

Carolina M Lucci

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.

80
papers

1,798
citations

27
h-index

39
g-index

86
ext. papers

2,008
ext. citations

2.5
avg, IF

4.33
L-index

#	Paper	IF	Citations
80	Metabolic activity in cryopreserved and grafted ovarian tissue using high-resolution respirometry. <i>Scientific Reports</i> , 2021 , 11, 21517	4.9	1
79	Initial steps on mapping differentially expressed proteins in bovine preantral follicles and ovarian tissue: An approach using single-follicle MALDI-MS and mass spectrometry imaging (MSI) analysis. <i>Reproduction in Domestic Animals</i> , 2021 , 57, 19	1.6	1
78	Acute reproductive toxicology after intratesticular injection of silver nanoparticles (AgNPs) in Wistar rats. <i>Nanotoxicology</i> , 2020 , 14, 893-907	5.3	7
77	Heat stress effects on sheep: Are hair sheep more heat resistant?. <i>Theriogenology</i> , 2020 , 155, 157-167	2.8	14
76	Investigation on revascularization time and initial damage after transplantation of fresh and cryopreserved ovarian tissue in domestic cats. <i>Cell and Tissue Banking</i> , 2020 , 21, 303-312	2.2	1
75	Evaluation of reproductive parameters in male Neotropical bats during dry and rainy months in a specific area of the Cerrado biome. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2020 , 49, 307-314	1.1	1
74	Photodynamic therapy for cutaneous hemangiosarcoma in dogs. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019 , 27, 39-43	3.5	8
73	Improved functional oocyte enucleation by actinomycin D for bovine somatic cell nuclear transfer. <i>Reproduction, Fertility and Development</i> , 2019 ,	1.8	5
72	Bovine somatic cell nuclear transfer using mitomycin C-mediated chemical oocyte enucleation. <i>Zygote</i> , 2019 , 27, 137-142	1.6	1
71	Cryopreservation of Human Ovarian Tissue: A Review. <i>Transfusion Medicine and Hemotherapy</i> , 2019 , 46, 173-181	4.2	55
70	Function of Cryopreserved Cat Ovarian Tissue after Autotransplantation. <i>Animals</i> , 2019 , 9,	3.1	2
69	Cryopreservation and characterization of canine preantral follicles. <i>Cryobiology</i> , 2018 , 81, 34-42	2.7	4
68	In vivo evaluation of the efficacy, toxicity and biodistribution of PLGA-DMSA nanoparticles loaded with itraconazole for treatment of paracoccidiodomycosis. <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 45, 135-141	4.5	7
67	In vitro exposure of bull sperm cells to DMSA-coated maghemite nanoparticles does not affect cell functionality or structure. <i>International Journal of Hyperthermia</i> , 2018 , 34, 415-422	3.7	9
66	Restoration of fresh cat ovarian tissue function by autografting to subcutaneous tissue: A pilot study. <i>Theriogenology</i> , 2018 , 105, 97-106	2.8	3
65	Cat ovarian follicle ultrastructure after cryopreservation with ethylene glycol and dimethyl sulfoxide. <i>Cryobiology</i> , 2018 , 83, 9-14	2.7	6
64	Nanomedicine for cutaneous tumors - lessons since the successful treatment of the Kaposi sarcoma. <i>Nanomedicine</i> , 2018 , 13, 2957-2959	5.6	5

63	Evaluation of a new freezing protocol containing 20% dimethyl sulphoxide concentration to cryopreserve human ovarian tissue. <i>Reproductive BioMedicine Online</i> , 2018 , 37, 653-665	4	15
62	Further insights into the impact of mouse follicle stage on graft outcome in an artificial ovary environment. <i>Molecular Human Reproduction</i> , 2017 , 23, 381-392	4.4	16
61	Photodynamic therapy mediated by acai oil (<i>Euterpe oleracea</i> Martius) in nanoemulsion: A potential treatment for melanoma. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017 , 166, 301-310	6.7	53
60	Evaluation of ovarian structures using computerized microtomography. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017 , 89, 2131-2139	1.4	4
59	Culture of domestic cat ovarian tissue in vitro and in the chick embryo chorioallantoic membrane. <i>Theriogenology</i> , 2016 , 86, 1774-81	2.8	11
58	Impact of feeding cottonseed coproducts on reproductive system of male sheep during peripubertal period. <i>Scientia Agricola</i> , 2016 , 73, 489-497	2.5	3
57	Effects of testicle insulation on seminal traits in rams: Preliminary study. <i>Small Ruminant Research</i> , 2015 , 130, 157-165	1.7	18
56	Laser and thermographic infrared temperatures associated with heat tolerance in adult rams. <i>Small Ruminant Research</i> , 2015 , 132, 86-91	1.7	5
55	Production traits in F1 and F2 crosses with naturalized hair breed Santa Inês ewes. <i>SpringerPlus</i> , 2014 , 3, 66		2
54	Ultrastructural changes in oocytes during folliculogenesis in domestic mammals. <i>Journal of Ovarian Research</i> , 2014 , 7, 102	5.5	24
53	Influence of nanostructure composition on its morphometric characterization by different techniques. <i>Microscopy Research and Technique</i> , 2014 , 77, 691-6	2.8	3
52	Experimental Investigation of the Coprecipitation Method: An Approach to Obtain Magnetite and Maghemite Nanoparticles with Improved Properties. <i>Journal of Nanomaterials</i> , 2014 , 2014, 1-10	3.2	57
51	Morphology, sex ratio and gene expression of day 14 in vivo and in vitro bovine embryos. <i>Reproduction, Fertility and Development</i> , 2013 , 25, 600-8	1.8	11
50	Interaction between keratinocyte growth factor-1 and kit ligand on the goat preantral follicles cultured in vitro. <i>Small Ruminant Research</i> , 2013 , 114, 112-119	1.7	11
49	Post-hatching development of in vitro bovine embryos from day 7 to 14 in vivo versus in vitro. <i>Molecular Reproduction and Development</i> , 2013 , 80, 936-47	2.6	26
48	New approach to improve encapsulation and antitumor activity of doxorubicin loaded in solid lipid nanoparticles. <i>European Journal of Pharmaceutical Sciences</i> , 2013 , 48, 282-90	5.1	74
47	Cytoskeleton structure, pattern of mitochondrial activity and ultrastructure of frozen or vitrified sheep embryos. <i>Cryobiology</i> , 2013 , 67, 137-45	2.7	38
46	Limb immobilization alters functional electrophysiological parameters of sciatic nerve. <i>Brazilian Journal of Medical and Biological Research</i> , 2013 , 46, 715-21	2.8	12

45	Ultrastructural characteristics of sheep oocytes during in vitro maturation (IVM). <i>Small Ruminant Research</i> , 2012 , 105, 210-215	1.7	11
44	Alteration of DNA demethylation dynamics by in vitro culture conditions in rabbit pre-implantation embryos. <i>Epigenetics</i> , 2012 , 7, 440-6	5.7	42
43	Anti-CEA loaded maghemite nanoparticles as a theragnostic device for colorectal cancer. <i>International Journal of Nanomedicine</i> , 2012 , 7, 5271-82	7.3	24
42	Post-hatching development of bovine embryos in vitro: the effects of tunnel preparation and gender. <i>Zygote</i> , 2012 , 20, 123-34	1.6	10
41	Aluminum-chloride-phthalocyanine encapsulated in liposomes: activity against naturally occurring dog breast cancer cells. <i>Journal of Biomedical Nanotechnology</i> , 2012 , 8, 251-7	4	30
40	Ultrastructural characterization of porcine oocytes and adjacent follicular cells during follicle development: lipid component evolution. <i>Theriogenology</i> , 2011 , 76, 1647-57	2.8	28
39	Freezing solution containing dimethylsulfoxide and fetal calf serum maintains survival and ultrastructure of goat preantral follicles after cryopreservation and in vitro culture of ovarian tissue. <i>Cell and Tissue Research</i> , 2011 , 346, 283-92	4.2	17
38	Dynamics of DNA methylation levels in maternal and paternal rabbit genomes after fertilization. <i>Epigenetics</i> , 2011 , 6, 987-93	5.7	36
37	Glycerol, methyl-formamide and dimethyl-formamide in canine semen cryopreservation. <i>Reproduction in Domestic Animals</i> , 2010 , 45, 214-20	1.6	26
36	Avaliaço histolgica dos testculos de ovinos da ra Santa In nascidos em diferentes estas do ano. <i>Ciencia Rural</i> , 2010 , 40, 366-372	1.3	2
35	Morphology, morphometry and ultrastructure of the Amazonian manatee (Sirenia: Trichechidae) spermatozoa. <i>Zoologia</i> , 2010 , 27, 1014-1017	2	3
34	Morphometry, estimation and ultrastructure of ovarian preantral follicle population in queens. <i>Cells Tissues Organs</i> , 2010 , 191, 152-60	2.1	16
33	Cryopreservation of swine ovarian tissue: effect of different cryoprotectants on the structural preservation of preantral follicle oocytes. <i>Cryobiology</i> , 2009 , 59, 195-200	2.7	50
32	Diferentes origens do Hormnio Folculo Estimulante (FSH) influenciam a viabilidade e o desenvolvimento de folculos prantrais caprinos. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2009 , 46, 378	0.3	17
31	Growth and differentiation factor-9 stimulates activation of goat primordial follicles in vitro and their progression to secondary follicles. <i>Reproduction, Fertility and Development</i> , 2008 , 20, 916-24	1.8	60
30	Cryopreservation of sheep primordial follicles. <i>Reproduction in Domestic Animals</i> , 2007 , 42, 53-7	1.6	13
29	Effects of storing pig ovaries at 4 or 20 degrees C for different periods of time on the morphology and viability of pre-antral follicles. <i>Reproduction in Domestic Animals</i> , 2007 , 42, 76-82	1.6	11
28	Effects of fibroblast growth factor-2 on the in vitro culture of caprine preantral follicles. <i>Cells Tissues Organs</i> , 2007 , 186, 112-20	2.1	34

27	Essential role of follicle stimulating hormone in the maintenance of caprine preantral follicle viability in vitro. <i>Zygote</i> , 2007 , 15, 173-82	1.6	81
26	In Vitro Culture of Cryopreserved Caprine Ovarian Tissue Pieces And Isolated Follicles. <i>Cell Preservation Technology</i> , 2006 , 4, 290-298		10
25	Histological and ultrastructural analysis of cryopreserved sheep preantral follicles. <i>Animal Reproduction Science</i> , 2006 , 91, 249-63	2.1	46
24	Permeability of ovine primordial follicles to different cryoprotectants. <i>Fertility and Sterility</i> , 2006 , 85 Suppl 1, 1077-81	4.8	20
23	Características corporais associadas com a adaptação ao calor em bovinos naturalizados brasileiros. <i>Pesquisa Agropecuaria Brasileira</i> , 2006 , 41, 1443-1448	1.8	38
22	Light microscopical and ultrastructural characterization of black howler monkey (<i>Alouatta caraya</i>) ovarian follicles. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , 2006 , 35, 196-201	1.1	9
21	Estado de nascimento e puberdade em cordeiros Santa Inês. <i>Revista Brasileira De Zootecnia</i> , 2006 , 35, 958-966	1.2	13
20	Morphometric and ultrastructural characterization of <i>Bos indicus</i> preantral follicles. <i>Animal Reproduction Science</i> , 2005 , 87, 45-57	2.1	24
19	Cryopreservation and short-term culture of isolated caprine primordial follicles. <i>Small Ruminant Research</i> , 2005 , 56, 103-111	1.7	16
18	Cryopreservation of caprine ovarian tissue using glycerol and ethylene glycol. <i>Theriogenology</i> , 2004 , 61, 1009-24	2.8	31
17	Effect of different cryoprotectants on the structural preservation of follicles in frozen zebu bovine (<i>Bos indicus</i>) ovarian tissue. <i>Theriogenology</i> , 2004 , 61, 1101-14	2.8	52
16	Morphological and ultrastructural analysis of sheep primordial follicles preserved in 0.9% saline solution and TCM 199. <i>Theriogenology</i> , 2004 , 62, 65-80	2.8	16
15	Cryopreservation of caprine ovarian tissue using dimethylsulphoxide and propanediol. <i>Animal Reproduction Science</i> , 2004 , 84, 211-27	2.1	54
14	Effects of lowered temperatures and media on short-term preservation of zebu (<i>Bos indicus</i>) preantral ovarian follicles. <i>Theriogenology</i> , 2004 , 61, 461-72	2.8	27
13	Degeneration rate of preantral follicles in the ovaries of goats. <i>Small Ruminant Research</i> , 2002 , 43, 203-209		28
12	A double-coated magnetite-based magnetic fluid evaluation by cytometry and genetic tests. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 252, 396-398	2.8	33
11	Zebu (<i>Bos indicus</i>) ovarian preantral follicles: morphological characterization and development of an efficient isolation method. <i>Theriogenology</i> , 2002 , 57, 1467-83	2.8	33
10	Light microscopical and ultrastructural characterization of goat preantral follicles. <i>Small Ruminant Research</i> , 2001 , 41, 61-69	1.7	54

9	Effect of Braun-Collins and saline solutions at different temperatures and incubation times on the quality of goat preantral follicles preserved in situ. <i>Animal Reproduction Science</i> , 2001 , 66, 195-208	2.1	15
8	Morphological and ultrastructural changes occurring during degeneration of goat preantral follicles preserved in vitro. <i>Animal Reproduction Science</i> , 2001 , 66, 209-23	2.1	19
7	Effect of sectioning on the number of isolated ovine preantral follicles. <i>Small Ruminant Research</i> , 2000 , 37, 269-277	1.7	14
6	Quantitative and qualitative analysis of the effectiveness of a mechanical method for the isolation of preantral follicles from ovine ovaries. <i>Theriogenology</i> , 2000 , 53, 1251-62	2.8	45
5	Effect of coconut water and Braun-Collins solutions at different temperatures and incubation times on the morphology of goat preantral follicles preserved in vitro. <i>Theriogenology</i> , 2000 , 54, 809-22	2.8	49
4	Effect of the interval of serial sections of ovarian tissue in the tissue chopper on the number of isolated caprine preantral follicles. <i>Animal Reproduction Science</i> , 1999 , 56, 39-49	2.1	59
3	Study of preantral follicle population in situ and after mechanical isolation from caprine ovaries at different reproductive stages. <i>Animal Reproduction Science</i> , 1999 , 56, 223-36	2.1	62
2	Isolamento mecânico de folículos ovarianos preantrais em cabras. <i>Ciencia Rural</i> , 1998 , 28, 477-482	1.3	6
1	Histologia da Cavidade Oral 215-226		