

Benner G. Alves

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

806
citations

643344

15
h-index

759306

22
g-index

82
all docs

82
docs citations

82
times ranked

654
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In vitro</i> embryo production from early antral follicles of goats fed with a whole full-fat linseed based diet. <i>Zygote</i> , 2022, 30, 194-199.	0.5	1
2	Transcriptional downregulation of ABC transporters is related to follicular degeneration after vitrification and inÂvitro culture of ovine ovarian tissue. <i>Theriogenology</i> , 2022, 177, 127-132.	0.9	3
3	Preantral follicle population and distribution in the horse ovary. <i>Reproduction and Fertility</i> , 2022, , .	0.6	2
4	InÂvitro- and inÂvivo-derived early antral follicles have comparable inÂvitro follicular growth and oocyte maturation rates in goats. <i>Theriogenology</i> , 2022, 188, 135-144.	0.9	3
5	Blastocoel fluid removal and melatonin supplementation in the culture medium improve the viability of vitrified bovine embryos. <i>Theriogenology</i> , 2021, 160, 134-141.	0.9	6
6	Sperm head morphometry and chromatin condensation are in constant change at seminiferous tubules, epididymis, and ductus deferens in bulls. <i>Theriogenology</i> , 2021, 161, 200-209.	0.9	9
7	Impact of ethanol and heat stressâ€dependent effect of ultra-diluted <i>Arnica montana</i> 6ÂAcH on inÂvitro embryo production in cattle. <i>Theriogenology</i> , 2021, 162, 105-110.	0.9	3
8	In Vitro Activation and Development of Goat Preantral Follicles Enclosed in Ovarian Tissue Co-cultured with Mesenchymal Stem Cells. <i>Reproductive Sciences</i> , 2021, 28, 1709-1717.	1.1	3
9	Alpha Lipoic Acid Supplementation Improves Ovarian Tissue Vitrification Outcome: An Alternative to Preserve the Ovarian Function of Morada Nova Ewe. <i>Reproductive Sciences</i> , 2021, 28, 3109-3122.	1.1	4
10	Development of sheep secondary follicles and preservation of aromatase and metalloproteinases 2 and 9 after vitrification and in vitro culture. <i>Cell and Tissue Banking</i> , 2021, , 1.	0.5	1
11	Vitrification of canine ovarian tissue using the Ovarian Tissue Cryosystem (OTC) device. <i>Reproduction in Domestic Animals</i> , 2021, 56, 1156-1161.	0.6	3
12	Induced-damages on preantral follicles by withanolide D, a potent chemotherapy candidate are not attenuated by melatonin. <i>Reproductive Toxicology</i> , 2021, 104, 125-133.	1.3	4
13	Equine ovarian tissue xenografting: impacts of cooling, vitrification, and VEGF. <i>Reproduction and Fertility</i> , 2021, 2, 251-266.	0.6	2
14	Oocyte Morphometric Assessment and Gene Expression Profiling of Oocytes and Cumulus Cells as Biomarkers of Oocyte Competence in Sheep. <i>Animals</i> , 2021, 11, 2818.	1.0	7
15	Heterotopic autotransplantation of equine ovarian tissue using intramuscular versus subvulvar grafting sites: Preliminary results. <i>Theriogenology</i> , 2021, 172, 123-132.	0.9	0
16	Resveratrol-supplemented holding or re-culture media improves viability of fresh or vitrified-warmed in vitro-derived bovine embryos. <i>Research, Society and Development</i> , 2021, 10, e367101422097.	0.0	1
17	Ovarian tissue features assessed in bovine fetuses after vitrification and xenotransplantation procedures. <i>Reproductive Biology</i> , 2021, 21, 100575.	0.9	0
18	Activation of goat primordial follicles in vitro: Influence of alginate and ovarian tissue. <i>Reproduction in Domestic Animals</i> , 2020, 55, 105-109.	0.6	5

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19	Use of synthetic polymers improves the quality of vitrified caprine preantral follicles in the ovarian tissue. <i>Acta Histochemica</i> , 2020, 122, 151484.	0.9	5
20	Response of preantral follicles exposed to quinoxaline: A new compound with anticancer potential. <i>Research in Veterinary Science</i> , 2020, 128, 261-268.	0.9	9
21	First pregnancy after in vitro culture of early antral follicles in goats: Positive effects of anethole on follicle development and steroidogenesis. <i>Molecular Reproduction and Development</i> , 2020, 87, 966-977.	1.0	27
22	Vitrification of caprine secondary and early antral follicles as a perspective to preserve fertility function. <i>Reproductive Biology</i> , 2020, 20, 371-378.	0.9	9
23	Pituitary porcine FSH, and recombinant bovine and human FSH differentially affect growth and relative abundances of mRNA transcripts of preantral and early developing antral follicles in goats. <i>Animal Reproduction Science</i> , 2020, 219, 106461.	0.5	5
24	Harvesting, processing, and evaluation of in vitro-manipulated equine preantral follicles: A review. <i>Theriogenology</i> , 2020, 156, 283-295.	0.9	8
25	Supportive techniques to investigate in vitro culture and cryopreservation efficiencies of equine ovarian tissue: A review. <i>Theriogenology</i> , 2020, 156, 296-309.	0.9	15
26	Heterotopic ovarian allotransplantation in goats: Preantral follicle viability and tissue remodeling. <i>Animal Reproduction Science</i> , 2020, 215, 106310.	0.5	7
27	The subtle balance of insulin and thyroxine on survival and development of in vitro cultured caprine preantral follicles enclosed in ovarian tissue. <i>Theriogenology</i> , 2020, 147, 10-17.	0.9	5
28	Impacts of different synthetic polymers on vitrification of ovarian tissue. <i>Cryobiology</i> , 2020, 94, 66-72.	0.3	9
29	Anethole Supplementation During Oocyte Maturation Improves In Vitro Production of Bovine Embryos. <i>Reproductive Sciences</i> , 2020, 27, 1602-1608.	1.1	14
30	Heterotopic autotransplantation of ovarian tissue in a large animal model: Effects of cooling and VEGF. <i>PLoS ONE</i> , 2020, 15, e0241442.	1.1	10
31	Ultra-diluted Folliculinum 6 cH impairs ovine oocyte viability and maturation after in vitro culture. <i>Animal Reproduction</i> , 2020, 17, e20190100.	0.4	1
32	Anethole improves blastocysts rates together with antioxidant capacity when added during bovine embryo culture rather than in the in vitro maturation medium. <i>Zygote</i> , 2019, 27, 382-385.	0.5	11
33	Early ovine preantral follicles have a potential to grow until antral stage in two-step culture system in the presence of aqueous extract of <i>Justicia insularis</i> . <i>Reproduction in Domestic Animals</i> , 2019, 54, 1121-1130.	0.6	1
34	Anethole Supplementation During Oocyte Maturation Improves In Vitro Production of Bovine Embryos. <i>Reproductive Sciences</i> , 2019, , 193371911983178.	1.1	7
35	Xenotransplantation of goat ovary as an alternative to analyse follicles after vitrification. <i>Reproduction in Domestic Animals</i> , 2019, 54, 216-224.	0.6	8
36	In vitro study of Withanolide D toxicity on goat preantral follicles and its effects on the cell cycle. <i>Reproductive Toxicology</i> , 2019, 84, 18-25.	1.3	4

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37	Cilostamide affects in a concentration and exposure time-dependent manner the viability and the kinetics of in vitro maturation of caprine and bovine oocytes. <i>Research in Veterinary Science</i> , 2019, 122, 22-28.	0.9	2
38	Three-dimensional levitation culture improves in-vitro growth of secondary follicles in bovine model. <i>Reproductive BioMedicine Online</i> , 2019, 38, 300-311.	1.1	21
39	ATP-binding cassette (ABC) transporters in caprine preantral follicles: gene and protein expression. <i>Cell and Tissue Research</i> , 2018, 372, 611-620.	1.5	11
40	Positive effect of resveratrol against preantral follicles degeneration after ovarian tissue vitrification. <i>Theriogenology</i> , 2018, 114, 244-251.	0.9	13
41	Sperm chromatin alterations in fertile and subfertile bulls. <i>Reproductive Biology</i> , 2018, 18, 177-181.	0.9	7
42	Dose-dependent effects of frutalin on in vitro maturation and fertilization of pig oocytes. <i>Animal Reproduction Science</i> , 2018, 192, 216-222.	0.5	3
43	Melatonin reduces apoptotic cells, SOD^2 and HSPB^1 and improves the in vitro production and quality of bovine blastocysts. <i>Reproduction in Domestic Animals</i> , 2018, 53, 226-236.	0.6	22
44	Laparoscopic ovarian biopsy pick-up method for goats. <i>Theriogenology</i> , 2018, 107, 219-225.	0.9	10
45	Relationship between follicular dynamics and oocyte maturation during in vitro culture as a non-invasive sign of caprine oocyte meiotic competence. <i>Theriogenology</i> , 2018, 107, 95-103.	0.9	22
46	The Role of Androgens in Mammals Folliculogenesis. <i>Acta Scientiae Veterinariae</i> , 2018, 44, 15.	0.2	0
47	Goat in vitro follicular response to insulin concentration is affected by base medium and follicular stage. <i>Small Ruminant Research</i> , 2018, 169, 62-66.	0.6	5
48	Supplementation of in vitro culture medium with FSH to grow follicles and mature oocytes can be replaced by extracts of <i>Justicia insularis</i> . <i>PLoS ONE</i> , 2018, 13, e0208760.	1.1	10
49	Effect of aquaporin 3 knockdown by RNA interference on antrum formation in sheep secondary follicles cultured in vitro. <i>Zygote</i> , 2018, 26, 350-358.	0.5	3
50	Stroma cell-derived factor 1 and connexins (37 and 43) are preserved after vitrification and in vitro culture of goat ovarian cortex. <i>Theriogenology</i> , 2018, 116, 83-88.	0.9	12
51	In vitro growth and development of isolated secondary follicles from vitrified caprine ovarian cortex. <i>Reproduction, Fertility and Development</i> , 2018, 30, 359.	0.1	9
52	In vivo and in vitro strategies to support caprine preantral follicle development after ovarian tissue vitrification. <i>Reproduction, Fertility and Development</i> , 2018, 30, 1055.	0.1	14
53	Effect of Catalase or Alpha Lipoic Acid Supplementation in the Vitrification Solution of Ovine Ovarian Tissue. <i>Biopreservation and Biobanking</i> , 2018, 16, 258-269.	0.5	13
54	Anethole reduces oxidative stress and improves in vitro survival and activation of primordial follicles. <i>Brazilian Journal of Medical and Biological Research</i> , 2018, 51, e7129.	0.7	29

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55	In vitro culture of isolated preantral and antral follicles of goats using human recombinant FSH: Concentration-dependent and stage-specific effect. <i>Animal Reproduction Science</i> , 2018, 196, 120-129.	0.5	28
56	Spatial distribution of preantral follicles in the equine ovary. <i>PLoS ONE</i> , 2018, 13, e0198108.	1.1	11
57	Preantral follicle density in ovarian biopsy fragments and effects of mare age. <i>Reproduction, Fertility and Development</i> , 2017, 29, 867.	0.1	22
58	Effects of Cryoprotectant Agents on Equine Ovarian Biopsy Fragments in Preparation for Cryopreservation. <i>Journal of Equine Veterinary Science</i> , 2017, 53, 86-93.	0.4	14
59	Ovarian fragment sizes affect viability and morphology of preantral follicles during storage at 4°C. <i>Reproduction</i> , 2017, 153, 577-587.	1.1	20
60	Role of EGF on in situ culture of equine preantral follicles and metabolomics profile. <i>Research in Veterinary Science</i> , 2017, 115, 155-164.	0.9	20
61	Equine ovarian tissue viability after cryopreservation and in vitro culture. <i>Theriogenology</i> , 2017, 97, 139-147.	0.9	17
62	Effects of calving season on the voluntary waiting period and reproductive performance of Holstein cows in the tropical savannah. <i>Tropical Animal Health and Production</i> , 2017, 49, 1179-1185.	0.5	1
63	In vitro growth and maturation of isolated caprine preantral follicles: Influence of insulin and FSH concentration, culture dish, coculture, and oocyte size on meiotic resumption. <i>Theriogenology</i> , 2017, 90, 32-41.	0.9	16
64	Refining insulin concentrations in culture medium containing growth factors BMP15 and GDF9: An in vitro study of the effects on follicle development of goats. <i>Animal Reproduction Science</i> , 2017, 185, 118-127.	0.5	13
65	Ovarian transport temperature (4 vs 33 °C) impacts differently the in vitro development of isolated goat preantral and antral follicles. <i>Small Ruminant Research</i> , 2017, 155, 16-23.	0.6	6
66	Glucocorticoid metabolism in equine follicles and oocytes. <i>Domestic Animal Endocrinology</i> , 2017, 59, 11-22.	0.8	20
67	Caprine ovarian follicle requirements differ between preantral and early antral stages after IVC in medium supplemented with GH and VEGF alone or in combination. <i>Theriogenology</i> , 2017, 87, 321-332.	0.9	34
68	Ovarian features in white-tailed deer (<i>Odocoileus virginianus</i>) fawns and does. <i>PLoS ONE</i> , 2017, 12, e0177357.	1.1	7
69	Development of caprine preantral follicles after orthotopic autotransplantation of ovarian tissue: Short communication. <i>Human Reproduction Archives</i> , 2017, 32, 1-5.	0.0	0
70	Justicia insularis Improves the in vitro Survival and Development of Ovine Preantral Follicles Enclosed in Ovarian Tissue. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 5, .	0.1	1
71	The Mare Model to Study the Effects of Ovarian Dynamics on Preantral Follicle Features. <i>PLoS ONE</i> , 2016, 11, e0149693.	1.1	42
72	Selected sperm traits are simultaneously altered after scrotal heat stress and play specific roles in in vitro fertilization and embryonic development. <i>Theriogenology</i> , 2016, 86, 924-933.	0.9	22

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73	Relationship of Doppler velocimetry parameters with antral follicular population and oocyte quality in Canindá goats. <i>Small Ruminant Research</i> , 2016, 141, 39-44.	0.6	1
74	Accelerated follicle growth during the culture of isolated caprine preantral follicles is detrimental to follicular survival and oocyte meiotic resumption. <i>Theriogenology</i> , 2016, 86, 1530-1540.	0.9	14
75	Number and density of equine preantral follicles in different ovarian histological section thicknesses. <i>Theriogenology</i> , 2015, 83, 1048-1055.	0.9	33
76	Metabolic profile of serum and follicular fluid from postpartum dairy cows during summer and winter. <i>Reproduction, Fertility and Development</i> , 2014, 26, 866.	0.1	14
77	Ovarian activity and oocyte quality associated with the biochemical profile of serum and follicular fluid from Girolando dairy cows postpartum. <i>Animal Reproduction Science</i> , 2014, 146, 117-125.	0.5	26
78	Exploratory analysis of differences in sperm morphology in Nelore and Gir (<i>Bos indicus</i>) bulls. <i>Tropical Animal Health and Production</i> , 2014, 46, 765-70.	0.5	1
79	Chromatin condensation and morphometry of the bovine sperm head after <i>in vitro</i> sperm selection and capacitation. <i>Journal of Applied Animal Research</i> , 2013, 41, 87-92.	0.4	4
80	CRIOPRESERVAÇÃO DE FOLÍCULOS PRÉ-ANTRAIS CANINOS COM GLICEROL E ETILENOGLICOL. <i>Archives of Veterinary Science</i> , 2013, 18, .	0.1	0
81	Stx1 and Stx2 subtyping and antimicrobial resistance in Shiga toxin-producing <i>Escherichia coli</i> (STEC) isolates from cattle and sheep feces in the Southeastern region of the State of Goiás, Brazil. <i>Pesquisa Veterinaria Brasileira</i> , 0, 41, .	0.5	1