

Marcelo Seneda

List of Publications by Year in descending order

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112
papers

1,849
citations

346980

22
h-index

355658

38
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112
all docs

112
docs citations

112
times ranked

1385
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of embryo yield and pregnancy rate between in vivo and in vitro methods in the same Nelore (<i>Bos indicus</i>) donor cows. <i>Theriogenology</i> , 2009, 71, 690-697.	0.9	157
2	Large-scale in vitro embryo production and pregnancy rates from <i>Bos taurus</i> , <i>Bos indicus</i> , and <i>indicus-taurus</i> dairy cows using sexed sperm. <i>Theriogenology</i> , 2010, 74, 1349-1355.	0.9	130
3	Ovum pick up, in vitro embryo production, and pregnancy rates from a large-scale commercial program using Nelore cattle (<i>Bos indicus</i>) donors. <i>Theriogenology</i> , 2011, 75, 1640-1646.	0.9	118
4	Relationship between follicle size and ultrasound-guided transvaginal oocyte recovery. <i>Animal Reproduction Science</i> , 2001, 67, 37-43.	0.5	101
5	Antral Follicle Populations and Embryo Production “ <i>In Vitro</i> ” and “ <i>In Vivo</i> ” of <i>Bos indicus-taurus</i> Donors from Weaning to Yearling Ages. <i>Reproduction in Domestic Animals</i> , 2014, 49, 228-232.	0.6	63
6	Estimate of the population of preantral follicles in the ovaries of <i>Bos taurus indicus</i> and <i>Bos taurus taurus</i> cattle. <i>Theriogenology</i> , 2011, 76, 1051-1057.	0.9	53
7	Pre- and Postimplantation Development of Swine-Cloned Embryos Derived from Fibroblasts and Bone Marrow Cells after Inhibition of Histone Deacetylases. <i>Cellular Reprogramming</i> , 2010, 12, 85-94.	0.5	52
8	Cryosurvival and pregnancy rates after exposure of IVF-derived <i>Bos indicus</i> embryos to forskolin before vitrification. <i>Theriogenology</i> , 2013, 80, 372-377.	0.9	52
9	A new direct transfer protocol for cryopreserved IVF embryos. <i>Theriogenology</i> , 2016, 85, 1147-1151.	0.9	51
10	Pregnancy rate and birth rate of calves from a large-scale IVF program using reverse-sorted semen in <i>Bos indicus</i> , <i>Bos indicus-taurus</i> , and <i>Bos taurus</i> cattle. <i>Theriogenology</i> , 2014, 81, 696-701.	0.9	50
11	High numbers of antral follicles are positively associated with in vitro embryo production but not the conception rate for FTAI in Nelore cattle. <i>Animal Reproduction Science</i> , 2016, 165, 17-21.	0.5	45
12	Ovarian follicular dynamics and conception rate in <i>Bos indicus</i> cows with different antral follicle counts subjected to timed artificial insemination. <i>Animal Reproduction Science</i> , 2018, 188, 170-177.	0.5	43
13	Improvement of development of equine preantral follicles after 6 days of in vitro culture with ascorbic acid supplementation. <i>Theriogenology</i> , 2015, 84, 750-755.	0.9	38
14	Asynchronous embryo transfer as a tool to understand embryo-uterine interaction in cattle: is a large conceptus a good thing?. <i>Reproduction, Fertility and Development</i> , 2016, 28, 1999.	0.1	37
15	Use of sexed sorted semen for fixed-time artificial insemination or fixed-time embryo transfer of in vitro produced embryos in cattle. <i>Theriogenology</i> , 2016, 86, 888-893.	0.9	34
16	Interactions of indole acetic acid with EGF and FSH in the culture of ovine preantral follicles. <i>Theriogenology</i> , 2005, 64, 1104-1113.	0.9	32
17	Developmental regulation of histone H3 methylation at lysine 4 in the porcine ovary. <i>Reproduction</i> , 2008, 135, 829-838.	1.1	29
18	Correlation between phenotype, genotype and antral follicle population in beef heifers. <i>Theriogenology</i> , 2017, 91, 21-26.	0.9	27

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19	Mitofusin1 is required for oocyte growth and communication with follicular somatic cells. <i>FASEB Journal</i> , 2020, 34, 7644-7660.	0.2	27
20	Improvement in embryo recovery using double uterine flushing. <i>Theriogenology</i> , 2005, 63, 1249-1255.	0.9	25
21	Effects of ascorbic acid on in vitro culture of bovine preantral follicles. <i>Zygote</i> , 2012, 20, 379-388.	0.5	25
22	Improvement of bovine in vitro embryo production by ovarian follicular wave synchronization prior to ovum pick-up. <i>Theriogenology</i> , 2018, 117, 57-60.	0.9	25
23	Relationships between antral follicle count, body condition, and pregnancy rates after timed-AI in <i>Bos indicus</i> cattle. <i>Theriogenology</i> , 2019, 136, 10-14.	0.9	23
24	Influence of category-heifers, primiparous and multiparous lactating cows in a large-scale resynchronization fixed-time artificial insemination program. <i>Journal of Veterinary Science</i> , 2015, 16, 367.	0.5	22
25	Effect of holding medium, temperature and time on structural integrity of equine ovarian follicles during the non-breeding season. <i>Theriogenology</i> , 2012, 78, 731-736.	0.9	20
26	Ovarian follicular dynamics, progesterone concentrations, pregnancy rates and transcriptional patterns in <i>Bos indicus</i> females with a high or low antral follicle count. <i>Scientific Reports</i> , 2020, 10, 19557.	1.6	20
27	Ovarian antral follicle populations and embryo production in cattle. <i>Animal Reproduction</i> , 2018, 15, 310-315.	0.4	20
28	Comparison of Antral and Preantral Ovarian Follicle Populations Between <i>Bos indicus</i> and <i>Bos indicus</i> × <i>Bos taurus</i> Cows with High or Low Antral Follicles Counts. <i>Reproduction in Domestic Animals</i> , 2014, 49, 48-51.	0.6	19
29	Effect of breed on testicular blood flow dynamics in bulls. <i>Theriogenology</i> , 2018, 118, 16-21.	0.9	19
30	Oocyte mitochondria: role on fertility and disease transmission. <i>Animal Reproduction</i> , 2018, 15, 231-238.	0.4	19
31	Resynchronization of estrous cycle with eCG and temporary calf removal in lactating <i>Bos indicus</i> cows. <i>Theriogenology</i> , 2013, 80, 619-623.	0.9	17
32	Dynamics of follicular growth and progesterone concentrations in cyclic and anestrous suckling Nelore cows (<i>Bos indicus</i>) treated with progesterone, equine chorionic gonadotropin, or temporary calf removal. <i>Theriogenology</i> , 2014, 81, 651-656.	0.9	17
33	Alpha lipoic acid (ALA) effects on developmental competence of equine preantral follicles in short-term culture. <i>Theriogenology</i> , 2018, 105, 169-173.	0.9	17
34	Molecular characteristics of granulosa and cumulus cells and oocyte competence in Nelore cows with low and high numbers of antral follicles. <i>Reproduction in Domestic Animals</i> , 2018, 53, 921-929.	0.6	17
35	Developmental Block and Programmed Cell Death in <i>Bos indicus</i> Embryos: Effects of Protein Supplementation Source and Developmental Kinetics. <i>PLoS ONE</i> , 2015, 10, e0119463.	1.1	17
36	Intensive use of IVF by large-scale dairy programs. <i>Animal Reproduction</i> , 2019, 16, 394-401.	0.4	16

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37	<sc>MALDI</sc> MS Lipid Profiles of Oocytes Recovered by Ovum Pickup from <i>Bos indicus</i> and 1/2 <i>indicus</i> - <i>taurus</i> with High vs Low Oocyte Yields. Reproduction in Domestic Animals, 2014, 49, 711-718.	0.6	15
38	Acetylation and methylation profiles of H3K27 in porcine embryos cultured <i>in vitro</i>. Zygote, 2017, 25, 575-582.	0.5	15
39	Cumulus-oocyte interactions and programmed cell death in bovine embryos produced <i>in vitro</i>. Theriogenology, 2019, 126, 81-87.	0.9	15
40	Follicular wave synchronization prior to ovum pick-up. Theriogenology, 2020, 150, 180-185.	0.9	14
41	Pregnancy Rates to Fixed Embryo Transfer of Vitrified <sc>IVP</sc> <i>Bos indicus</i>, <i>Bos taurus</i> or <i>Bos indicus</i> - <i>Bos taurus</i> Embryos. Reproduction in Domestic Animals, 2015, 50, 807-811.	0.6	13
42	Synchronization of stage of follicle development before OPU improves embryo production in cows with large antral follicle counts. Animal Reproduction Science, 2020, 221, 106601.	0.5	13
43	Population estimate of the preantral follicles and frequency of multioocyte follicles in prepubertal and adult bitches. Theriogenology, 2015, 83, 1015-1020.	0.9	12
44	In vitro culture supplementation of EGF for improving the survival of equine preantral follicles. In Vitro Cellular and Developmental Biology - Animal, 2018, 54, 687-691.	0.7	12
45	Efficacy of linear and convex transducers for ultrasound-guided transvaginal follicle aspiration. Theriogenology, 2003, 59, 1435-1440.	0.9	11
46	Influence of follicle-stimulating hormone concentrations on the integrity and development of bovine follicles cultured in vitro. Zygote, 2018, 26, 417-423.	0.5	11
47	Taxa de prenhez de vacas Nelore lactantes tratadas com progesterona associada à remoção temporária de bezerras ou aplicação de gonadotrofina coriônica eqüina. Revista Brasileira De Zootecnia, 2007, 36, 1288-1294.	0.3	11
48	Effects of progestagen exposure duration on estrus synchronization and conception rates of crossbreed ewes undergoing fixed time artificial insemination. Journal of Veterinary Science, 2014, 15, 433.	0.5	10
49	Intensified use of TAI and sexed semen on commercial farms. Animal Reproduction, 2018, 15, 197-203.	0.4	10
50	Regional distribution and integrity of equine ovarian preantral follicles. Reproduction in Domestic Animals, 2017, 52, 836-841.	0.6	9
51	Scrotal skin thickness, testicular shape and vascular perfusion using Doppler ultrasonography in bulls. Livestock Science, 2019, 226, 61-65.	0.6	9
52	Ultrastructure of Sheep Primordial Follicles Cultured in the Presence of Indol Acetic Acid, EGF, and FSH. Veterinary Medicine International, 2011, 2011, 1-7.	0.6	8
53	The correlation between the number of antral follicles and ovarian reserves (preantral follicles) in purebred <i>Bos indicus</i> and <i>Bos taurus</i> cows. Animal Reproduction Science, 2014, 151, 119-125.	0.5	8
54	Effect of Deslorelin and/or Human Chorionic Gonadotropin on Inducing Ovulation in Mares During the Transition Period Versus Ovulatory Season. Journal of Equine Veterinary Science, 2014, 34, 1140-1142.	0.4	8

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55	Impact of the antioxidant quercetin on morphological integrity and follicular development in the in vitro culture of <i>Bos indicus</i> female ovarian fragments. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2021, 57, 856-864.	0.7	8
56	The development and integrity of equine preantral follicles cultured in vitro with follicle-stimulating hormone (FSH) supplementation. <i>Reproduction in Domestic Animals</i> , 2017, 52, 899-904.	0.6	7
57	Proliferative activity of multi-oocyte follicles in sheep ovaries. <i>Small Ruminant Research</i> , 2017, 146, 58-60.	0.6	7
58	Follicular dynamics, luteal characteristics, and progesterone concentrations in synchronized lactating Holstein cows with high and low antral follicle counts. <i>Theriogenology</i> , 2022, 179, 223-229.	0.9	7
59	Comparison of Synthetic Oviductal Fluid and G1/G2 Medium under Low Oxygen Atmosphere on Embryo Production and Pregnancy Rates in Nelore (<i>Bos indicus</i>) Cattle. <i>Reproduction in Domestic Animals</i> , 2013, 48, e7-9.	0.6	6
60	Fixed-time artificial insemination using injectable progesterone: ovarian follicular dynamics and pregnancy rates of Nelore cows (<i>Bos indicus</i>) with and without a corpus luteum. <i>Semina:Ciencias Agrarias</i> , 2013, 34, 3867.	0.1	6
61	Ovarian follicular dynamics of Nelore (<i>Bos indicus</i>) cows subjected to a fixed-time artificial insemination protocol with injectable progesterone. <i>Semina:Ciencias Agrarias</i> , 2013, 34, 3859.	0.1	6
62	Influence of cAMP modulator supplementation of in vitro culture medium on <i>Bos taurus indicus</i> embryos. <i>Theriogenology</i> , 2020, 141, 134-141.	0.9	6
63	Efeito do tipo de fixador e tempo de fixação na morfologia de folículos pré-antrais equinos. <i>Semina:Ciencias Agrarias</i> , 2016, 37, 243.	0.1	6
64	Comparaçãõ das taxas de prenhez entre receptoras com corpos lúteos cavitários ou compactos após protocolo de sincronizaçãõ com cloprostenol ou transferênciã de embriões em tempo fixo. <i>Semina:Ciencias Agrarias</i> , 2006, 27, 657.	0.1	6
65	Incremento na obtençãõ de oócitos em novilhas Nelore (<i>Bos taurus indicus</i>) tratadas com progesterona injetável e benzoato de estradiol. <i>Semina:Ciencias Agrarias</i> , 2010, 31, 163.	0.1	5
66	Evidences of Regular Estrous Cycles in Mules and Successful Use of These Animals as Recipients for Donkey Embryos. <i>Journal of Equine Veterinary Science</i> , 2015, 35, 869-872.	0.4	5
67	Influence of age and ovarian antral follicle count on the reproductive characteristics of embryo donor mares. <i>Veterinary Record</i> , 2020, 186, 564-564.	0.2	5
68	Culture of preantral ovarian follicles of <i>Bos taurus indicus</i> with alpha-lipoic acid. <i>Zygote</i> , 2022, 30, 206-212.	0.5	5
69	Injectable progesterone in timed artificial insemination programs in beef cows. <i>Animal Reproduction</i> , 2017, 15, 17-22.	0.4	5
70	Immunolocalization of BRG1/SWI/SNF protein during folliculogenesis in the porcine ovary. <i>Zygote</i> , 2012, 20, 243-248.	0.5	4
71	In vitro embryo production in sheep: Pregnancy after long periods of oocyte and embryo transport. <i>Small Ruminant Research</i> , 2012, 105, 286-289.	0.6	4
72	Evaluation of pregnancy rates of <i>Bos indicus</i> cows subjected to different synchronization ovulation protocols using injectable progesterone or an intravaginal device. <i>Semina:Ciencias Agrarias</i> , 2016, 37, 4149.	0.1	4

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73	Proliferative activity of oocytes in multi-oocyte follicles of bovine ovary. <i>Semina:Ciencias Agrarias</i> , 2017, 38, 3591.	0.1	4
74	Characteristic MALDI-MS lipid profiles of Gir, Holstein and crossbred (Gir x Holstein) oocytes recovered by ovum pick-up. <i>Livestock Science</i> , 2021, 243, 104380.	0.6	4
75	Growth and Differentiation Factor-9 Supplementation Affects Viability and Morphology of Preantral Follicles in Equine Ovarian Fragments During Short-term in vitro Culture. <i>Brazilian Archives of Biology and Technology</i> , 0, 62, .	0.5	4
76	Efeito da concentra��o de �cido 3-indol-ac�tico na ativa��o e crescimento in vitro de fol�culos pr�-antrais ovinos. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2005, 57, 334-339.	0.1	4
77	Follicular development, morphological integrity, and oxidative stress in bovine preantral follicles cultured in vitro with ascorbic acid. <i>Zygote</i> , 2021, , 1-7.	0.5	4
78	Ultrastructural analysis of bovine oocytes from ovarian follicles with different diameters. <i>Semina:Ciencias Agrarias</i> , 2011, 32, 1575-1582.	0.1	3
79	Improvement on the efficiency of doses per conception by using a semen extender in timed artificial insemination. <i>Livestock Science</i> , 2019, 221, 77-81.	0.6	3
80	Infrared thermography and Doppler ultrasonography to evaluate the effects of scrotal insulation on testicular blood flow dynamics in bulls. <i>Semina:Ciencias Agrarias</i> , 2020, 41, 1267.	0.1	3
81	Testicular shape, scrotal skin thickness and testicular artery blood flow changes in bulls of different ages. <i>Reproduction in Domestic Animals</i> , 2021, 56, 1034-1039.	0.6	3
82	Increased antral follicle population and in vitro embryo production in pregnant Holstein. <i>Semina:Ciencias Agrarias</i> , 2021, 42, 2851-2866.	0.1	3
83	Hemodynamic evaluation of the supratesticular artery in bulls. <i>Livestock Science</i> , 2020, 241, 104210.	0.6	3
84	Efeito do tipo de fixador e tempo de fixa��o na morfologia de fol�culos pr�-antrais ovarianos bovinos. <i>Semina:Ciencias Agrarias</i> , 2012, 33, 297-304.	0.1	2
85	Recovery of equine oocytes by scraping of the follicular wall with different specifications of needles and morphological analysis of cumulus oophorus. <i>Semina:Ciencias Agrarias</i> , 2015, 36, 4333.	0.1	2
86	Influence of forskolin supplementation on embryos produced in vitro. <i>Livestock Science</i> , 2019, 221, 15-18.	0.6	2
87	Effect of the antral follicle count of <i>Bos taurus</i> � <i>Bos indicus</i> dairy cows on in vitro embryo production. <i>Semina:Ciencias Agrarias</i> , 0, , 2171-2178.	0.1	2
88	Artificial Insemination Program in Cattle. <i>Sustainable Agriculture Reviews</i> , 2021, , 1-53.	0.6	2
89	Efeito de diferentes n�veis de suplementa��o concentrada sobre o desempenho reprodutivo de vacas leiteiras mantidas a pasto. <i>Semina:Ciencias Agrarias</i> , 2008, 29, 731.	0.1	2
90	Estrus expression and pregnancy rates in heifers primiparous and multiparous Nelore cows subjected to timed artificial insemination with strategic use of gonadotropin-releasing hormone. <i>Semina:Ciencias Agrarias</i> , 2021, 42, 3825-3836.	0.1	2

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91	Efeito de diferentes nveis de concentrado no perodo pr e ps-parto sobre a produo de leite e escore corporal de vacas leiteiras. Semina:Ciencias Agrarias, 2012, 33, 1219-1228.	0.1	2
92	Cell proliferation in ovarian follicles from Bos taurus indicus females with different antral follicle count. Animal Reproduction, 2017, 14, 1307-1311.	0.4	2
93	Effects of a reusable progesterone device on conception rates and estrus cycle re-synchronization in Nelore cows. Semina:Ciencias Agrarias, 2019, 40, 3501.	0.1	2
94	Desempenho reprodutivo de ovelhas mestias lanadas e deslanadas submetidas a protocolo hormonal a base de progestgeno e eCG, durante a contraestao reprodutiva. Semina:Ciencias Agrarias, 2011, 32, 723-732.	0.1	1
95	ALTERNATIVAS PARA SUBSTITUIO DO USO DE IMPLANTES VAGINAIS DE PROGESTERONA NA INSEMINAO ARTIFICIAL EM TEMPO FIXO EM BOVINOS. Revista De Cincia Veterinria E Sade Pblica, 2019, 6, 416-433.	0.3	1
96	Lipid profile of in vitro embryos produced from Bos indicus cows with low and high antral follicle counts. Livestock Science, 2021, 250, 104586.	0.6	1
97	Pregnancy rate evaluation in lactating and non-lactating Nelore cows subjected to fixed-time artificial insemination using injectable progesterone. Semina:Ciencias Agrarias, 2016, 37, 1991.	0.1	1
98	Induction of puberty in Bos indicus heifers in the western Amazon region. Semina:Ciencias Agrarias, 0, , 2153-2162.	0.1	1
99	Evaluation of three classification methods of antral follicle count and fertility to the timed artificial insemination in cattle. Animal Reproduction, 2022, 19, e20210121.	0.4	1
100	In vivo embryo production in bovine donors with low and high antral follicle counts superovulated with low and high FSH doses. Livestock Science, 2022, , 104985.	0.6	1
101	Antral follicle count, productive and reproductive parameters in Bos indicus and Bos indicus-taurus prepubertal heifers with early puberty induction. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2022, 74, 390-398.	0.1	1
102	Effect of follicular diameter, time of first cleavage and H3K4 methylation on embryo production rates of Bos indicus cattle. Semina:Ciencias Agrarias, 2016, 37, 3189.	0.1	0
103	Interval in the replacement of in vitro culture medium affects the integrity and development of equine preantral follicles. Pesquisa Veterinaria Brasileira, 2018, 38, 2284-2288.	0.5	0
104	Synchronization with estradiol benzoate in the presence of the corpus luteum in Wagyu cows increases the number of medium follicles but does not interfere with in vitro production of embryos. Semina:Ciencias Agrarias, 2021, 42, 1147-1158.	0.1	0
105	Genomic and phenotypic analyses of antral follicle count in Aberdeen Angus cows. Livestock Science, 2021, 249, 104534.	0.6	0
106	Ovarian superstimulation with FSH in Wagyu breed bovine donors impacts follicular dynamics but does not improve the amount of embryos. Research, Society and Development, 2021, 10, e165101018811.	0.0	0
107	Evaluation of estradiol benzoate as a pre-treatment for oocyte recovery in sheep. Semina:Ciencias Agrarias, 2013, 34, 3917.	0.1	0
108	Male Embryos Produced in vitro Deviate From Their in vivo Counterparts in Placental Gene Expression on Day 32 of Pregnancy. Frontiers in Animal Science, 2022, 3, .	0.8	0

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109	MAXIMIZING IN VITRO EMBRYO PRODUCTION IN CATTLE. Spermova, 2021, 11, 96-102.	0.1	0
110	Folliculogenesis, Fertility and Biotechnology in Dairy Cattle. , 0, , .		0
111	Anticipation of estrus and ovulation in Nelore heifers with low antral follicle count. Research, Society and Development, 2022, 11, e1211628576.	0.0	0
112	Conception rate according to antral follicle count and oestrus expression in Nelore cows submitted to timed artificial insemination. Animal Production Science, 2022, , .	0.6	0