

Vitor R G Mercadante

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.

48
papers

660
citations

13
h-index

25
g-index

49
ext. papers

865
ext. citations

1.2
avg, IF

4.44
L-index

#	Paper	IF	Citations
48	Effects of Nerve Growth Factor- β From Bull Seminal Plasma on Steroidogenesis and Angiogenic Markers of the Bovine Pre-ovulatory Follicle Wall Cell Culture.. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 786480	3.1	1
47	Physical parameters of bovine activated oocytes and zygotes as predictors of development success. <i>Zygote</i> , 2021 , 29, 358-364	1.6	1
46	Cattle stress and pregnancy responses when imposing different restraint methods for conducting fixed time artificial insemination. <i>Animal Reproduction Science</i> , 2021 , 225, 106672	2.1	0
45	Interleukin-6 supplementation improves post-transfer embryonic and fetal development of in vitro-produced bovine embryos. <i>Theriogenology</i> , 2021 , 170, 15-22	2.8	1
44	Administration of nerve growth factor- β to heifers with a pre-ovulatory follicle enhanced luteal formation and function and promoted LH release. <i>Theriogenology</i> , 2020 , 148, 37-47	2.8	3
43	PSI-30 Evaluation of urine estrone sulfate (P-Test) in beef cattle as an alternative pregnancy detection method. <i>Journal of Animal Science</i> , 2020 , 98, 472-473	0.7	
42	182 Uterine gene expression of beef cows in response to supplementation with calcium salts of soybean oil. <i>Journal of Animal Science</i> , 2020 , 98, 39-39	0.7	
41	73 Engaging youth through bovine reproductive practices. <i>Journal of Animal Science</i> , 2020 , 98, 5-5	0.7	
40	42 Effect of injectable trace mineral supplementation on beef cows fertility and overall mineral status. <i>Journal of Animal Science</i> , 2020 , 98, 45-45	0.7	
39	375 Economic Consequences of Pregnancy Loss in Beef Cattle. <i>Journal of Animal Science</i> , 2020 , 98, 124-124	0.7	0
38	156 Injectable trace mineral supplementation on grazing beef cows: effect on overall mineral status and fertility. <i>Journal of Animal Science</i> , 2020 , 98, 117-117	0.7	
37	147 Presynchronization and delayed fixed-time artificial insemination increases pregnancy rates with sex-sorted semen in replacement beef heifers. <i>Journal of Animal Science</i> , 2020 , 98, 115-116	0.7	
36	35 Vaginal pH changes due to the use of a controlled internal drug release (CIDR) and its effects on fertility of beef cows. <i>Journal of Animal Science</i> , 2020 , 98, 25-26	0.7	
35	Relationships between feed efficiency and puberty in <i>Bos taurus</i> and <i>Bos indicus</i> -influenced replacement beef heifers. <i>Journal of Animal Science</i> , 2020 , 98,	0.7	1
34	Assessment of peripheral markers and ultrasonographic parameters in pregnant mares receiving intramuscular or intrauterine cloprostenol. <i>Theriogenology</i> , 2020 , 142, 77-84	2.8	2
33	Supplementation frequency and amount modulate postweaning growth and reproductive performance of <i>Bos indicus</i> -influenced beef heifers. <i>Journal of Animal Science</i> , 2020 , 98,	0.7	3
32	140 Virginia Tech Graduate Extension Scholars program: Report of a scholar. <i>Journal of Animal Science</i> , 2019 , 97, 8-8	0.7	78

31	113 Influence of cattle stress response to restraint method on artificial insemination pregnancy rates. <i>Journal of Animal Science</i> , 2019 , 97, 41-42	0.7	78
30	169 Increasing levels of sorghum dried distillers grains with solubles in feedlot diets: effects on nutrient digestibility, ruminal degradability and fermentation. <i>Journal of Animal Science</i> , 2019 , 97, 61-61	0.7	1
29	150 Administration of prostaglandin F ₂ 24 h prior to CIDR removal impacts reproductive performance of suckled beef cows assigned to the 7-d CO-Synch + CIDR protocol. <i>Journal of Animal Science</i> , 2019 , 97, 48-49	0.7	78
28	58 A retrospective analysis of bull:cow ratio effects on pregnancy rates of beef cows previously enrolled in fixed-time artificial insemination protocols. <i>Journal of Animal Science</i> , 2019 , 97, 1-1	0.7	78
27	27 A retrospective analysis of bull:cow ratio effects on pregnancy rates of beef cows previously enrolled in fixed-time artificial insemination protocols. <i>Journal of Animal Science</i> , 2019 , 97, 20-20	0.7	0
26	Impacts of administering prostaglandin F ₂ analogue 24 h prior to progesterone insert removal on expression of estrus in beef females. <i>Livestock Science</i> , 2019 , 226, 82-86	1.7	2
25	Impact of fetal vs. maternal contributions of <i>Bos indicus</i> and <i>Bos taurus</i> genetics on embryonic and fetal development. <i>Journal of Animal Science</i> , 2019 , 97, 1645-1655	0.7	6
24	216 Effects of low doses of GnRH at CIDR removal on estrus expression and conception rates in beef heifers. <i>Journal of Animal Science</i> , 2019 , 97, 124-124	0.7	78
23	Post-transfer outcomes in cultured bovine embryos supplemented with epidermal growth factor, fibroblast growth factor 2, and insulin-like growth factor 1. <i>Theriogenology</i> , 2019 , 124, 1-8	2.8	7
22	Administration of recombinant bovine somatotropin prior to fixed-time artificial insemination and the effects on fertility, embryo, and fetal size in beef heifers. <i>Journal of Animal Science</i> , 2018 , 96, 1894-1902	0.7	3
21	Supplementing Ca salts of soybean oil after artificial insemination increases pregnancy success in <i>Bos taurus</i> beef cows. <i>Journal of Animal Science</i> , 2018 , 96, 2838-2850	0.7	9
20	Nerve Growth Factor-Beta, purified from bull seminal plasma, enhances corpus luteum formation and conceptus development in <i>Bos taurus</i> cows. <i>Theriogenology</i> , 2018 , 106, 30-38	2.8	17
19	Supplementing calcium salts of soybean oil after artificial insemination increases pregnancy success in beef cows. <i>Translational Animal Science</i> , 2018 , 2, S9-S13	1.4	1
18	Nerve Growth Factor- β production in the bull: Gene expression, immunolocalization, seminal plasma constitution, and association with sire conception rates. <i>Animal Reproduction Science</i> , 2018 , 197, 335-342	2.1	8
17	Effects of recombinant bovine somatotropin administration at breeding on cow, conceptus, and subsequent offspring performance of beef cattle. <i>Journal of Animal Science</i> , 2016 , 94, 2128-38	0.7	7
16	Synchronization and Artificial Insemination Strategies in Beef Cattle. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2016 , 32, 335-47	4.6	18
15	Effects of chitosan on nutrient digestibility, methane emissions, and in vitro fermentation in beef cattle. <i>Journal of Animal Science</i> , 2015 , 93, 3539-50	0.7	13
14	Inclusion of anti-phospholipase A2 antibody to backgrounding diets on performance, feed efficiency, in vitro fermentation, and the acute-phase response of growing beef calves. <i>Journal of Animal Science</i> , 2015 , 93, 414-24	0.7	2

13	Effects of anti-phospholipase A(2) antibody supplementation on dry matter intake feed efficiency, acute phase response, and blood differentials of steers fed forage- and grain-based diets. <i>Journal of Animal Science</i> , 2015 , 93, 776-85	0.7	3
12	Effects of administration of prostaglandin F at initiation of the seven-day CO-Synch+controlled internal drug release ovulation synchronization protocol for suckled beef cows and replacement beef heifers. <i>Journal of Animal Science</i> , 2015 , 93, 5204-13	0.7	11
11	Effects of different levels of supplementation of a 50:50 mixture of molasses:crude glycerol on performance, Bermuda grass hay intake, and nutrient digestibility of beef cattle. <i>Journal of Animal Science</i> , 2015 , 93, 2428-38	0.7	9
10	Altered progesterone concentrations by hormonal manipulations before a fixed-time artificial insemination CO-Synch + CIDR program in suckled beef cows. <i>Theriogenology</i> , 2014 , 82, 104-13	2.8	16
9	Effects of calf weaning age and subsequent management systems on growth performance and carcass characteristics of beef steers. <i>Journal of Animal Science</i> , 2014 , 92, 3598-609	0.7	17
8	The effects of intramuscular or intravenous injections of gonadotropin releasing hormone at fixed-time artificial insemination on pregnancy rates of <i>Bos indicus</i> beef cows. <i>Brazilian Archives of Biology and Technology</i> , 2014 , 57, 361-366	1.8	1
7	Technical note: physiological response of beef heifers after receiving a reused controlled internal drug release insert processed with different heat-treating methods. <i>Journal of Animal Science</i> , 2014 , 92, 2275-9	0.7	2
6	Selection and Management of the Embryo Recipient Herd for Embryo Transfer 2014 , 723-732		1
5	Effects of calf weaning age and subsequent management system on growth and reproductive performance of beef heifers. <i>Journal of Animal Science</i> , 2014 , 92, 3096-107	0.7	20
4	Efficacy of various five-day estrous synchronization protocols in sheep. <i>Small Ruminant Research</i> , 2014 , 120, 100-107	1.7	11
3	Subspecies differences in early fetal development and plasma pregnancy-associated glycoprotein concentrations in cattle. <i>Journal of Animal Science</i> , 2013 , 91, 3693-701	0.7	24
2	Relationships among performance, residual feed intake, and temperament assessed in growing beef heifers and subsequently as 3-year-old, lactating beef cows. <i>Journal of Animal Science</i> , 2013 , 91, 2254-63	0.7	32
1	Effects of equine chorionic gonadotropin on follicle development and pregnancy rates in suckled beef cows with or without calf removal. <i>Journal of Animal Science</i> , 2013 , 91, 1216-24	0.7	15