

Budhan S Pukazhenth

List of Publications by Year in Descending Order

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

55
papers

1,256
citations

20
h-index

34
g-index

58
ext. papers

1,440
ext. citations

2.8
avg, IF

4.29
L-index

#	Paper	IF	Citations
55	Insights from the rescue and breeding management of Cuvier's gazelle (<i>Gazella cuvieri</i>) through whole-genome sequencing. <i>Evolutionary Applications</i> , 2022 , 15, 351-364	4.8	0
54	Applying genomics to metapopulation management in North American insurance populations of southern sable antelope (<i>Hippotragus niger niger</i>) and addra gazelle (<i>Nanger dama ruficollis</i>). <i>Global Ecology and Conservation</i> , 2022 , 33, e01969	2.8	0
53	Differential gene expression patterns in spermatozoa from teratospermic and normospermic domestic cats. <i>Animal Reproduction Science</i> , 2021 , 226, 106698	2.1	1
52	CRISP protein expression in semen of the endangered Malayan tapir (<i>Tapirus indicus</i>). <i>Theriogenology</i> , 2021 , 172, 106-115	2.8	1
51	Influence of Reproductive Status on Equine Serum Proteome: Preliminary Results. <i>Journal of Equine Veterinary Science</i> , 2021 , 105, 103724	1.2	
50	Persian onager (<i>Equus hemionus onager</i>) endometrial explant cryopreservation and in vitro culture. <i>Animal Reproduction Science</i> , 2020 , 217, 106459	2.1	1
49	Influence of Metabolic Status and Diet on Early Pregnant Equine Histotroph Proteome: Preliminary Findings. <i>Journal of Equine Veterinary Science</i> , 2020 , 88, 102938	1.2	4
48	Hormone-responsive organoids from domestic mare and endangered Przewalski's horse endometrium. <i>Reproduction</i> , 2020 , 160, 819-831	3.8	3
47	A review of in vivo and in vitro studies of the mare endometrium. <i>Animal Reproduction Science</i> , 2020 , 222, 106605	2.1	2
46	Bilateral Intratesticular Spermatoceles in a Critically Endangered Dama Gazelle (<i>Gazella dama</i>). <i>Case Reports in Veterinary Medicine</i> , 2020 , 2020, 8810770	0.3	
45	Comparison of genomic diversity and structure of sable antelope (<i>Lepus sylvaticus</i>) in zoos, conservation centers, and private ranches in North America. <i>Evolutionary Applications</i> , 2020 , 13, 2143-2154	4.8	5
44	Gut microbiome differences between wild and captive black rhinoceros - implications for rhino health. <i>Scientific Reports</i> , 2019 , 9, 7570	4.9	47
43	Whole Genome Sequencing and Re-sequencing of the Sable Antelope (<i>Lepus sylvaticus</i>): A Resource for Monitoring Diversity in and Populations. <i>G3: Genes, Genomes, Genetics</i> , 2019 , 9, 1785-1793	3.2	14
42	Linkage between fecal androgen and glucocorticoid metabolites, spermaturia, body weight and onset of puberty in male African lions (<i>Panthera leo</i>). <i>PLoS ONE</i> , 2019 , 14, e0217986	3.7	0
41	Dimethyl sulfoxide maintains structure and function of cryopreserved equine endometrial explants. <i>Cryobiology</i> , 2019 , 91, 90-96	2.7	3
40	Colloid centrifugation of fresh semen improves post-thaw quality of cryopreserved dromedary camel spermatozoa. <i>Animal Reproduction Science</i> , 2018 , 192, 28-34	2.1	15
39	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> , 2018 , 81, 74-80	2.7	7

38	An update on semen collection, preservation and artificial insemination in the dromedary camel (<i>Camelus dromedarius</i>). <i>Animal Reproduction Science</i> , 2018 , 194, 11-18	2.1	16
37	Non-invasive hormonal characterization of the ovarian cycle, pregnancy, and seasonal anestrus of the female addra gazelle (<i>Nanger dama ruficollis</i>). <i>Theriogenology</i> , 2017 , 95, 96-104	2.8	3
36	Evaluation of cholesterol- treated dromedary camel sperm function by heterologous IVF and AI. <i>Animal Reproduction Science</i> , 2016 , 174, 20-28	2.1	12
35	Reproductive seasonality and sperm cryopreservation in the male tufted deer (<i>Elaphodus cephalophus</i>). <i>Theriogenology</i> , 2016 , 86, 914-923	2.8	10
34	Saving wild ungulate diversity through enhanced management and sperm cryopreservation. <i>Reproduction, Fertility and Development</i> , 2016 ,	1.8	7
33	Conservation of spermatogonial stem cell marker expression in undifferentiated felid spermatogonia. <i>Theriogenology</i> , 2016 , 86, 1022-1035.e3	2.8	8
32	Pretreatment of Addra gazelle (<i>Nanger dama ruficollis</i>) spermatozoa with cholesterol-loaded cyclodextrins improves cryosurvival. <i>Cryobiology</i> , 2016 , 73, 388-395	2.7	3
31	Cholesterol addition aids the cryopreservation of dromedary camel (<i>Camelus dromedarius</i>) spermatozoa. <i>Theriogenology</i> , 2015 , 83, 168-74	2.8	30
30	Progestin priming before gonadotrophin stimulation and AI improves embryo development and normalises luteal function in the cat. <i>Reproduction, Fertility and Development</i> , 2015 , 27, 360-71	1.8	5
29	Slow freezing, but not vitrification supports complete spermatogenesis in cryopreserved, neonatal sheep testicular xenografts. <i>PLoS ONE</i> , 2015 , 10, e0123957	3.7	37
28	Characterization of Ovarian Steroid Patterns in Female African Lions (<i>Panthera leo</i>), and the Effects of Contraception on Reproductive Function. <i>PLoS ONE</i> , 2015 , 10, e0140373	3.7	15
27	Improved sperm cryosurvival in diluents containing amides versus glycerol in the Przewalski's horse (<i>Equus ferus przewalskii</i>). <i>Cryobiology</i> , 2014 , 68, 205-14	2.7	21
26	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> , 2013 , 89, 41	3.9	18
25	Lactotransferrin in Asian elephant (<i>Elephas maximus</i>) seminal plasma correlates with semen quality. <i>PLoS ONE</i> , 2013 , 8, e71033	3.7	18
24	Oral progestin priming increases ovarian sensitivity to gonadotropin stimulation and improves luteal function in the cat. <i>Biology of Reproduction</i> , 2012 , 87, 137	3.9	20
23	Pretreatment of Asian elephant (<i>Elephas maximus</i>) spermatozoa with cholesterol-loaded cyclodextrins and glycerol addition at 4°C improves cryosurvival. <i>Reproduction, Fertility and Development</i> , 2012 , 24, 1134-42	1.8	16
22	Liquid semen storage in elephants (<i>Elephas maximus</i> and <i>Loxodonta africana</i>): species differences and storage optimization. <i>Journal of Andrology</i> , 2011 , 32, 420-31		27
21	Ejaculate traits and sperm cryopreservation in the endangered Baird's tapir (<i>Tapirus bairdii</i>). <i>Journal of Andrology</i> , 2011 , 32, 260-70		17

20	Induced pluripotent stem cells for conserving endangered species?. <i>Nature Methods</i> , 2011 , 8, 805-7	21.6	17
19	Progesterin exposure before gonadotropin stimulation improves embryo development after in vitro fertilization in the domestic cat. <i>Biology of Reproduction</i> , 2010 , 83, 558-67	3.9	15
18	Oocyte quality and estradiol supplementation affect in vitro maturation success in the white-tailed deer (<i>Odocoileus virginianus</i>). <i>Theriogenology</i> , 2010 , 73, 112-9	2.8	12
17	Paracrine factors from cumulus-enclosed oocytes ensure the successful maturation and fertilization in vitro of denuded oocytes in the cat model. <i>Fertility and Sterility</i> , 2009 , 91, 2051-60	4.8	43
16	Reduced germ cell apoptosis during spermatogenesis in the teratospermic domestic cat. <i>Journal of Andrology</i> , 2009 , 30, 460-8		16
15	Impact of anisotonic conditions on structural and functional integrity of cumulus-oocyte complexes at the germinal vesicle stage in the domestic cat. <i>Molecular Reproduction and Development</i> , 2008 , 75, 345-54	2.6	34
14	Ejaculate traits in the Namibian cheetah (<i>Acinonyx jubatus</i>): influence of age, season and captivity. <i>Reproduction, Fertility and Development</i> , 2007 , 19, 370-82	1.8	47
13	Poor centrosomal function of cat testicular spermatozoa impairs embryo development in vitro after intracytoplasmic sperm injection. <i>Biology of Reproduction</i> , 2006 , 75, 252-60	3.9	48
12	Cryopreservation of spermatozoa from wild-born Namibian cheetahs (<i>Acinonyx jubatus</i>) and influence of glycerol on cryosurvival. <i>Cryobiology</i> , 2006 , 52, 169-81	2.7	57
11	In vitro development of domestic cat embryos following intra-cytoplasmic sperm injection with testicular spermatozoa. <i>Theriogenology</i> , 2006 , 66, 1659-63	2.8	28
10	Challenges in cryopreservation of clouded leopard (<i>Neofelis nebulosa</i>) spermatozoa. <i>Theriogenology</i> , 2006 , 66, 1790-6	2.8	30
9	The impact and potential etiology of teratospermia in the domestic cat and its wild relatives. <i>Theriogenology</i> , 2006 , 66, 112-21	2.8	101
8	Effect of 1,2-propanediol versus 1,2-ethanediol on subsequent oocyte maturation, spindle integrity, fertilization, and embryo development in vitro in the domestic cat. <i>Biology of Reproduction</i> , 2004 , 71, 598-604	3.9	41
7	Which reproductive technologies are most relevant to studying, managing and conserving wildlife?. <i>Reproduction, Fertility and Development</i> , 2004 , 16, 33	1.8	161
6	Quantity rather than quality in teratospermic males: a histomorphometric and flow cytometric evaluation of spermatogenesis in the domestic cat (<i>Felis catus</i>). <i>Biology of Reproduction</i> , 2004 , 71, 1517-24	3.9	47
5	Which reproductive technologies are most relevant to studying, managing and conserving wildlife?. <i>Reproduction, Fertility and Development</i> , 2004 , 16, 33-46	1.8	28
4	Creatine phosphokinase in domestic cat epididymal spermatozoa. <i>Molecular Reproduction and Development</i> , 2002 , 62, 265-70	2.6	11
3	Oocyte metabolism predicts the development of cat embryos to blastocyst in vitro. <i>Molecular Reproduction and Development</i> , 2000 , 56, 163-71	2.6	87

2 Oocyte metabolism predicts the development of cat embryos to blastocyst in vitro **2000**, 56, 163 2

1 Inhibition of domestic cat spermatozoa acrosome reaction and zona pellucida penetration by tyrosine kinase inhibitors. *Molecular Reproduction and Development*, **1998**, 49, 48-57 2.6 43