vaginal insemination optimised in brushtail possums ( <i>Trichosurus vulpecula</i> ) superovulated with pregnant mare serum gonadotrophin and porcine luteinising hormone. <i>Reproduction, Fertility and Development</i> , <b>2007</b> , 19, 521-9	1.8	3
153	The many uses of non-invasive faecal steroid monitoring in zoo and wildlife species. <b>2007</b> , 41, 52-74		144
152	Requirement for, and patterns of, pyruvate and glutamine metabolism in the domestic dog oocyte in vitro. <b>2007</b> , 74, 870-7		18
151	Vitrification devices affect structural and molecular status of in vitro matured ovine oocytes. <b>2007</b> , 74, 1337-44		63
150	Conservation of the European mink ( <i>Mustela lutreola</i> ): focus on reproduction and reproductive technologies. <i>Reproduction in Domestic Animals</i> , <b>2008</b> , 43, 502-13	1.6	17
149	In vitro oocyte maturation, fertilization and culture after ovum pick-up in an endangered gazelle ( <i>Gazella dama mhorr</i> ). <i>Theriogenology</i> , <b>2008</b> , 69, 349-59	2.8	11
148	Sperm parameters on Iberian red deer: electroejaculation and post-mortem collection. <i>Theriogenology</i> , <b>2008</b> , 70, 216-26	2.8	37
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145	Priming with progestin, but not GnRH antagonist, induces a consistent endocrine response to exogenous gonadotropins in induced and spontaneously ovulating cats. <b>2008</b> , 34, 160-75		22
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138	Artificial insemination in deer and non-domestic bovinds. <i>Theriogenology</i> , <b>2009</b> , 71, 149-65	2.8	33
137	Artificial insemination in South American camelids and wild equids. <i>Theriogenology</i> , <b>2009</b> , 71, 166-75	2.8	30

136	Artificial insemination in marsupials. <i>Theriogenology</i> , <b>2009</b> , 71, 176-89	2.8	30
135	Artificial insemination in canids: a useful tool in breeding and conservation. <i>Theriogenology</i> , <b>2009</b> , 71, 190-9	2.8	57
134	Approaches and efficacy of artificial insemination in felids and mustelids. <i>Theriogenology</i> , <b>2009</b> , 71, 130-48		81
133	First successful artificial insemination with frozen-thawed semen in rhinoceros. <i>Theriogenology</i> , <b>2009</b> , 71, 393-9	2.8	59
132	Urinary hormone analysis assists reproductive monitoring and sex identification of bell frogs ( <i>Litoria raniformis</i> ). <i>Theriogenology</i> , <b>2009</b> , 72, 663-71	2.8	18
131	Developing biological resource banks as a supporting tool for wildlife reproduction and conservation The Iberian lynx bank as a model for other endangered species. <i>Animal Reproduction Science</i> , <b>2009</b> , 112, 347-61	2.1	52
130	Dissociation and preservation of preantral follicles and immature oocytes from female dasyurid marsupials. <i>Reproduction, Fertility and Development</i> , <b>2009</b> , 21, 640-8	1.8	10
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128	Ejaculate characteristics, short-term semen storage and successful artificial insemination following synchronisation of oestrus in the Indian blackbuck antelope ( <i>Antilope cervicapra</i> ). <i>Reproduction, Fertility and Development</i> , <b>2009</b> , 21, 749-56	1.8	8
127	Applied reproductive technologies and genetic resource banking for amphibian conservation. <i>Reproduction, Fertility and Development</i> , <b>2009</b> , 21, 719-37	1.8	65
126	Lessons from biodiversity--the value of nontraditional species to advance reproductive science, conservation, and human health. <b>2010</b> , 77, 397-409		81
125	Annual cycles of urinary reproductive steroid concentrations in wild and captive endangered Fijian ground frogs ( <i>Platymantis vitiana</i> ). <i>General and Comparative Endocrinology</i> , <b>2010</b> , 166, 172-9	3	44
124	Assessment of orchidometry and scrotal circumference in coatis ( <i>Nasua nasua</i> ). <i>Reproduction in Domestic Animals</i> , <b>2010</b> , 45, e382-6	1.6	5
123	Reproductive traits in captive and free-ranging males of the critically endangered Iberian lynx ( <i>Lynx pardinus</i> ). <b>2010</b> , 139, 275-85		24
122	Acid ceramidase improves the quality of oocytes and embryos and the outcome of in vitro fertilization. <b>2010</b> , 24, 1229-38		24
121	Influence of the thawing rate on the cryopreservation of semen from collared peccaries ( <i>Tayassu tajacu</i> ) using Tris-based extenders. <i>Theriogenology</i> , <b>2010</b> , 74, 1060-5	2.8	23
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119	Urinary corticosterone metabolite responses to capture, and annual patterns of urinary corticosterone in wild and captive endangered Fijian ground frogs ( <i>Platymantis vitiana</i> ). <b>2010</b> , 58, 189		63

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117	Urinary corticosterone responses and haematological stress indicators in the endangered Fijian ground frog ( <i>Platymantis vitiana</i> ) during transportation and captivity. <b>2011</b> , 59, 79		38
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113	Changes in urinary testosterone and corticosterone metabolites during short-term confinement with repeated handling in wild male cane toads ( <i>Rhinella marina</i> ). <b>2011</b> , 59, 264		18
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111	In vitro maturation and fertilization in the Nilgai ( <i>Boselaphus tragocamelus</i> ) using oocytes and spermatozoa recovered post-mortem from animals that had died because of foot and mouth disease outbreak. <i>Reproduction in Domestic Animals</i> , <b>2011</b> , 46, 832-9	1.6	6
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106	Relationship between fecal hormone concentrations and reproductive success in captive pygmy rabbits ( <i>Brachylagus idahoensis</i> ). <b>2012</b> , 93, 759-770		15
105	Reproduction in chinchilla ( <i>Chinchilla lanigera</i> ): current status of environmental control of gonadal activity and advances in reproductive techniques. <i>Theriogenology</i> , <b>2012</b> , 78, 1-11	2.8	13
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102	Reduced glutathione and Trolox (vitamin E) as extender supplements in cryopreservation of red deer epididymal spermatozoa. <i>Animal Reproduction Science</i> , <b>2012</b> , 135, 37-46	2.1	35
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99	Urinary corticosterone metabolites and chytridiomycosis disease prevalence in a free-living population of male Stony Creek frogs ( <i>Litoria wilcoxii</i> ). <b>2012</b> , 162, 171-6		49
98	Urinary hormone metabolites identify sex and imply unexpected winter breeding in an endangered, subterranean-nesting frog. <i>General and Comparative Endocrinology</i> , <b>2012</b> , 175, 464-72	3	15
97	Functional morphology of the female genital organs in the wild ring-tailed coati ( <i>Nasua nasua</i> ) in the northeastern Peruvian Amazon. <b>2013</b> , 91, 496-504		1
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95	What is conservation physiology? Perspectives on an increasingly integrated and essential science(I). <b>2013</b> , 1, cot001		283
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93	Functional morphology of the female genital organs in the peruvian red uakari monkey ( <i>Cacajao calvus ucayalii</i> ). <i>American Journal of Primatology</i> , <b>2013</b> , 75, 545-54	2.5	51
92	Non-invasive monitoring of glucocorticoid physiology within highland and lowland populations of native Australian Great Barred Frog ( <i>Mixophyes fasciolatus</i> ). <i>General and Comparative Endocrinology</i> , <b>2013</b> , 191, 24-30	3	22
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89	Fundamental studies of the reproductive biology of the endangered persian onager ( <i>Equus hemionus onager</i> ) result in first wild equid offspring from artificial insemination. <i>Biology of Reproduction</i> , <b>2013</b> , 89, 41	3.9	18
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86	Cloning of Canines. <b>2014</b> , 273-285		1
85	The role of genomics in conservation and reproductive sciences. <i>Advances in Experimental Medicine and Biology</i> , <b>2014</b> , 753, 71-96	3.6	8
84	Developmental competence of ovine oocyte following vitrification: effect of oocyte developmental stage, cumulus cells, cytoskeleton stabiliser, FBS concentration, and equilibration time. <i>Zygote</i> , <b>2014</b> , 22, 165-73	1.6	8
83	DNA methylation pattern in mouse oocytes and their in vitro fertilized early embryos: effect of oocyte vitrification. <i>Zygote</i> , <b>2014</b> , 22, 138-45	1.6	27

82	Improved sperm cryosurvival in diluents containing amides versus glycerol in the Przewalski horse (Equus ferus przewalskii). <i>Cryobiology</i> , <b>2014</b> , 68, 205-14	2.7	21
81	The use of noninvasive and minimally invasive methods in endocrinology for threatened mammalian species conservation. <i>General and Comparative Endocrinology</i> , <b>2014</b> , 203, 296-306	3	78
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79	The interfering effects of superovulation and vitrification upon some important epigenetic biomarkers in mouse blastocyst. <i>Cryobiology</i> , <b>2014</b> , 69, 419-27	2.7	18
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77	Spermatozoa from the maned wolf (Chrysocyon brachyurus) display typical canid hyper-sensitivity to osmotic and freezing-induced injury, but respond favorably to dimethyl sulfoxide. <i>Cryobiology</i> , <b>2014</b> , 68, 361-70	2.7	13
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74	The effect of fluphenazine decanoate on glucocorticoid production, reproductive cyclicity, and the behavioral stress response in the Persian onager (Equus hemionus onager). <i>Zoo Biology</i> , <b>2015</b> , 34, 525-34	1.6	2
73	Epidermal growth factor improves developmental competence and embryonic quality of singly cultured domestic cat embryos. <b>2015</b> , 61, 269-76		17
72	Use of Androcoll-S after thawing improves the quality of electroejaculated and epididymal sperm samples from red deer. <i>Animal Reproduction Science</i> , <b>2015</b> , 158, 68-74	2.1	18
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70	Reproductive System of Brown-throated Sloth (Bradypus variegatus, Schinz 1825, Pilosa, Xenarthra): Anatomy and Histology. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , <b>2016</b> , 45, 249-59	1.1	2
69	Cryopreservation and other assisted reproductive technologies for the conservation of threatened amphibians and reptiles: bringing the ARTs up to speed. <i>Reproduction, Fertility and Development</i> , <b>2016</b> ,	1.8	38
68	Saving wild ungulate diversity through enhanced management and sperm cryopreservation. <i>Reproduction, Fertility and Development</i> , <b>2016</b> ,	1.8	7
67	Pretreatment of Addra gazelle (Nanger dama ruficollis) spermatozoa with cholesterol-loaded cyclodextrins improves cryosurvival. <i>Cryobiology</i> , <b>2016</b> , 73, 388-395	2.7	3
66	Get the most out of blow hormones: validation of sampling materials, field storage and extraction techniques for whale respiratory vapour samples. <b>2016</b> , 4, cow024		12
65	Recovery of gene diversity using long-term cryopreserved spermatozoa and artificial insemination in the endangered black-footed ferret. <i>Animal Conservation</i> , <b>2016</b> , 19, 102-111	3.2	66



64	Monitoring the reproductive physiology of six-banded armadillos ( <i>Euphractus sexcinctus</i> , Linnaeus, 1758) through different techniques. <i>Reproduction in Domestic Animals</i> , <b>2016</b> , 51, 736-42	1.6	0
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59	Population estimate and morphometry of ovarian preantral follicles from three recently recognized squirrel monkey species: a comparative study. <i>Zygote</i> , <b>2017</b> , 25, 279-287	1.6	2
58	Multi-year longitudinal profiles of cortisol and corticosterone recovered from baleen of North Atlantic right whales ( <i>Eubalaena glacialis</i> ). <i>General and Comparative Endocrinology</i> , <b>2017</b> , 254, 50-59	3	21
57	Validation of techniques to measure reproductive hormones in the urine of female southern hairy-nosed wombats ( <i>Lasiorhinus latifrons</i> ). <i>General and Comparative Endocrinology</i> , <b>2017</b> , 252, 130-141 <sup>3</sup>		5
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54	Pretreatment with cholesterol-loaded cyclodextrins prevents loss of motility associated proteins during cryopreservation of addra gazelle ( <i>Nanger dama ruficollis</i> ) spermatozoa. <i>Cryobiology</i> , <b>2018</b> , 81, 74-80	2.7	7
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52	Vitrification of cat ovarian tissue: Does fragment size matters?. <i>Reproduction in Domestic Animals</i> , <b>2018</b> , 53 Suppl 3, 125-132	1.6	4
51	Captive Wildlife Breeding: Mammals & Birds. <b>2018</b> , 782-790		
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48	Urinary specific gravity as an alternative for the normalisation of endocrine metabolite concentrations in giant panda ( <i>Ailuropoda melanoleuca</i> ) reproductive monitoring. <i>PLoS ONE</i> , <b>2018</b> , 13, e0201420	3.7	4
47	From petri dishes to politics - a multi-pronged approach is essential for saving endangered species. <i>Nature Communications</i> , <b>2018</b> , 9, 2588	17.4	4



46	Artificial Insemination in Domestic and Wild Animal Species. <b>2018</b> , 37-64		2
45	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> ). <i>Theriogenology</i> , <b>2018</b> , 121, 72-77	2.8	3
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42	Assessment and preservation of liquid and frozen-thawed Black crested mangabey ( <i>Lophocebus aterrimus</i> ) spermatozoa obtained by transrectal ultrasonic-guided massage of the accessory sex glands and electroejaculation. <i>Animal Reproduction Science</i> , <b>2019</b> , 210, 106176	2.1	4
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39	Assisted reproductive technologies for endangered species conservation: developing sophisticated protocols with limited access to animals with unique reproductive mechanisms. <i>Biology of Reproduction</i> , <b>2019</b> , 100, 1158-1170	3.9	32
38	Collection planning for the next 100 years: What will we commit to save in zoos and aquariums?. <i>Zoo Biology</i> , <b>2019</b> , 38, 139-148	1.6	6
37	Non-invasive Methods for Measuring and Monitoring Stress Physiology in Imperiled Amphibians. <i>Frontiers in Ecology and Evolution</i> , <b>2019</b> , 7,	3.7	11
36	Semen cryopreservation in golden-headed lion tamarin, <i>Leontopithecus chrysomelas</i> . <i>American Journal of Primatology</i> , <b>2019</b> , 81, e23071	2.5	2
35	Practical application of laparoscopic oviductal artificial insemination for the propagation of domestic cats and wild felids. <i>Reproduction, Fertility and Development</i> , <b>2018</b> , 31, 27-39	1.8	13
34	Inbreeding causes decreased seminal quality affecting pregnancy and litter size in the endangered black-footed ferret. <i>Animal Conservation</i> , <b>2019</b> , 22, 331-340	3.2	14
33	Reproduction and Reproductive Strategies Relevant to Management of Whooping Cranes Ex Situ. <b>2019</b> , 373-387		3
32	Tolerance of lamb and mouse oocytes to cryoprotectants during vitrification. <i>Zygote</i> , <b>2019</b> , 27, 36-45	1.6	
31	Optimal concentration of Rho-associated coiled-coil kinase (ROCK) inhibitor improved sperm membrane functionality and fertilizing ability of cryopreserved-thawed feline sperm. <i>Theriogenology</i> , <b>2020</b> , 144, 27-32	2.8	2
30	Cryopreservation and Laser Nanowarming of Zebrafish Embryos Followed by Hatching and Spawning. <i>Advanced Biology</i> , <b>2020</b> , 4, e2000138	3.5	7
29	The Comparison of Semen Collection in Electroejaculation, Rectal Massage and Combination of Both Methods in the Critically Endangered Malayan Pangolin,. <i>Animals</i> , <b>2020</b> , 10,	3.1	2

28	Reproductive technologies for the conservation of wildlife and endangered species. <b>2020</b> , 99-117		2
27	Evaluating amphibian biobanking and reproduction for captive breeding programs according to the Amphibian Conservation Action Plan objectives. <i>Theriogenology</i> , <b>2020</b> , 150, 412-431	2.8	7
26	Optimization of Sperm Cryopreservation Protocol for Peregrine Falcon (). <i>Animals</i> , <b>2020</b> , 10,	3.1	5
25	Cryopreservation of ferret ( <i>Mustela putorius furo</i> ) sperm collected by rectal massage and electroejaculation: Comparison of a decelerating and an accelerating freezing rate protocol. <i>Veterinary Medicine and Science</i> , <b>2021</b> , 7, 256-263	2.1	1
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21	Optimal cooling rates for sperm cryopreservation in a threatened lizard conform to two-factor hypothesis of cryo-injury. <i>Cryobiology</i> , <b>2021</b> ,	2.7	0
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18	Reproduction and advances in reproductive studies in carnivores. <i>Advances in Experimental Medicine and Biology</i> , <b>2014</b> , 753, 205-39	3.6	10
17	"Mayday mayday mayday", the millennium ark is sinking!. <i>Advances in Experimental Medicine and Biology</i> , <b>2014</b> , 753, 15-31	3.6	13
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13	Fertilization. <b>2007</b> , 281-305		
12	Ovary, Oogenesis and Ovarian Cycle. <b>2007</b> , 193-214		
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10	Case Studies in Polar Bear () Sperm Collection and Cryopreservation Techniques.. <i>Animals</i> , <b>2022</b> , 12,	3.1	0
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