

George A Perry

List of Publications by Citations

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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.

98
papers

1,800
citations

22
h-index

39
g-index

99
ext. papers

2,062
ext. citations

2.1
avg, IF

4.74
L-index

#	Paper	IF	Citations
98	Relationship between follicle size at insemination and pregnancy success. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 5268-73	11.5	276
97	Relationship between size of the ovulatory follicle and pregnancy success in beef heifers. <i>Journal of Animal Science</i> , 2007 , 85, 684-9	0.7	164
96	Ovarian follicle diameter at timed insemination and estrous response influence likelihood of ovulation and pregnancy after estrous synchronization with progesterone or progestin-based protocols in suckled <i>Bos indicus</i> cows. <i>Animal Reproduction Science</i> , 2010 , 120, 23-30	2.1	124
95	Effect of preovulatory concentrations of estradiol and initiation of standing estrus on uterine pH in beef cows. <i>Domestic Animal Endocrinology</i> , 2008 , 34, 333-8	2.3	74
94	Preovulatory estradiol and the establishment and maintenance of pregnancy in suckled beef cows. <i>Journal of Animal Science</i> , 2013 , 91, 1176-85	0.7	70
93	Heifer calving date positively influences calf weaning weights through six parturitions. <i>Journal of Animal Science</i> , 2013 , 91, 4486-91	0.7	67
92	Follicular determinants of pregnancy establishment and maintenance. <i>Cell and Tissue Research</i> , 2012 , 349, 649-64	4.2	56
91	Expression of estrus before fixed-time AI affects conception rates and factors that impact expression of estrus and the repeatability of expression of estrus in sequential breeding seasons. <i>Animal Reproduction Science</i> , 2016 , 166, 133-40	2.1	46
90	Interaction of endophyte-infected fescue and heat stress on ovarian function in the beef heifer. <i>Biology of Reproduction</i> , 2001 , 65, 260-8	3.9	46
89	Effect of dried corn distillers grains plus solubles compared with soybean hulls, in late gestation heifer diets, on animal and reproductive performance. <i>Journal of Animal Science</i> , 2008 , 86, 1697-708	0.7	45
88	Bovine herpesvirus 1 modified live virus vaccines for cattle reproduction: Balancing protection with undesired effects. <i>Veterinary Microbiology</i> , 2017 , 206, 69-77	3.3	39
87	Effects of standing estrus and supplemental estradiol on changes in uterine pH during a fixed-time artificial insemination protocol. <i>Journal of Animal Science</i> , 2008 , 86, 2928-35	0.7	39
86	Effects of preovulatory estradiol on embryo survival and pregnancy establishment in beef cows. <i>Animal Reproduction Science</i> , 2015 , 158, 96-103	2.1	30
85	Development of the ovary and ontogeny of mRNA and protein for P450 aromatase (arom) and estrogen receptors (ER) alpha and beta during early fetal life in cattle. <i>Animal Reproduction Science</i> , 2010 , 117, 24-33	2.1	28
84	Factors affecting puberty in replacement beef heifers. <i>Theriogenology</i> , 2016 , 86, 373-8	2.8	27
83	Evaluation of a fixed-time artificial insemination protocol for postpartum suckled beef cows. <i>Journal of Animal Science</i> , 2002 , 80, 3060-4	0.7	26
82	Relationship of follicle size and concentrations of estradiol among cows exhibiting or not exhibiting estrus during a fixed-time AI protocol. <i>Domestic Animal Endocrinology</i> , 2014 , 48, 15-20	2.3	24

81	Triennial Reproduction Symposium: influence of follicular characteristics at ovulation on early embryonic survival. <i>Journal of Animal Science</i> , 2013 , 91, 3014-21	0.7	24
80	Physiology and Endocrinology Symposium: Harnessing basic knowledge of factors controlling puberty to improve synchronization of estrus and fertility in heifers. <i>Journal of Animal Science</i> , 2012 , 90, 1172-82	0.7	24
79	Dietary selenium and nutritional plane alter specific aspects of maternal endocrine status during pregnancy and lactation. <i>Domestic Animal Endocrinology</i> , 2014 , 46, 1-11	2.3	23
78	Morphological development and characterization of aromatase and estrogen receptors alpha and beta in fetal ovaries of cattle from days 110 to 250. <i>Animal Reproduction Science</i> , 2010 , 117, 43-54	2.1	22
77	Influence of inducing luteal regression before a modified controlled internal drug-releasing device treatment on control of follicular development. <i>Journal of Animal Science</i> , 2011 , 89, 3531-41	0.7	22
76	Effects of supplementing calcium salts of polyunsaturated fatty acids to late-gestating beef cows on performance and physiological responses of the offspring. <i>Journal of Animal Science</i> , 2017 , 95, 5347-5357	0.7	20
75	Maternal dietary intake alters organ mass and endocrine and metabolic profiles in pregnant ewe lambs. <i>Animal Reproduction Science</i> , 2013 , 141, 131-41	2.1	19
74	Basis of melengestrol acetate action as a progestin. <i>Domestic Animal Endocrinology</i> , 2005 , 28, 147-61	2.3	19
73	Influence of estrus at fixed-time artificial insemination on early embryonic development in beef cattle. <i>Journal of Animal Science</i> , 2015 , 93, 2806-12	0.7	18
72	The effects of vaccination on serum hormone concentrations and conception rates in synchronized naive beef heifers. <i>Theriogenology</i> , 2013 , 79, 200-5	2.8	17
71	Genetic partitioning of variation in ovulatory follicle size and probability of pregnancy in beef cattle. <i>Journal of Animal Science</i> , 2006 , 84, 1646-50	0.7	17
70	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
69	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
68	Influence of inducing luteal regression before a modified fixed-time artificial insemination protocol in postpartum beef cows on pregnancy success. <i>Journal of Animal Science</i> , 2012 , 90, 489-94	0.7	15
67	Multi-state Beef Reproduction Task Force provides science-based recommendations for the application of reproductive technologies. <i>Journal of Animal Science</i> , 2011 , 89, 2950-4	0.7	14
66	Effect of the timing of controlled internal drug-releasing device insertion on the gonadotropin-releasing hormone-induced luteinizing hormone surge and ovulatory response. <i>Journal of Animal Science</i> , 2009 , 87, 3983-90	0.7	14
65	GnRH treatment at artificial insemination in beef cattle fails to increase plasma progesterone concentrations or pregnancy rates. <i>Theriogenology</i> , 2009 , 71, 775-9	2.8	13
64	Feeding fat from distillers dried grains with solubles to dairy heifers: II. Effects on metabolic profile. <i>Journal of Dairy Science</i> , 2015 , 98, 5709-19	4	12

63	Effects of preovulatory estradiol on uterine environment and conceptus survival from fertilization to maternal recognition of pregnancy. <i>Biology of Reproduction</i> , 2018 , 99, 629-638	3.9	12
62	Influence of post-insemination nutrition on embryonic development in beef heifers. <i>Theriogenology</i> , 2017 , 90, 185-190	2.8	12
61	Postweaning nutritional programming of ovarian development in beef heifers. <i>Journal of Animal Science</i> , 2015 , 93, 5232-9	0.7	12
60	Influence of standing estrus before an injection of GnRH during a beef cattle fixed-time AI protocol on LH release, subsequent concentrations of progesterone, and steroidogenic enzyme expression. <i>Domestic Animal Endocrinology</i> , 2012 , 42, 11-9	2.3	12
59	Effect of an orally active progestin on follicular dynamics in cycling and anestrous postpartum beef cows. <i>Journal of Animal Science</i> , 2002 , 80, 1932-8	0.7	12
58	Beef heifers with diminished numbers of antral follicles have decreased uterine protein concentrations. <i>Animal Reproduction Science</i> , 2017 , 179, 1-9	2.1	11
57	Effect of age at puberty/conception date on cow longevity. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2013 , 29, 579-90	4.6	11
56	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
55	Effects of protein supplementation frequency on physiological responses associated with reproduction in beef cows. <i>Journal of Animal Science</i> , 2015 , 93, 386-94	0.7	10
54	A polymorphism in myostatin influences puberty but not fertility in beef heifers, whereas β -calpain affects first calf birth weight. <i>Journal of Animal Science</i> , 2015 , 93, 117-26	0.7	10
53	Comparison of three CIDR-based fixed-time AI protocols in beef heifers. <i>Journal of Animal Science</i> , 2014 , 92, 3127-33	0.7	10
52	Protection against bovine respiratory syncytial virus in calves vaccinated with adjuvanted modified live vaccine administered in the face of maternal antibody. <i>Vaccine</i> , 2020 , 38, 298-308	4.1	10
51	Feeding distillers dried grains in replacement of forage in limit-fed dairy heifer rations: Effects on growth performance, rumen fermentation, and total-tract digestibility of nutrients. <i>Journal of Dairy Science</i> , 2016 , 99, 7206-7215	4	10
50	Grazing behavior of drylot-developed beef heifers and the influence of postinsemination supplementation on artificial-insemination pregnancy success. <i>The Professional Animal Scientist</i> , 2015 , 31, 264-269		9
49	Evaluation of prior grazing experience on reproductive performance in beef heifers. <i>The Professional Animal Scientist</i> , 2013 , 29, 595-600		9
48	Vaginal bacterial community composition and concentrations of estradiol at the time of artificial insemination in Brangus heifers. <i>Journal of Animal Science</i> , 2020 , 98,	0.7	8
47	Measuring bovine viral diarrhea virus vaccine response: using a commercially available ELISA as a surrogate for serum neutralization assays. <i>Vaccine</i> , 2012 , 30, 6559-63	4.1	8
46	Using estrus detection patches to optimally time insemination improved pregnancy risk in suckled beef cows enrolled in a fixed-time artificial insemination program. <i>Journal of Animal Science</i> , 2016 , 94, 3703-3710	0.7	8

45	Changes in ovarian function associated with circulating concentrations of estradiol before a GnRH-induced ovulation in beef cows. <i>Domestic Animal Endocrinology</i> , 2016 , 57, 71-9	2.3	7
44	Effects of GnRH treatment on initiation of pulses of LH, LH release, and subsequent concentrations of progesterone. <i>Domestic Animal Endocrinology</i> , 2009 , 37, 189-95	2.3	7
43	Invited Review: Use of ultrasonography to make reproductive management decisions ^{1,21} Mention of a trade name, proprietary product, or specific equipment does not constitute a guarantee or warranty by South Dakota State University or the USDA and does not imply approval to the exclusion of other products that may be suitable. South Dakota State University and USDA are		6
42	Developmental Programming of Fertility in Livestock. <i>Veterinary Clinics of North America - Food and Animal Practice</i> , 2019 , 35, 321-330 Active efficient. <i>The Professional Animal Scientist</i> , 2016 , 32, 154-161	4.6	5
41	Influence of Sexcell (gender ablation technology) gender-ablated semen in fixed-time artificial insemination of beef cows and heifers. <i>Theriogenology</i> , 2020 , 146, 140-144	2.8	5
40	Uterine environment and pregnancy rate of heifers with elevated plasma urea nitrogen. <i>Animal Reproduction Science</i> , 2016 , 173, 56-62	2.1	5
39	Maternal age influences the number of primordial follicles in the ovaries of yearling Angus heifers. <i>Animal Reproduction Science</i> , 2019 , 200, 105-112	2.1	5
38	Supplementation of metabolizable protein during late gestation and fetal number impact ewe organ mass, maternal serum hormone and metabolite concentrations, and conceptus measurements. <i>Domestic Animal Endocrinology</i> , 2017 , 58, 113-125.e1	2.3	4
37	Comparison of fertility of liquid or frozen semen when varying the interval from CIDR removal to insemination. <i>Animal Reproduction Science</i> , 2017 , 178, 61-66	2.1	4
36	Comparison of two bovine serum pregnancy tests in detection of artificial insemination pregnancies and pregnancy loss in beef cattle. <i>PLoS ONE</i> , 2019 , 14, e0211179	3.7	4
35	Impacts of chronic and increasing lipopolysaccharide exposure on production and reproductive parameters in lactating Holstein dairy cows. <i>Journal of Dairy Science</i> , 2019 , 102, 3569-3583	4	4
34	Expression of Na(+)/H(+) exchanger isoforms 1, 2, 3, and 4 in bovine endometrium and the influence of uterine pH at time of fixed-time AI of pregnancy success. <i>Animal Reproduction Science</i> , 2016 , 171, 98-107	2.1	4
33	Role of preovulatory concentrations of estradiol on timing of conception and regulation of the uterine environment in beef cattle. <i>Systems Biology in Reproductive Medicine</i> , 2020 , 66, 12-25	2.9	4
32	Effect of estradiol preceding and progesterone subsequent to ovulation on proportion of postpartum beef cows pregnant. <i>Animal Reproduction Science</i> , 2021 , 227, 106723	2.1	4
31	Effects of steroidal implants on feedlot performance, carcass characteristics, and serum and meat estradiol-17 β concentrations of Holstein steers. <i>Translational Animal Science</i> , 2020 , 4, 206-213	1.4	3
30	Postinsemination diet change on reproductive performance in beef heifers. <i>The Professional Animal Scientist</i> , 2016 , 32, 316-321		3
29	Influence of nitrogen and sulfur intake on bovine uterine pH throughout the luteal phase. <i>Journal of Animal Science</i> , 2013 , 91, 1186-92	0.7	3
28	A simulation exercise to teach principles of bovine reproductive management. <i>Journal of Animal Science</i> , 2004 , 82, 1543-9	0.7	3

27	Oxylipin concentrations in bovine corpora lutea during maternal recognition of pregnancy. <i>Theriogenology</i> , 2020 , 142, 384-389	2.8	3
26	Feeding distillers dried grains in replacement of forage in limit-fed dairy heifer rations: Effects on metabolic profile and onset of puberty. <i>Journal of Dairy Science</i> , 2017 , 100, 2591-2602	4	2
25	Effects of excess metabolizable protein on ovarian function and circulating amino acids of beef cows: 1. Excessive supply from corn gluten meal or soybean meal. <i>Animal</i> , 2017 , 11, 625-633	3.1	2
24	Effects of excess metabolizable protein on ovarian function and circulating amino acids of beef cows: 2. Excessive supply in varying concentrations from corn gluten meal. <i>Animal</i> , 2017 , 11, 634-642	3.1	2
23	Progesterone secretion by ovine granulosa cells: effects of nitric oxide and plane of nutrition. <i>Canadian Journal of Physiology and Pharmacology</i> , 2015 , 93, 973-8	2.4	2
22	Hemodynamics of the umbilical artery and conceptus-related measurements in singleton and twin pregnancies in ewes. <i>Reproductive Biology</i> , 2020 , 20, 132-139	2.3	2
21	Influence of a CIDR prior to bull breeding on pregnancy rates and subsequent calving distribution. <i>Animal Reproduction Science</i> , 2008 , 108, 269-78	2.1	2
20	Influence of conceptus presence and preovulatory estradiol exposure on uterine gene transcripts and proteins around maternal recognition of pregnancy in beef cattle. <i>Molecular and Cellular Endocrinology</i> , 2021 , 540, 111508	4.4	2
19	Effect of calthood nutrition on metabolic hormones, gonadotropins, and estradiol concentrations and on reproductive organ development in beef heifer calves. <i>Journal of Animal Science</i> , 2020 , 98,	0.7	2
18	Influence of estradiol on bovine trophectoderm and uterine gene transcripts around maternal recognition of pregnancy. <i>Biology of Reproduction</i> , 2021 , 105, 381-392	3.9	2
17	Pre-synchronization of ovulation timing and delayed fixed-time artificial insemination increases pregnancy rates when sex-sorted semen is used for insemination of heifers. <i>Animal Reproduction Science</i> , 2021 , 226, 106699	2.1	2
16	Brangus cows have ovarian reserve parameters more like Brahman than Angus cows. <i>Animal Reproduction Science</i> , 2019 , 209, 106170	2.1	1
15	Influence of GnRH supplementation at CIDR removal on estrus expression and interval to estrus in beef cattle. <i>Theriogenology</i> , 2018 , 119, 76-79	2.8	1
14	Association Between Preovulatory Concentrations of Estradiol and Expression of Uterine Receptors for Oxytocin, Progesterone, and Estradiol. <i>Biology of Reproduction</i> , 2008 , 78, 139-139	3.9	1
13	Impact of trace mineral source on beef replacement heifer growth, reproductive development, and biomarkers of maternal recognition of pregnancy and embryo survival. <i>Journal of Animal Science</i> , 2021 , 99,	0.7	1
12	Corn supplementation as a winter-feeding strategy alters maternal feeding behavior and endocrine profiles in mid- to late-gestating beef cows. <i>Translational Animal Science</i> , 2018 , 2, S106-S111	1.4	1
11	iTRAQ-based proteomic analysis of bovine pre-ovulatory plasma and follicular fluid. <i>Domestic Animal Endocrinology</i> , 2021 , 76, 106606	2.3	1
10	Proteomic analyses identify differences between bovine epididymal and ejaculated spermatozoa that contribute to longevity. <i>Theriogenology</i> , 2022 , 184, 51-60	2.8	1

9	Effect of progesterone supplementation in a resynchronization protocol on follicular dynamics and pregnancy success. <i>Theriogenology</i> , 2020 , 157, 121-129	2.8	o
8	Acute effects of estradiol-17 β on plasma volume and uterine cell proliferation in sheep. <i>Theriogenology</i> , 2021 , 176, 12-17	2.8	o
7	Proteomics dataset of epididymal fluid, seminal plasma, and proteins loosely attached to epididymal and ejaculated sperm from Angus bulls.. <i>Data in Brief</i> , 2022 , 42, 108150	1.2	o
6	Reply: comments on "The effects of vaccination on serum hormone concentrations and conception rates in synchronized naive beef heifers". <i>Theriogenology</i> , 2013 , 80, 71	2.8	
5	iTRAQ-Based proteomic dataset for bovine pre-ovulatory plasma and follicular fluid containing high and low Estradiol. <i>Data in Brief</i> , 2021 , 36, 106998	1.2	
4	Influence of small doses of gonadotropin-releasing hormone following controlled internal drug-release insert removal on reproductive parameters in beef cattle subjected to a fixed-time artificial insemination protocol. <i>The Professional Animal Scientist</i> , 2018 , 34, 566-570		
3	Greater numbers of antral follicles in the ovary are associated with increased concentrations of glucose in uterine luminal fluid of beef heifers.. <i>Animal Reproduction Science</i> , 2022 , 239, 106968	2.1	
2	Impact of preovulatory estradiol concentrations on subsequent luteal function in beef cattle.. <i>Systems Biology in Reproductive Medicine</i> , 2022 , 1-12	2.9	
1	RNA sequencing and iTRAQ proteomic data from an experiment examining the influence of conceptus presence and preovulatory estradiol on endometrial gene transcripts and proteins around maternal recognition of pregnancy in beef cattle.. <i>Data in Brief</i> , 2022 , 42, 108056	1.2	