Regiane Rodrigues Dos Santos

List of Publications by Year
in descending order

127 papers	2,442 citations	186265 28 h-index	276875 41 g-index
128 all docs	128 docs citations	128 times ranked	1931 citing authors

#	Article	IF	Citations
1	Deoxynivalenol Impairs Hepatic and Intestinal Gene Expression of Selected Oxidative Stress, Tight Junction and Inflammation Proteins in Broiler Chickens, but Addition of an Adsorbing Agent Shifts the Effects to the Distal Parts of the Small Intestine. PLoS ONE, 2013, 8, e69014.	2.5	133
2	Transgenerational toxicity of Zearalenone in pigs. Reproductive Toxicology, 2012, 34, 110-119.	2.9	114
3	Vitrification of goat preantral follicles enclosed in ovarian tissue by using conventional and solid-surface vitrification methods. Cell and Tissue Research, 2007, 327, 167-176.	2.9	96
4	Cryopreservation of ovarian tissue: An emerging technology for female germline preservation of endangered species and breeds. Animal Reproduction Science, 2010, 122, 151-163.	1.5	89
5	Usefulness of bovine and porcine IVM/IVF models for reproductive toxicology. Reproductive Biology and Endocrinology, 2014, 12, 117.	3.3	74
6	Quantitative histo-morphometric analysis of heat-stress-related damage in the small intestines of broiler chickens. Avian Pathology, 2015, 44, 19-22.	2.0	71
7	Cryopreservation of caprine ovarian tissue using dimethylsulphoxide and propanediol. Animal Reproduction Science, 2004, 84, 211-227.	1.5	60
8	Effect of coconut water and Braun-Collins solutions at different temperatures and incubation times on the morphology of goat preantral follicles preserved in vitro. Theriogenology, 2000, 54, 809-822.	2.1	55
9	Histological and ultrastructural analysis of cryopreserved sheep preantral follicles. Animal Reproduction Science, 2006, 91, 249-263.	1.5	47
10	Novel wide-capacity method for vitrification of caprine ovaries: Ovarian Tissue Cryosystem (OTC). Animal Reproduction Science, 2013, 138, 220-227.	1.5	46
11	Goat and sheep ovarian tissue cryopreservation: Effects on the morphology and development of primordial follicles and density of stromal cell. Animal Reproduction Science, 2010, 122, 90-97.	1.5	44
12	Analyzing the antibacterial effects of food ingredients: model experiments with allicin and garlic extracts on biofilm formation and viability of Staphylococcus epidermidis. Food Science and Nutrition, 2015, 3, 158-168.	3.4	44
13	Short-term preservation of canine preantral follicles: Effects of temperature, medium and time. Animal Reproduction Science, 2009, 115, 201-214.	1.5	42
14	The activin-follistatin system and in vitro early follicle development in goats. Journal of Endocrinology, 2006, 189, 113-125.	2.6	41
15	Eight-Cell Parthenotes Originated From In Vitro Grown Sheep Preantral Follicles. Reproductive Sciences, 2012, 19, 1219-1225.	2.5	41
16	Cryopreservation of caprine ovarian tissue using glycerol and ethylene glycol. Theriogenology, 2004, 61, 1009-1024.	2.1	40
17	Preservation of caprine preantral follicle viability after cryopreservation in sucrose and ethylene glycol. Cell and Tissue Research, 2006, 325, 523-531.	2.9	40
18	Effect of medium composition on the in vitro culture of bovine pre-antral follicles: morphology and viability do not guarantee functionality. Zygote, 2013, 21, 125-128.	1.1	39

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19	Degeneration rate of preantral follicles in the ovaries of goats. Small Ruminant Research, 2002, 43, 203-209.	1.2	37
20	Preservation of bovine preantral follicle viability and ultra-structure after cooling and freezing of ovarian tissue. Animal Reproduction Science, 2008, 108, 309-318.	1.5	37
21	Semen coagulum liquefaction, sperm activation and cryopreservation of capuchin monkey (Cebus) Tj ETQq1 1 0.784314 rgBT /Overlock 75-80.	1.5	34
22	Toxicity of beauvericin on porcine oocyte maturation and preimplantation embryo development. Reproductive Toxicology, 2016, 65, 159-169.	2.9	34
23	Complete follicular development and recovery of ovarian function of frozen-thawed, autotransplanted caprine ovarian cortex. Fertility and Sterility, 2009, 91, 1455-1458.	1.0	33
24	Effects of a feed additive blend on broilers challenged with heat stress. Avian Pathology, 2019, 48, 582-601.	2.0	33
25	Cryopreservation and in vitro culture of caprine preantral follicles. Reproduction, Fertility and Development, 2011, 23, 40.	0.4	31
26	Cinnamaldehyde, Carvacrol and Organic Acids Affect Gene Expression of Selected Oxidative Stress and Inflammation Markers in IPECâ€J2 Cells Exposed to Salmonella typhimurium. Phytotherapy Research, 2016, 30, 1988-2000.	5.8	31
27	Isotherm modeling of organic activated bentonite and humic acid polymer used as mycotoxin adsorbents. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2011, 28, 1578-1589.	2.3	30
28	Seminal characteristics and cryopreservation of sperm from the squirrel monkey, Saimiri collinsi. Theriogenology, 2015, 84, 743-749.e1.	2.1	30
29	Catalase addition to vitrification solutions maintains goat ovarian preantral follicles stability. Research in Veterinary Science, 2014, 97, 140-147.	1.9	26
30	Effect of cryopreservation on viability, activation and growth of in situ and isolated ovine early-stage follicles. Animal Reproduction Science, 2007, 99, 53-64.	1.5	25
31	Cryopreservation of preantral ovarian follicles in situ from domestic cats (Felis catus) using different cryoprotective agents. Theriogenology, 2006, 66, 1664-1666.	2.1	24
32	Histologic and ultrastructural features of cryopreserved ovine ovarian tissue: deleterious effect of 1,2-propanediol applying different thawing protocols. Fertility and Sterility, 2010, 93, 2764-2766.	1.0	24
33	Mycotoxin syndrome in dairy cattle: characterisation and intervention results. World Mycotoxin Journal, 2014, 7, 357-366.	1.4	24
34	Mycotoxins and female reproduction: in vitro approaches. World Mycotoxin Journal, 2013, 6, 245-253.	1.4	23
35	Vitamin E-analog Trolox prevents endoplasmic reticulum stress in frozen-thawed ovarian tissue of capuchin monkey (Sapajus apella). Cell and Tissue Research, 2014, 355, 471-480.	2.9	23
36	Advances in in vitro folliculogenesis in domestic ruminants. Animal Reproduction, 2019, 16, 52-65.	1.0	23

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37	Cooling and freezing of sperm from captive, free-living and endangered squirrel monkey species. Cryobiology, 2016, 72, 283-289.	0.7	21
38	Control of growth and development of preantral follicle: insights from in vitro culture. Animal Reproduction, 2018, 15, 648-659.	1.0	21
39	Morphological and ultrastructural analysis of sheep primordial follicles preserved in 0.9% saline solution and TCM 199. Theriogenology, 2004, 62, 65-80.	2.1	20
40	Modulation of aquaporins 3 and 9 after exposure of ovine ovarian tissue to cryoprotectants followed by in vitro culture. Cell and Tissue Research, 2016, 365, 415-424.	2.9	20
41	Cryopreservation of domestic cat (Felis catus) ovarian tissue: Comparison of two vitrification methods. Theriogenology, 2018, 111, 69-77.	2.1	19
42	Dimethyl sulfoxide perfusion in caprine ovarian tissue and its relationship with follicular viability after cryopreservation. Fertility and Sterility, 2009, 91, 1513-1515.	1.0	18
43	Effects of Exposure to Zearalenone on Porcine Oocytes and Sperm During Maturation and Fertilization In Vitro. Journal of Reproduction and Development, 2011, 57, 547-550.	1.4	17
44	Developmental effects of imatinib mesylate on follicle assembly and early activation of primordial follicle pool in postnatal rat ovary. Reproductive Biology, 2017, 17, 25-33.	1.9	17
45	Cryopreservation and short-term culture of isolated caprine primordial follicles. Small Ruminant Research, 2005, 56, 103-111.	1.2	16
46	Osmotic tolerance and freezability of isolated caprine early-staged follicles. Cell and Tissue Research, 2008, 333, 323-331.	2.9	16
47	The Effect of LIF in the Absence or Presence of FSH on the In Vitro Development of Isolated Caprine Preantral Follicles. Reproduction in Domestic Animals, 2012, 47, 379-384.	1.4	16
48	Staphylococcus epidermidis biofilm quantification: Effect of different solvents and dyes. Journal of Microbiological Methods, 2014, 101, 63-66.	1.6	16
49	Assessment of feline fetal viability by conceptus echobiometry and triplex Doppler ultrasonography of uterine and umbilical arteries. Animal Reproduction Science, 2010, 122, 276-281.	1.5	15
50	Kit ligand and insulin-like growth factor I affect the in vitro development of ovine preantral follicles. Small Ruminant Research, 2013, 115, 99-102.	1.2	15
51	Short-Term Culture of Ovarian Cortical Strips From Capuchin Monkeys (Sapajus apella): A Morphological, Viability, and Molecular Study of Preantral Follicular Development In Vitro. Reproductive Sciences, 2013, 20, 990-997.	2.5	15
52	Immunolocalization of Growth, Inhibitory, and Proliferative Factors Involved in Initial Ovarian Folliculogenesis From Adult Common Squirrel Monkey (Saimiri collinsi). Reproductive Sciences, 2015, 22, 68-74.	2.5	15
53	Testicular biometry and semen characteristics in captive and wild squirrel monkey species (Saimiri sp.). Theriogenology, 2016, 86, 879-887.e4.	2.1	15
54	Effect of cryoprotectant type and concentration on the vitrification of collared peccary (Pecari) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.5	15

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55	Adding Ascorbic Acid to Vitrification and IVC Medium Influences Preantral Follicle Morphology, but Not Viability. Reproduction in Domestic Animals, 2011, 46, 742-745.	1.4	14
56	Naringenin (NAR) and 8-prenylnaringenin (8-PN) reduce the developmental competence of porcine oocytes in vitro. Reproductive Toxicology, 2014, 49, 1-11.	2.9	14
57	The protective effect of follicular fluid against the emerging mycotoxins alternariol and beauvericin. World Mycotoxin Journal, 2015, 8, 445-450.	1.4	14
58	Efficacious long-term cooling and freezing of Sapajus apella semen in ACP-118Â®. Animal Reproduction Science, 2015, 159, 118-123.	1.5	14
59	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
60	The optimum valine: lysine ratios on performance and carcass traits of male broilers based on different regression approaches. Poultry Science, 2019, 98, 1310-1320.	3.4	14
61	Quantification of Dimethyl Sulfoxide Perfusion in Sheep Ovarian Tissue: A Predictive Parameter for Follicular Survival to Cryopreservation. Biopreservation and Biobanking, 2008, 6, 269-276.	1.0	13
62	Irreversible Damage in Ovine Ovarian Tissue after Cryopreservation in Propanediol: Analyses after In Vitro Culture and Xenotransplantation. Reproduction in Domestic Animals, 2011, 46, 793-799.	1.4	13
63	Catalase Prevents Lipid Peroxidation and Enhances Survival of Caprine Preantral Follicles Cryopreserved in a 1,2-Propanediol-Freezing Medium. Biopreservation and Biobanking, 2012, 10, 338-342.	1.0	13
64	Trolox enhances follicular survival after ovarian tissue autograft in squirrel monkey (Saimiri) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Tc	0.4	13
65	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
66	Effects of Î±-tocopherol and ternatin antioxidants on morphology and activation of goat preantral follicles in vitro cultured. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2009, 61, 57-65.	0.4	12
67	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
68	Transmission of Zearalenone, Deoxynivalenol, and Their Derivatives from Sows to Piglets during Lactation. Toxins, 2021, 13, 37.	3.4	12
69	In Vitro Culture of Cryopreserved Caprine Ovarian Tissue Pieces And Isolated Follicles. Cell Preservation Technology, 2006, 4, 290-298.	0.6	11
70	Vitrification of Bovine Ovarian Tissue by the Solid-Surface Vitrification Method. Biopreservation and Biobanking, 2010, 8, 219-221.	1.0	11
71	Comparative study on the in vitro development of caprine and bovine preantral follicles. Small Ruminant Research, 2013, 113, 167-170.	1.2	11
72	Cadmium Modulates Biofilm Formation by Staphylococcus epidermidis. International Journal of Environmental Research and Public Health, 2015, 12, 2878-2894.	2.6	11

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73	Detrimental Effect of Phenol Red on the Vitrification of Cat (Felis catus) Ovarian Tissue. Biopreservation and Biobanking, 2016, 14, 17-22.	1.0	11
74	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
75	Morphological and morphometrical characterization, and estimation of population of preantral ovarian follicles from senile common squirrel monkey (Saimiri sciureus). Animal Reproduction Science, 2012, 134, 210-215.	1.5	10
76	Seminal coagulation and sperm quality in different social contexts in captive tufted capuchin monkeys (Sapajus apella). American Journal of Primatology, 2017, 79, e22643.	1.7	10
77	Vitrification of domestic cat (Felis catus) ovarian tissue: Effects of three different sugars. Cryobiology, 2018, 83, 97-99.	0.7	10
78	Effects of follicular phase and oocyteâ€“cumulus complexes quality on the protein profile and in vitro oocyte meiosis competence in Cebus apella. Fertility and Sterility, 2010, 93, 1662-1667.	1.0	9
79	Impaired Performance of Broiler Chickens Fed Diets Naturally Contaminated with Moderate Levels of Deoxynivalenol. Toxins, 2021, 13, 170.	3.4	9
80	Adverse Effects of Fusarium Toxins in Ruminants: A Review of In Vivo and In Vitro Studies. Dairy, 2022, 3, 474-499.	2.0	9
81	Effects of IAA in combination with FSH on in vitro culture of ovine preantral follicles. Zygote, 2010, 18, 89-92.	1.1	8
82	Xenotransplantation of goat ovary as an alternative to analyse follicles after vitrification. Reproduction in Domestic Animals, 2019, 54, 216-224.	1.4	8
83	Susceptibility of Broiler Chickens to Deoxynivalenol Exposure via Artificial or Natural Dietary Contamination. Animals, 2021, 11, 989.	2.3	8
84	ConservaÃ§Ã£o de folÃculos prÃ©-antrais bovinos em soluÃ§Ã£o salina 0,9% ou TCM 199. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2007, 59, 591-599.	0.4	8
85	Nutritional interventions to support broiler chickens during Eimeria infection. Poultry Science, 2022, 101, 101853.	3.4	8
86	Vitrification of Ovarian Tissue from Primates and Domestic Ruminants: An Overview. Biopreservation and Biobanking, 2012, 10, 288-294.	1.0	7
87	Embryo production by parthenogenetic activation and fertilization of in vitro matured oocytes from Cebus apella. Zygote, 2013, 21, 162-166.	1.1	7
88	Vitrification of bovine embryos followed by in vitro hatching and expansion. Zygote, 2018, 26, 99-103.	1.1	7
89	Morphology and morphometry of preantral follicles, and immunolocalization of angiogenic factors in ovarian tissue from the neotropical primateSapajus apella. Zygote, 2018, 26, 424-429.	1.1	7
90	Equol: A Microbiota Metabolite Able to Alleviate the Negative Effects of Zearalenone during In Vitro Culture of Ovine Preantral Follicles. Toxins, 2019, 11, 652.	3.4	7

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91	Alternariol disturbs oocyte maturation and preimplantation development. Mycotoxin Research, 2020, 36, 93-101.	2.3	7
92	Effects of longâ€term in vitro exposure of ejaculated boar sperm to zearalenone and Î±â€zearalenol in sperm liquid storage medium. Animal Science Journal, 2013, 84, 28-34.	1.4	6
93	Adaptation of a trap door technique for the recovery of ovarian cortical biopsies from Cebus apella (capuchin monkey). Zygote, 2013, 21, 158-161.	1.1	6
94	Validation of reference genes for ovarian tissue from capuchin monkeys (Cebus apella). Zygote, 2013, 21, 167-171.	1.1	6
95	Imatinib mesylate does not counteract ovarian tissue fibrosis in postnatal rat ovary. Reproductive Biology, 2019, 19, 133-138.	1.9	6
96	InÂvitro exposure of sheep ovarian tissue to the xenoestrogens zearalenone and enterolactone: Effects on preantral follicles. Theriogenology, 2021, 174, 124-130.	2.1	6
97	Morphologic analysis of sperm from two neotropical primate species: comparisons between the squirrel monkeysSaimiri collinsiandSaimiri vanzolinii. Zygote, 2017, 25, 141-148.	1.1	5
98	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
99	Monitoring sexual steroids and cortisol at different stages of the ovarian cycle from two capuchin monkey species: use of non- or less invasive methods than blood sampling. Heliyon, 2019, 5, e02166.	3.2	5
100	In vitro assays for evaluating phytate degradation in nonâ€ruminants: chances and limitations. Journal of the Science of Food and Agriculture, 2021, 101, 3117-3122.	3.5	5
101	Cryosurvival after exposure of IVF-derived Nellore embryos to different cryoprotectants and exposure times during vitrification. Cryobiology, 2018, 84, 95-97.	0.7	4
102	Betaine-loaded CaCO3 microparticles improve survival of vitrified feline preantral follicles through higher mitochondrial activity and decreased reactive oxygen species. Reproduction, Fertility and Development, 2020, 32, 531.	0.4	4
103	Effect of different extracts and fractions of Senecio biafrae (Oliv. &Hiern) J. Moore on in vivo and in vitro parameters of folliculogenesis in experimental animals. Journal of Ethnopharmacology, 2020, 251, 112571.	4.1	4
104	Interference of fixatives and fixation period on the morphologic analysis of ovarian preantral follicles. Zygote, 2022, 30, 144-147.	1.1	4
105	Advances in in vitro folliculogenesis in domestic ruminants. Animal Reproduction, 2020, 16, 52-65.	1.0	4
106	Eugenol Improves Follicular Survival and Development During in vitro Culture of Goat Ovarian Tissue. Frontiers in Veterinary Science, 2022, 9, 822367.	2.2	4
107	Population estimate and morphometry of ovarian preantral follicles from three recently recognized squirrel monkey species: a comparative study. Zygote, 2017, 25, 279-287.	1.1	3
108	Extender supplementation with catalase maintains the integrity of sperm plasma membrane after freezingâ€“thawing of semen from capuchin monkey. Zygote, 2017, 25, 231-234.	1.1	3

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109	The effects of Trolox on the quality of sperm from captive squirrel monkey during liquefaction in the extender ACP-118â„¢. Zygote, 2018, 26, 333-335.	1.1	3
110	Effect of different dietary levels of corn naturally contaminated with DON and its derivatives 3+15 Ac-DON and DON-3-glucoside on the performance of broilers. Heliyon, 2020, 6, e05257.	3.2	3
111	Susceptibility of Oocytes from Gilts and Sows to Beauvericin and Deoxynivalenol and Its Relationship with Oxidative Stress. Toxins, 2021, 13, 260.	3.4	3
112	Viability of oocytes and granulosa cells from cryopreserved ovine ovarian primordial, primary and secondary follicles. Small Ruminant Research, 2011, 99, 203-207.	1.2	2
113	ABC Transporters in the Eyes of Dogs and Implications in Drug Therapy. Current Eye Research, 2013, 38, 271-277.	1.5	2
114	Mitotic index and morphological characteristics of ovarian small follicles from goats submitted to nutritionally unbalanced regimens. Zygote, 2017, 25, 567-574.	1.1	2
115	Epididymal tail solid-surface vitrification as an effective method for domestic cat sperm cryobanking. Zygote, 2021, 29, 1-7.	1.1	2
116	The Ability of an Algoclay-Based Mycotoxin Decontaminant to Decrease the Serum Levels of Zearalenone and Its Metabolites in Lactating Sows. Frontiers in Veterinary Science, 2021, 8, 704796.	2.2	2
117	Induction of gut leakage in young broiler chickens fed a diet with low rye inclusion. Heliyon, 2021, 7, e08547.	3.2	2
118	Unilateral ovarian absence in two capuchin monkeys. Journal of Medical Primatology, 2011, 40, 37-40.	0.6	1
119	B-mode ultrasonographic evaluation of long bones in Falconiformes and Strigiformes birds. Avian Pathology, 2018, 47, 625-629.	2.0	1
120	Micromorphological and ultrastructural description of spermatozoa from squirrel monkeys (Saimiri collinsi Osgood, 1916). Zygote, 2020, 28, 203-207.	1.1	1
121	Morphological and ultrastructural changes in seminal coagulum of the squirrel monkey (Saimiri) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.5	1
122	The use of anogenital distance as a nonâ€invasive predictor of seminal quality in captive squirrel monkey (Saimiri collinsi Osgood 1961). Journal of Medical Primatology, 2021, 50, 299-305.	0.6	1
123	Effects of in vitro exposure of sheep ovarian tissue to zearalenone and matairesinol on preantral follicles. Zygote, 2021, , 1-4.	1.1	1
124	Unilateral ovarian absence in a Blackâ€headed Squirrel Monkey (Saimiri vanzolinii Ayres, 1985), a threatened neotropical primate species. Journal of Medical Primatology, 2017, 46, 87-89.	0.6	0
125	Vitrification of Ovarian Tissue from Non-Human Primates. Acta Scientiae Veterinariae, 2017, 45, 13.	0.2	0
126	Managing embryonic and calves losses after twin pregnancies induced by transfer of in vitro-produced Nellore embryos. Zygote, 2020, 28, 333-336.	1.1	0

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127	Diet supplementation with fish broth in early life improves bone development and growth of scarlet ibis (Eudocimus ruber). Avian Biology Research, 2021, 14, 69-75.	0.9	0