Benner G. Alves

List of Publications by Year
in descending order

81	806	567281 15	677142 22
papers	citations	h-index	g-index

82	82	82	635
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Mare Model to Study the Effects of Ovarian Dynamics on Preantral Follicle Features. PLoS ONE, 2016, 11, e0149693.	2.5	42
2	Caprine ovarian follicle requirements differ between preantral and early antral stages after IVC in medium supplemented with GH and VEGF alone or in combination. Theriogenology, 2017, 87, 321-332.	2.1	34
3	Number and density of equine preantral follicles in different ovarian histological section thicknesses. Theriogenology, 2015, 83, 1048-1055.	2.1	33
4	Anethole reduces oxidative stress and improves in vitro survival and activation of primordial follicles. Brazilian Journal of Medical and Biological Research, 2018, 51, e7129.	1.5	29
5	In vitro culture of isolated preantral and antral follicles of goats using human recombinant FSH: Concentration-dependent and stage-specific effect. Animal Reproduction Science, 2018, 196, 120-129.	1.5	28
6	First pregnancy after in vitro culture of early antral follicles in goats: Positive effects of anethole on follicle development and steroidogenesis. Molecular Reproduction and Development, 2020, 87, 966-977.	2.0	27
7	Ovarian activity and oocyte quality associated with the biochemical profile of serum and follicular fluid from Girolando dairy cows postpartum. Animal Reproduction Science, 2014, 146, 117-125.	1.5	26
8	Selected sperm traits are simultaneously altered after scrotal heat stress and play specific roles in inÂvitro fertilization and embryonic development. Theriogenology, 2016, 86, 924-933.	2.1	22
9	Preantral follicle density in ovarian biopsy fragments and effects of mare age. Reproduction, Fertility and Development, 2017, 29, 867.	0.4	22
10	Melatonin reduces apoptotic cells, <scp>SOD</scp>2 and <scp>HSPB</scp>1 and improves the in vitro production and quality of bovine blastocysts. Reproduction in Domestic Animals, 2018, 53, 226-236.	1.4	22
11	Relationship between follicular dynamics and oocyte maturation during inÂvitro culture as a non-invasive sign of caprine oocyte meiotic competence. Theriogenology, 2018, 107, 95-103.	2.1	22
12	Three-dimensional levitation culture improves in-vitro growth of secondary follicles in bovine model. Reproductive BioMedicine Online, 2019, 38, 300-311.	2.4	21
13	Ovarian fragment sizes affect viability and morphology of preantral follicles during storage at 4Â°C. Reproduction, 2017, 153, 577-587.	2.6	20
14	Role of EGF on in situ culture of equine preantral follicles and metabolomics profile. Research in Veterinary Science, 2017, 115, 155-164.	1.9	20
15	Glucocorticoid metabolism in equine follicles and oocytes. Domestic Animal Endocrinology, 2017, 59, 11-22.	1.6	20
16	Equine ovarian tissue viability after cryopreservation and inÂvitro culture. Theriogenology, 2017, 97, 139-147.	2.1	17
17	InÂvitro growth and maturation of isolated caprine preantral follicles: Influence of insulin and FSH concentration, culture dish, coculture, and oocyte size on meiotic resumption. Theriogenology, 2017, 90, 32-41.	2.1	16
18	Supportive techniques to investigate inÂvitro culture and cryopreservation efficiencies of equine ovarian tissue: A review. Theriogenology, 2020, 156, 296-309.	2.1	15

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19	Metabolic profile of serum and follicular fluid from postpartum dairy cows during summer and winter. Reproduction, Fertility and Development, 2014, 26, 866.	0.4	14
20	Accelerated follicle growth during the culture of isolated caprine preantral follicles is detrimental to follicular survival and oocyte meiotic resumption. Theriogenology, 2016, 86, 1530-1540.	2.1	14
21	Effects of Cryoprotectant Agents on Equine Ovarian Biopsy Fragments in Preparation for Cryopreservation. Journal of Equine Veterinary Science, 2017, 53, 86-93.	0.9	14
22	In vivo and in vitro strategies to support caprine preantral follicle development after ovarian tissue vitrification. Reproduction, Fertility and Development, 2018, 30, 1055.	0.4	14
23	Anethole Supplementation During Oocyte Maturation Improves In Vitro Production of Bovine Embryos. Reproductive Sciences, 2020, 27, 1602-1608.	2.5	14
24	Refining insulin concentrations in culture medium containing growth factors BMP15 and GDF9: An in vitro study of the effects on follicle development of goats. Animal Reproduction Science, 2017, 185, 118-127.	1.5	13
25	Positive effect of resveratrol against preantral follicles degeneration after ovarian tissue vitrification. Theriogenology, 2018, 114, 244-251.	2.1	13
26	Effect of Catalase or Alpha Lipoic Acid Supplementation in the Vitrification Solution of Ovine Ovarian Tissue. Biopreservation and Biobanking, 2018, 16, 258-269.	1.0	13
27	Stroma cell-derived factor 1 and connexins (37 and 43) are preserved after vitrification and inÂvitro culture of goat ovarian cortex. Theriogenology, 2018, 116, 83-88.	2.1	12
28	ATP-binding cassette (ABC) transporters in caprine preantral follicles: gene and protein expression. Cell and Tissue Research, 2018, 372, 611-620.	2.9	11
29	Spatial distribution of preantral follicles in the equine ovary. PLoS ONE, 2018, 13, e0198108.	2.5	11
30	Anethole improves blastocysts rates together with antioxidant capacity when added during bovine embryo culture rather than in the in vitro maturation medium. Zygote, 2019, 27, 382-385.	1.1	11
31	Laparoscopic ovarian biopsy pick-up method for goats. Theriogenology, 2018, 107, 219-225.	2.1	10
32	Supplementation of in vitro culture medium with FSH to grow follicles and mature oocytes can be replaced by extracts of Justicia insularis. PLoS ONE, 2018, 13, e0208760.	2.5	10
33	Heterotopic autotransplantation of ovarian tissue in a large animal model: Effects of cooling and VEGF. PLoS ONE, 2020, 15, e0241442.	2.5	10
34	In vitro growth and development of isolated secondary follicles from vitrified caprine ovarian cortex. Reproduction, Fertility and Development, 2018, 30, 359.	0.4	9
35	Response of preantral follicles exposed to quinoxaline: A new compound with anticancer potential. Research in Veterinary Science, 2020, 128, 261-268.	1.9	9
36	Vitrification of caprine secondary and early antral follicles as a perspective to preserve fertility function. Reproductive Biology, 2020, 20, 371-378.	1.9	9

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37	Impacts of different synthetic polymers on vitrification of ovarian tissue. Cryobiology, 2020, 94, 66-72.	0.7	9
38	Sperm head morphometry and chromatin condensation are in constant change at seminiferous tubules, epididymis, and ductus deferens in bulls. Theriogenology, 2021, 161, 200-209.	2.1	9
39	Xenotransplantation of goat ovary as an alternative to analyse follicles after vitrification. Reproduction in Domestic Animals, 2019, 54, 216-224.	1.4	8
40	Harvesting, processing, and evaluation of inÂvitro-manipulated equine preantral follicles: A review. Theriogenology, 2020, 156, 283-295.	2.1	8
41	Ovarian features in white-tailed deer (Odocoileus virginianus) fawns and does. PLoS ONE, 2017, 12, e0177357.	2.5	7
42	Sperm chromatin alterations in fertile and subfertile bulls. Reproductive Biology, 2018, 18, 177-181.	1.9	7
43	Anethole Supplementation During Oocyte Maturation Improves In Vitro Production of Bovine Embryos. Reproductive Sciences, 2019, , 193371911983178.	2.5	7
44	Heterotopic ovarian allotransplantation in goats: Preantral follicle viability and tissue remodeling. Animal Reproduction Science, 2020, 215, 106310.	1.5	7
45	Oocyte Morphometric Assessment and Gene Expression Profiling of Oocytes and Cumulus Cells as Biomarkers of Oocyte Competence in Sheep. Animals, 2021, 11, 2818.	2.3	7
46	Ovarian transport temperature (4 vs 33 Â°C) impacts differently the in vitro development of isolated goat preantral and antral follicles. Small Ruminant Research, 2017, 155, 16-23.	1.2	6
47	Blastocoel fluid removal and melatonin supplementation in the culture medium improve the viability of vitrified bovine embryos. Theriogenology, 2021, 160, 134-141.	2.1	6
48	Goat in vitro follicular response to insulin concentration is affected by base medium and follicular stage. Small Ruminant Research, 2018, 169, 62-66.	1.2	5
49	Activation of goat primordial follicles in vitro: Influence of alginate and ovarian tissue. Reproduction in Domestic Animals, 2020, 55, 105-109.	1.4	5
50	Use of synthetic polymers improves the quality of vitrified caprine preantral follicles in the ovarian tissue. Acta Histochemica, 2020, 122, 151484.	1.8	5
51	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. Animal Reproduction Science, 2020, 219, 106461.	1.5	5
52	The subtle balance of insulin and thyroxine on survival and development of inÂvitro cultured caprine preantral follicles enclosed in ovarian tissue. Theriogenology, 2020, 147, 10-17.	2.1	5
53	Chromatin condensation and morphometry of the bovine sperm head afterin vitrosperm selection and capacitation. Journal of Applied Animal Research, 2013, 41, 87-92.	1.2	4
54	In vitro study of Withanolide D toxicity on goat preantral follicles and its effects on the cell cycle. Reproductive Toxicology, 2019, 84, 18-25.	2.9	4

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55	Alpha Lipoic Acid Supplementation Improves Ovarian Tissue Vitrification Outcome: An Alternative to Preserve the Ovarian Function of Morada Nova Ewe. Reproductive Sciences, 2021, 28, 3109-3122.	2.5	4
56	Induced-damages on preantral follicles by withanolide D, a potent chemotherapy candidate are not attenuated by melatonin. Reproductive Toxicology, 2021, 104, 125-133.	2.9	4
57	Dose-dependent effects of frutalin on in vitro maturation and fertilization of pig oocytes. Animal Reproduction Science, 2018, 192, 216-222.	1.5	3
58	Effect of aquaporin 3 knockdown by RNA interference on antrum formation in sheep secondary follicles cultured in vitro. Zygote, 2018, 26, 350-358.	1.1	3
59	Impact of ethanol and heat stressâ€“dependent effect of ultra-diluted Arnica montana 6ÂcH on inÂvitro embryo production in cattle. Theriogenology, 2021, 162, 105-110.	2.1	3
60	In Vitro Activation and Development of Goat Preantral Follicles Enclosed in Ovarian Tissue Co-cultured with Mesenchymal Stem Cells. Reproductive Sciences, 2021, 28, 1709-1717.	2.5	3
61	Vitrification of canine ovarian tissue using the Ovarian Tissue Cryosystem (OTC) device. Reproduction in Domestic Animals, 2021, 56, 1156-1161.	1.4	3
62	Transcriptional downregulation of ABC transporters is related to follicular degeneration after vitrification and inÂvitro culture of ovine ovarian tissue. Theriogenology, 2022, 177, 127-132.	2.1	3
63	InÂvitro- and inÂvivo-derived early antral follicles have comparable inÂvitro follicular growth and oocyte maturation rates in goats. Theriogenology, 2022, 188, 135-144.	2.1	3
64	Cilostamide affects in a concentration and exposure time-dependent manner the viability and the kinetics of in vitro maturation of caprine and bovine oocytes. Research in Veterinary Science, 2019, 122, 22-28.	1.9	2
65	Equine ovarian tissue xenografting: impacts of cooling, vitrification, and VEGF. Reproduction and Fertility, 2021, 2, 251-266.	1.8	2
66	Preantral follicle population and distribution in the horse ovary. Reproduction and Fertility, 2022, , .	1.8	2
67	Exploratory analysis of differences in sperm morphology in Nelore and Gir (Bos indicus) bulls. Tropical Animal Health and Production, 2014, 46, 765-70.	1.4	1
68	Relationship of Doppler velocimetry parameters with antral follicular population and oocyte quality in CanindÃ© goats. Small Ruminant Research, 2016, 141, 39-44.	1.2	1
69	Effects of calving season on the voluntary waiting period and reproductive performance of Holstein cows in the tropical savannah. Tropical Animal Health and Production, 2017, 49, 1179-1185.	1.4	1
70	Early ovine preantral follicles have a potential to grow until antral stage in twoâ€step culture system in the presence of aqueous extract of Justicia insularis. Reproduction in Domestic Animals, 2019, 54, 1121-1130.	1.4	1
71	Stx1 and Stx2 subtyping and antimicrobial resistance in Shiga toxin-producing Escherichia coli (STEC) isolates from cattle and sheep feces in the Southeastern region of the State of GoiÃ¡s, Brazil. Pesquisa Veterinaria Brasileira, 0, 41, .	0.5	1
72	Development of sheep secondary follicles and preservation of aromatase and metalloproteinases 2 and 9 after vitrification and in vitro culture. Cell and Tissue Banking, 2021, , 1.	1.1	1

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73	In vitro embryo production from early antral follicles of goats fed with a whole full-fat linseed based diet. Zygote, 2022, 30, 194-199.	1.1	1
74	Justicia insularis Improves the in vitro Survival and Development of Ovine Preantral Follicles Enclosed in Ovarian Tissue. Journal of Pharmacy and Pharmacology, 2017, 5, .	0.0	1
75	Ultra-diluted Folliculinum 6 cH impairs ovine oocyte viability and maturation after in vitro culture. Animal Reproduction, 2020, 17, e20190100.	1.0	1
76	Resveratrol-supplemented holding or re-culture media improves viability of fresh or vitrified-warmed in vitro-derived bovine embryos. Research, Society and Development, 2021, 10, e367101422097.	0.1	1
77	CRIOPRESERVAÃ‡ÃƒO DE FOLÃCULOS PRÃ‰-ANTRAIS CANINOS COM GLICEROL E ETILENOGLICOL. Archives of Veterinary Science, 2013, 18, .	0.1	0
78	The Role of Androgens in Mammals Folliculogenesis. Acta Scientiae Veterinariae, 2018, 44, 15.	0.2	0
79	Heterotopic autotransplantation of equine ovarian tissue using intramuscular versus subvulvar grafting sites: Preliminary results. Theriogenology, 2021, 172, 123-132.	2.1	0
80	Development of caprine preantral follicles after orthotopic autotransplantation of ovarian tissue: Short communication. Human Reproduction Archives, 2017, 32, 1-5.	0.0	0
81	Ovarian tissue features assessed in bovine fetuses after vitrification and xenotransplantation procedures. Reproductive Biology, 2021, 21, 100575.	1.9	0