

Joao Henrique Moreira Viana

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.

92
papers

1,119
citations

16
h-index

30
g-index

94
ext. papers

1,318
ext. citations

1.9
avg, IF

3.76
L-index

#	Paper	IF	Citations
92	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	4.9	0
91	Timing of early resynchronization protocols affects subsequent pregnancy outcome in dairy cows. <i>Theriogenology</i> , 2021 , 167, 61-66	2.8	
90	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	1.7	1
89	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	2.8	1
88	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	1.7	2
87	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	4.9	5
86	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	4.2	4
85	Vitrification leads to transcriptomic modifications of mice ovaries that do not affect folliculogenesis progression. <i>Reproductive Biology</i> , 2020 , 20, 264-272	2.3	3
84	Genetic analysis of in-vitro embryo production traits in Dairy Gir cattle. <i>Theriogenology</i> , 2020 , 148, 149-168	1.8	0
83	Short communication: Does previous superovulation affect fertility in dairy heifers?. <i>Journal of Dairy Science</i> , 2020 , 103, 10862-10866	4	
82	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	2.8	10
81	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	3.7	6
80	Differential gene expression between and maturation: a comparative study with bovine oocytes derived from the same donor pool. <i>Jornal Brasileiro De Reproducao Assistida</i> , 2019 , 23, 7-14	1.7	3
79	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	4	11
78	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	1.6	3
77	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	0.3	
76	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	2.8	4

75	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	2.1	2
74	A historical perspective of embryo-related technologies in South America. <i>Animal Reproduction</i> , 2018 , 15, 963-970	1.7	4
73	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	0.3	11
72	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, 1958-1970	1.8	2
71	Safety of vaccination against brucellosis with the rough strain in pregnant cattle. <i>Tropical Animal Health and Production</i> , 2017 , 49, 1779-1781	1.7	3
70	Brazilian embryo industry in context: pitfalls, lessons, and expectations for the future. <i>Animal Reproduction</i> , 2017 , 14, 476-481	1.7	9
69	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	2.8	5
68	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	1.6	2
67	Weight gain potential affects pregnancy rates in bovine embryo recipients raised under pasture conditions. <i>Tropical Animal Health and Production</i> , 2016 , 48, 103-7	1.7	3
66	Bovine herpesvirus type 1 in cumulus-oocyte complexes collected from naturally infected cows. <i>Pesquisa Agropecuaria Brasileira</i> , 2016 , 51, 676-679	1.8	1
65	Update and overview on assisted reproductive technologies (ARTs) in Brazil. <i>Animal Reproduction</i> , 2016 , 13, 300-312	1.7	11
64	Polymorphisms and alternative splicing of the luteinizing hormone receptor of dairy cattle. <i>Genetics and Molecular Research</i> , 2016 , 15,	1.2	4
63	Prostaglandin F2α estradiol benzoate to induce ovulation in timed artificially inseminated dairy cows. <i>Pesquisa Agropecuaria Brasileira</i> , 2016 , 51, 738-744	1.8	8
62	Ovarian Grafts 10 Days after Xenotransplantation: Folliculogenesis and Recovery of Viable Oocytes. <i>PLoS ONE</i> , 2016 , 11, e0158109	3.7	8
61	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	6	2
60	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	10.1	3
59	Corpus luteum blood flow evaluation on Day 21 to improve the management of embryo recipient herds. <i>Theriogenology</i> , 2015 , 84, 237-41	2.8	19
58	Endogenous Progesterone Concentrations Affect Progesterone Release from Intravaginal Devices Used for Oestrous Synchronization in Cattle. <i>Reproduction in Domestic Animals</i> , 2015 , 50, 692-5	1.6	0

57	Colour Doppler Ultrasonography as a Tool to Assess Luteal Function in Santa Inês Ewes. <i>Reproduction in Domestic Animals</i> , 2015 , 50, 643-50	1.6	29
56	Effects of a high-energy diet on oocyte quality and in vitro embryo production in <i>Bos indicus</i> and <i>Bos taurus</i> cows. <i>Journal of Dairy Science</i> , 2015 , 98, 3086-99	4	31
55	Trans-10, cis-12 conjugated linoleic acid reduces neutral lipid content and may affect cryotolerance of in vitro-produced crossbred bovine embryos. <i>Journal of Animal Science and Biotechnology</i> , 2014 , 5, 33	6	12
54	Viable offspring after successful non-surgical embryo transfer in goats. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2014 , 66, 613-616	0.3	9
53	The use of PGF2 α s ovulatory stimulus for timed artificial insemination in cattle. <i>Theriogenology</i> , 2014 , 81, 689-95	2.8	14
52	Acurácia da ultrassonografia e da avaliação comportamental na determinação das características funcionais de estruturas ovarianas cíclicas. <i>Pesquisa Agropecuaria Brasileira</i> , 2014 , 49, 823-827	1.8	
51	Florfenicol associado ou não ao cloprostenol no tratamento de retenção de placenta em vacas leiteiras. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2014 , 66, 305-309	0.3	
50	In vivo collection of follicular fluid and granulosa cells from individual follicles of different diameters in cattle by an adapted ovum pick-up system. <i>Reproductive Biology and Endocrinology</i> , 2013 , 11, 73	5	10
49	Color Doppler flow imaging for the early detection of nonpregnant cattle at 20 days after timed artificial insemination. <i>Journal of Dairy Science</i> , 2013 , 96, 6461-72	4	57
48	Embryo production and recovery in goats by non-surgical transcervical technique. <i>Small Ruminant Research</i> , 2013 , 111, 96-99	1.7	22
47	Occurrence and characteristics of residual follicles formed after transvaginal ultrasound-guided follicle aspiration in cattle. <i>Theriogenology</i> , 2013 , 79, 267-73	2.8	14
46	Follicular populations, recruitment and atresia in the ovaries of different strains of mice. <i>Reproductive Biology</i> , 2012 , 12, 41-55	2.3	10
45	Autoclaved, previously used intravaginal progesterone devices induces estrus and ovulation in anestrus Toggenburg goats. <i>Animal Reproduction Science</i> , 2011 , 129, 50-5	2.1	25
44	Osmotic challenge and expression of aquaporin 3 and Na/K ATPase genes in bovine embryos produced in vitro. <i>Cryobiology</i> , 2011 , 63, 256-62	2.7	26
43	Relative expression of mRNAs related to cavitation process in bovine embryos produced in vivo and in vitro. <i>Revista Brasileira De Zootecnia</i> , 2011 , 40, 124-128	1.2	
42	Comparison of gene expression in <i>Bos indicus</i> and <i>Bos taurus</i> embryos produced in vivo or in vitro. <i>Livestock Science</i> , 2011 , 140, 62-67	1.7	4
41	Use of ultrasound biomicroscopy to evaluate induced ovarian follicular growth and ovulation in mice. <i>Laboratory Animals</i> , 2011 , 45, 254-8	2.6	6
40	Somatic development and embryo yield in crossbred F1 mice generated by different mating strategies. <i>Brazilian Journal of Biology</i> , 2010 , 70, 145-9	1.5	2

39	Luteal dynamics in goats: morphological and endocrine features. <i>Revista Brasileira De Zootecnia</i> , 2010 , 39, 1937-1942	1.2	10
38	Developmental competence and expression of the MATER and ZAR1 genes in immature bovine oocytes selected by brilliant cresyl blue. <i>Zygote</i> , 2010 , 18, 209-16	1.6	14
37	Effect of oxygen tension and serum during IVM on developmental competence of bovine oocytes. <i>Reproduction, Fertility and Development</i> , 2010 , 22, 1074-82	1.8	14
36	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, 966-72	2.8	28
35	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, 10-5	2.1	16
34	Assessment of luteal function in goats by ultrasonographic image attribute analysis. <i>Small Ruminant Research</i> , 2010 , 94, 176-179	1.7	9
33	Quantificaço de transcritos maternos em oitos bovinos submetidos a diferentes condies de maturao. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2010 , 62, 1394-1400	0.3	2
32	Efeito do citrato e taurina em meio CR2aa no desenvolvimento de embries bovinos fecundados in vitro. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2009 , 61, 88-94	0.3	2
31	Influncia do grupo gentico, condio sexual e tratamento antiparasitario nas medidas de lea de olho do lombo e espessura de gordura in vivo e na carca de bovinos de corte. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2009 , 61, 676-681	0.3	6
30	Pregnancy rates and corpus luteum-related factors affecting pregnancy establishment in bovine recipients synchronized for fixed-time embryo transfer. <i>Theriogenology</i> , 2009 , 72, 949-58	2.8	18
29	Interrelationships among morphology, echotexture, and function of the bovine corpus luteum during the estrous cycle. <i>Animal Reproduction Science</i> , 2009 , 115, 18-28	2.1	31
28	Parmetros reprodutivos de cabras Toggenburg inseminadas com smen resfriado, aps diluio em meio base de gema de ovo. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2009 , 61, 299-305	0.3	8
27	Effect of maternal heat-stress on follicular growth and oocyte competence in <i>Bos indicus</i> cattle. <i>Theriogenology</i> , 2008 , 69, 155-66	2.8	308
26	Efeito da somatotropina na populao folicular, recuperao de oitos e produo in vitro de embries em vacas Gir. <i>Revista Brasileira De Zootecnia</i> , 2007 , 36, 380-386	1.2	1
25	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, 626-32	2.8	43
24	Avaliao ultra-sonogrfica da dinmica folicular e lea em vacas da ra Guzer. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2007 , 59, 1089-1096	0.3	2
23	Induo de estro em cabras da ra Toggenburg com dois diferentes dispositivos intravaginais. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2006 , 58, 367-372	0.3	11
22	Concentrao espermtica e tempo de incubao na fecundao in vitro usando-se smen de touros da ra Guzer. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2006 , 58, 348-353	0.3	1

21	Características andrológicas de touros da raça Gir. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2006 , 58, 809-815	0.3	5
20	Protocolos de produção in vitro de embriões na raça Gir. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2006 , 58, 341-347	0.3	2
19	Induction of estrus in non-lactating dairy goats with different estrous synchrony protocols. <i>Animal Reproduction Science</i> , 2005 , 85, 117-24	2.1	43
18	Developmental competence of oocytes from prepubertal Bos indicus crossbred cattle. <i>Animal Reproduction Science</i> , 2005 , 85, 53-9	2.1	17
17	Efeito de diferentes meios de cultivo no desenvolvimento e proporção do sexo de embriões bovinos produzidos in vitro. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2004 , 56, 623-627	0.3	
16	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. <i>Animal Reproduction Science</i> , 2004 , 84, 1-12	2.1	31
15	População folicular ovariana durante o ciclo estral em vacas da raça Gir. <i>Revista Brasileira De Zootecnia</i> , 2004 , 33, 1689-1694	1.2	1
14	Caracterização de seqüelas subsequentes à punção folicular em bovinos. <i>Pesquisa Veterinaria Brasileira</i> , 2003 , 23, 119-124	0.4	14
13	Efeito da pré-estimulação ovariana sobre características de oócitos após punção folicular em bovinos. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2003 , 55, 68-74	0.3	2
12	Intervalos do início e do final do estro ovulatório em vacas das raças Gir e Guzerá após luteólise natural ou induzida por prostaglandina. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2003 , 55, 430-437	0.3	
11	Efeito de concentração espermática e período de incubação de oóitos-espermatozoides na fecundação in vitro em bovinos da raça Gir. <i>Pesquisa Agropecuaria Brasileira</i> , 2002 , 37, 709-715	1.8	4
10	Fertilidade de novilhas após aborto induzido com cloprostenol. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2002 , 54, 279-282	0.3	1
9	Taurina no desenvolvimento de embriões bovinos fecundados in vitro. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2002 , 54, 396-404	0.3	4
8	Taxa de ovulação e concentração plasmática de progesterona em fêmeas bovinas imunizadas com líquido folicular suíno. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2002 , 54, 595-601	0.3	
7	Efeito de sistema de cultivo, célula somática e soro em co-cultura sobre o desenvolvimento de embriões bovinos fecundados in vitro. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2001 , 53, 78-83	0.3	
6	Nascimento de bezerra gerada com auxílio das técnicas de punção folicular e fertilização in vitro no Estado de Minas Gerais. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2001 , 53, 477-478	0.3	
5	Follicular dynamics in zebu cattle. <i>Pesquisa Agropecuaria Brasileira</i> , 2000 , 35, 2501-2509	1.8	31
4	Restrição alimentar e atividade ovariana luteal cíclica pós-parto em vacas girolanda. <i>Pesquisa Agropecuaria Brasileira</i> , 2000 , 35, 2521-2528	1.8	3

3	Concentraç�o esperm�tica na fecundaç�o in vitro, com s�men de touro da ra� Guzer�Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2000 , 52, 59-64	0.3	2
2	Caracter�sticas morfol�gicas e funcionais do corpo l�eo durante o ciclo estral em vacas da ra� Gir. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 1999 , 51, 251-256	0.3	9
1	Regress�o luteal e din�mica folicular ap�s lute�lise natural ou induzida por cloprostenol em vacas da ra� Gir. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 1999 , 51, 257-262	0.3	5