

Joao Henrique Moreira Viana

List of Publications by Year in descending order

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94
papers

1,544
citations

430442

18
h-index

344852

36
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94
all docs

94
docs citations

94
times ranked

1596
citing authors

#	ARTICLE	IF	CITATIONS
1	Actions of CSF2 and DKK1 on bovine embryo development and pregnancy outcomes are affected by composition of embryo culture medium. <i>Scientific Reports</i> , 2022, 12, 7503.	1.6	8
2	Effect of a single or two doses of an anti-GnRH vaccine on testicle morpho-functional characteristics in Nelore bulls. <i>Tropical Animal Health and Production</i> , 2021, 53, 153.	0.5	4
3	Timing of early resynchronization protocols affects subsequent pregnancy outcome in dairy cows. <i>Theriogenology</i> , 2021, 167, 61-66.	0.9	0
4	Active immunization against GnRH as an alternative therapeutic approach for the management of <i>Bos indicus</i> oocyte donors diagnosed with chronic cystic ovarian disease. <i>Theriogenology</i> , 2021, 172, 133-141.	0.9	0
5	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
6	Early resynchronization of non-pregnant beef cows based in corpus luteum blood flow evaluation 21 days after Timed-AI. <i>Theriogenology</i> , 2020, 146, 26-30.	0.9	17
7	Intraovarian injection of mesenchymal stem cells improves oocyte yield and in vitro embryo production in a bovine model of fertility loss. <i>Scientific Reports</i> , 2020, 10, 8018.	1.6	15
8	The CC-chemokine receptor 2 is involved in the control of ovarian folliculogenesis and fertility lifespan in mice. <i>Journal of Reproductive Immunology</i> , 2020, 141, 103174.	0.8	7
9	Vitrification leads to transcriptomic modifications of mice ovaries that do not affect folliculogenesis progression. <i>Reproductive Biology</i> , 2020, 20, 264-272.	0.9	7
10	Genetic analysis of in-vitro embryo production traits in Dairy Gir cattle. <i>Theriogenology</i> , 2020, 148, 149-161.	0.9	6
11	Short communication: Does previous superovulation affect fertility in dairy heifers?. <i>Journal of Dairy Science</i> , 2020, 103, 10862-10866.	1.4	0
12	Contrasting effects of heat shock during in vitro maturation on development of in vitro fertilized and parthenogenetic bovine embryos. <i>Reproduction in Domestic Animals</i> , 2019, 54, 1357-1365.	0.6	3
13	Bovine epididymal spermatozoa treatment for in vitro fertilization: Heparin accelerates fertilization and enables a reduction in coincubation time. <i>PLoS ONE</i> , 2019, 14, e0209692.	1.1	11
14	Differential gene expression between in vivo and in vitro maturation: a comparative study with bovine oocytes derived from the same donor pool. <i>Jornal Brasileiro De Reproducao Assistida</i> , 2019, 23, 7-14.	0.3	4
15	Vascular and morphological features of the corpus luteum 12 to 20 days after timed artificial insemination in dairy cattle. <i>Journal of Dairy Science</i> , 2019, 102, 5612-5622.	1.4	22
16	Differential expression of LHCGR and its isoforms is associated to the variability in superovulation responses of Gir cattle. <i>Theriogenology</i> , 2019, 126, 68-74.	0.9	4
17	Efficacy and limitations of different approaches to anticipate the diagnosis of pregnancy in cattle. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2019, 71, 1909-1916.	0.1	0
18	Likelihood of pregnancy after the transfer of embryos derived from follicle aspiration and in vitro embryo production sessions with different relative efficiencies. <i>Animal Reproduction Science</i> , 2018, 193, 165-170.	0.5	3

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19	Freezing goat embryos at different developmental stages and quality using ethylene glycol and a slow cooling rate. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2018, 70, 1489-1496.	0.1	18
20	A historical perspective of embryo-related technologies in South America. <i>Animal Reproduction</i> , 2018, 15, 963-970.	0.4	11
21	Intrafollicular oestradiol production, expression of the LH receptor (LHR) gene and its isoforms, and early follicular deviation in <i>Bos indicus</i> . <i>Reproduction, Fertility and Development</i> , 2017, 29, 1958.	0.1	3
22	Safety of vaccination against brucellosis with the rough strain in pregnant cattle. <i>Tropical Animal Health and Production</i> , 2017, 49, 1779-1781.	0.5	6
23	Brazilian embryo industry in context: pitfalls, lessons, and expectations for the future. <i>Animal Reproduction</i> , 2017, 14, 476-481.	0.4	17
24	CURRENT STATUS, EMERGING TECHNOLOGIES, AND TRENDS IN VETERINARY ULTRASONOGRAPHY APPLIED TO CATTLE REPRODUCTION. <i>Spermova</i> , 2017, 7, 85-92.	0.1	0
25	Prostaglandin F2± or estradiol benzoate to induce ovulation in timed artificially inseminated dairy cows. <i>Pesquisa Agropecuaria Brasileira</i> , 2016, 51, 738-744.	0.9	11
26	Ovarian Grafts 10 Days after Xenotransplantation: Folliculogenesis and Recovery of Viable Oocytes. <i>PLoS ONE</i> , 2016, 11, e0158109.	1.1	13
27	Characterization of blood flow and the effects of exogenous estradiol benzoate on residual follicles formed after ultrasound-guided transvaginal follicle aspiration in cattle. <i>Journal of Animal Science and Biotechnology</i> , 2016, 7, 59.	2.1	2
28	Estimation of biometric parameters from cattle rump using free-hand scanning and a 3D data processing algorithm. <i>Virtual and Physical Prototyping</i> , 2016, 11, 167-172.	5.3	6
29	Efficacy of induction of luteolysis in superovulated cows is dependent on time of prostaglandin F2alpha analog treatment: effects on plasma progesterone and luteinizing hormone profiles. <i>Theriogenology</i> , 2016, 86, 934-939.	0.9	7
30	Absence of Sperm Factors as in the Parthenogenesis Does Not Interfere on Bovine Embryo Sensitiveness to Heat Shock at Pre-implantation Stage. <i>Reproduction in Domestic Animals</i> , 2016, 51, 3-9.	0.6	8
31	Weight gain potential affects pregnancy rates in bovine embryo recipients raised under pasture conditions. <i>Tropical Animal Health and Production</i> , 2016, 48, 103-107.	0.5	5
32	Bovine herpesvirus type 1 in cumulus-oocyte complexes collected from naturally infected cows. <i>Pesquisa Agropecuaria Brasileira</i> , 2016, 51, 676-679.	0.9	1
33	Update and overview on assisted reproductive technologies (ARTs) in Brazil. <i>Animal Reproduction</i> , 2016, 13, 300-312.	0.4	25
34	Polymorphisms and alternative splicing of the luteinizing hormone receptor of dairy cattle. <i>Genetics and Molecular Research</i> , 2016, 15, .	0.3	5
35	Endogenous Progesterone Concentrations Affect Progesterone Release from Intravaginal Devices Used for Oestrous Synchronization in Cattle. <i>Reproduction in Domestic Animals</i> , 2015, 50, 692-695.	0.6	1
36	Colour Doppler Ultrasonography as a Tool to Assess Luteal Function in Santa Inês Ewes. <i>Reproduction in Domestic Animals</i> , 2015, 50, 643-650.	0.6	34

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37	Effects of a high-energy diet on oocyte quality and in vitro embryo production in Bos indicus and Bos taurus cows. Journal of Dairy Science, 2015, 98, 3086-3099.	1.4	48
38	Corpus luteum blood flow evaluation on Day 21 to improve the management of embryo recipient herds. Theriogenology, 2015, 84, 237-241.	0.9	30
39	Viable offspring after successful non-surgical embryo transfer in goats. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2014, 66, 613-616.	0.1	14
40	The use of PGF2Î± as ovulatory stimulus for timed artificial insemination in cattle. Theriogenology, 2014, 81, 689-695.	0.9	16
41	Trans-10, cis-12 conjugated linoleic acid reduces neutral lipid content and may affect cryotolerance of in vitro- produced crossbred bovine embryos. Journal of Animal Science and Biotechnology, 2014, 5, 33.	2.1	15
42	Florfenicol associado ou nÃ£o ao cloprostenol no tratamento de retenÃ§Ã£o de placenta em vacas leiteiras. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2014, 66, 305-309.	0.1	0
43	AcurÃ¡cia da ultrassonografia e da avaliaÃ§Ã£o comportamental na determinaÃ§Ã£o das caracterÃsticas funcionais de estruturas ovarianas cÃsticas. Pesquisa Agropecuaria Brasileira, 2014, 49, 823-827.	0.9	0
44	In vivo collection of follicular fluid and granulosa cells from individual follicles of different diameters in cattle by an adapted ovum pick-up system. Reproductive Biology and Endocrinology, 2013, 11, 73.	1.4	11
45	Color Doppler flow imaging for the early detection of nonpregnant cattle at 20 days after timed artificial insemination. Journal of Dairy Science, 2013, 96, 6461-6472.	1.4	78
46	Embryo production and recovery in goats by non-surgical transcervical technique. Small Ruminant Research, 2013, 111, 96-99.	0.6	28
47	Occurrence and characteristics of residual follicles formed after transvaginal ultrasound-guided follicle aspiration in cattle. Theriogenology, 2013, 79, 267-273.	0.9	15
48	Follicular populations, recruitment and atresia in the ovaries of different strains of mice. Reproductive Biology, 2012, 12, 41-55.	0.9	16
49	EFEITO DE DIFERENTES DOSES DE CLOPROSTENOL SÃ“DICO NO PERÃODO PÃ“S-PARTO DE VACAS DE CORTE. Ciencia Animal Brasileira, 2012, 13, .	0.3	2
50	Autoclaved, previously used intravaginal progesterone devices induces estrus and ovulation in anestrus Toggenburg goats. Animal Reproduction Science, 2011, 129, 50-55.	0.5	28
51	Osmotic challenge and expression of aquaporin 3 and Na/K ATPase genes in bovine embryos produced in vitro. Cryobiology, 2011, 63, 256-262.	0.3	34
52	Relative expression of mRNAs related to cavitation process in bovine embryos produced in vivo and in vitro. Revista Brasileira De Zootecnia, 2011, 40, 124-128.	0.3	0
53	Comparison of gene expression in Bos indicus and Bos taurus embryos produced in vivo or in vitro. Livestock Science, 2011, 140, 62-67.	0.6	5
54	Use of ultrasound biomicroscopy to evaluate induced ovarian follicular growth and ovulation in mice. Laboratory Animals, 2011, 45, 254-258.	0.5	6

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55	Assessment of luteal function in goats by ultrasonographic image attribute analysis. <i>Small Ruminant Research</i> , 2010, 94, 176-179.	0.6	13
56	Somatic development and embryo yield in crossbred F1 mice generated by different mating strategies. <i>Brazilian Journal of Biology</i> , 2010, 70, 145-149.	0.4	3
57	Luteal dynamics in goats: morphological and endocrine features. <i>Revista Brasileira De Zootecnia</i> , 2010, 39, 1937-1942.	0.3	11
58	Developmental competence and expression of the MATER and ZAR1 genes in immature bovine oocytes selected by brilliant cresyl blue. <i>Zygote</i> , 2010, 18, 209-216.	0.5	15
59	Effect of oxygen tension and serum during IVM on developmental competence of bovine oocytes. <i>Reproduction, Fertility and Development</i> , 2010, 22, 1074.	0.1	14
60	Ovarian follicular dynamics, follicle deviation, and oocyte yield in Gyr breed (<i>Bos indicus</i>) cows undergoing repeated ovum pick-up. <i>Theriogenology</i> , 2010, 73, 966-972.	0.9	36
61	Gestation length, birth weight and offspring gender ratio of in vitro-produced Gyr (<i>Bos indicus</i>) cattle embryos. <i>Animal Reproduction Science</i> , 2010, 120, 10-15.	0.5	27
62	Quantificação de transcritos maternos em oócitos bovinos submetidos a diferentes condições de maturação. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2010, 62, 1394-1400.	0.1	4
63	Efeito do citrato e taurina em meio CR2aa no desenvolvimento de embriões bovinos fecundados in vitro. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2009, 61, 88-94.	0.1	2
64	Influência do grupo genético, condição sexual e tratamento antiparasitário nas medidas de área de olho do lombo e espessura de gordura in vivo e na carcaça de bovinos de corte. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2009, 61, 676-681.	0.1	8
65	Pregnancy rates and corpus luteum-related factors affecting pregnancy establishment in bovine recipients synchronized for fixed-time embryo transfer. <i>Theriogenology</i> , 2009, 72, 949-958.	0.9	32
66	Interrelationships among morphology, echotexture, and function of the bovine corpus luteum during the estrous cycle. <i>Animal Reproduction Science</i> , 2009, 115, 18-28.	0.5	49
67	Parâmetros reprodutivos de cabras Toggenburg inseminadas com sêmen resfriado, após diluição em meio à base de gema de ovo. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2009, 61, 299-305.	0.1	9
68	Effect of maternal heat-stress on follicular growth and oocyte competence in <i>Bos indicus</i> cattle. <i>Theriogenology</i> , 2008, 69, 155-166.	0.9	396
69	Developmental competence and expression of the Hsp 70.1 gene in oocytes obtained from <i>Bos indicus</i> and <i>Bos taurus</i> dairy cows in a tropical environment. <i>Theriogenology</i> , 2007, 68, 626-632.	0.9	53
70	Efeito da somatotropina na população folicular, recuperação de oócitos e produção in vitro de embriões em vacas Gir. <i>Revista Brasileira De Zootecnia</i> , 2007, 36, 380-386.	0.3	3
71	Avaliação ultra-sonográfica da dinâmica folicular e luteia em vacas da raça Guzerá. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2007, 59, 1089-1096.	0.1	5
72	Indução de estro em cabras da raça Toggenburg com dois diferentes dispositivos intravaginais. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2006, 58, 367-372.	0.1	12

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73	Concentração espermática e tempo de incubação na fecundação in vitro usando-se sêmen de touros da raça Guzerá. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2006, 58, 348-353.	0.1	1
74	Características andrológicas de touros da raça Gir. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2006, 58, 809-815.	0.1	9
75	Protocolos de produção in vitro de embriões na raça Gir. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2006, 58, 341-347.	0.1	3
76	Induction of estrus in non-lactating dairy goats with different estrous synchrony protocols. Animal Reproduction Science, 2005, 85, 117-124.	0.5	51
77	Developmental competence of oocytes from prepubertal Bos indicus crossbred cattle. Animal Reproduction Science, 2005, 85, 53-59.	0.5	25
78	Efeito de diferentes meios de cultivo no desenvolvimento e proporção do sexo de embriões bovinos produzidos in vitro. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2004, 56, 623-627.	0.1	1
79	Short intervals between ultrasonographically guided follicle aspiration improve oocyte quality but do not prevent establishment of dominant follicles in the Gir breed (Bos indicus) of cattle. Animal Reproduction Science, 2004, 84, 1-12.	0.5	38
80	População folicular ovariana durante o ciclo estral em vacas da raça Gir. Revista Brasileira De Zootecnia, 2004, 33, 1689-1694.	0.3	1
81	Caracterização de seqüelas subsequentes à punção folicular em bovinos. Pesquisa Veterinaria Brasileira, 2003, 23, 119-124.	0.5	15
82	Efeito da pré-estimulação ovariana sobre características de oócitos após punção folicular em bovinos. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2003, 55, 68-74.	0.1	3
83	Intervalos do início e do final do estro à ovulação em vacas das raças Gir e Guzerá após luteólise natural ou induzida por prostaglandina. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2003, 55, 430-437.	0.1	0
84	Efeito de concentração espermática e período de incubação oócitospermatozoides na fecundação in vitro em bovinos da raça Gir. Pesquisa Agropecuaria Brasileira, 2002, 37, 709-715.	0.9	4
85	Fertilidade de novilhas após aborto induzido com cloprostenol. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2002, 54, 279-282.	0.1	2
86	Taurina no desenvolvimento de embriões bovinos fecundados in vitro. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2002, 54, 396-404.	0.1	4
87	Taxa de ovulação e concentração plasmática de progesterona em fêmeas bovinas imunizadas com lâquido folicular suano. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2002, 54, 595-601.	0.1	0
88	Efeito de sistema de cultivo, célula somática e soro em co-cultura sobre o desenvolvimento de embriões bovinos fecundados in vitro. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2001, 53, 78-83.	0.1	0
89	Nascimento de bezerra gerada com auxílio das técnicas de punção folicular e fertilização in vitro no Estado de Minas Gerais. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2001, 53, 477-478.	0.1	0
90	Follicular dynamics in zebu cattle. Pesquisa Agropecuaria Brasileira, 2000, 35, 2501-2509.	0.9	38

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91	Restri�o alimentar e atividade ovariana luteal c�lica p�s-parto em vacas girolanda. Pesquisa Agropecuaria Brasileira, 2000, 35, 2521-2528.	0.9	4
92	Concentra�o esperm�tica na fecunda�o in vitro, com s�men de touro da ra�a Guzer�. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2000, 52, 59-64.	0.1	2
93	Caracter�sticas morfol�gicas e funcionais do corpo l�teo durante o ciclo estral em vacas da ra�a Gir. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 1999, 51, 251-256.	0.1	11
94	Regress�o luteal e din�mica folicular ap�s lute�lise natural ou induzida por cloprostenol em vacas da ra�a Gir. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 1999, 51, 257-262.	0.1	6