

Mark A Crowe

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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.

134 papers	4,208 citations	38 h-index	60 g-index
140 ext. papers	4,769 ext. citations	2.5 avg, IF	5.22 L-index

#	Paper	IF	Citations
134	Effect of increasing progesterone concentration from Day 3 of pregnancy on subsequent embryo survival and development in beef heifers. <i>Reproduction, Fertility and Development</i> , 2008 , 20, 368-75	1.8	416
133	Progesterone-regulated changes in endometrial gene expression contribute to advanced conceptus development in cattle. <i>Biology of Reproduction</i> , 2009 , 81, 784-94	3.9	226
132	Changes in the endometrial transcriptome during the bovine estrous cycle: effect of low circulating progesterone and consequences for conceptus elongation. <i>Biology of Reproduction</i> , 2011 , 84, 266-78	3.9	189
131	Effects of ketoprofen alone or in combination with local anesthesia during the castration of bull calves on plasma cortisol, immunological, and inflammatory responses. <i>Journal of Animal Science</i> , 2002 , 80, 1044-52	0.7	124
130	Effect of castration method and the provision of local anesthesia on plasma cortisol, scrotal circumference, growth, and feed intake of bull calves. <i>Journal of Animal Science</i> , 1996 , 74, 2336-43	0.7	118
129	Transportation of young beef bulls alters circulating physiological parameters that may be effective biomarkers of stress. <i>Journal of Animal Science</i> , 2008 , 86, 1325-34	0.7	102
128	Immunization of heifers against gonadotropin-releasing hormone: antibody titers, ovarian function, body growth, and carcass characteristics. <i>Journal of Animal Science</i> , 1995 , 73, 2382-9	0.7	101
127	Resumption of ovarian cyclicity in post-partum beef and dairy cows. <i>Reproduction in Domestic Animals</i> , 2008 , 43 Suppl 5, 20-8	1.6	91
126	Effect of ketoprofen, lidocaine local anesthesia, and combined xylazine and lidocaine caudal epidural anesthesia during castration of beef cattle on stress responses, immunity, growth, and behavior. <i>Journal of Animal Science</i> , 2003 , 81, 1281-93	0.7	89
125	The effect of elevated progesterone and pregnancy status on mRNA expression and localisation of progesterone and oestrogen receptors in the bovine uterus. <i>Reproduction</i> , 2010 , 140, 143-53	3.8	79
124	Oestrous cycles in <i>Bos taurus</i> cattle. <i>Animal Reproduction Science</i> , 2011 , 124, 163-9	2.1	77
123	Effect of repeated ketoprofen administration during surgical castration of bulls on cortisol, immunological function, feed intake, growth, and behavior. <i>Journal of Animal Science</i> , 2003 , 81, 1253-64	0.7	76
122	Presynchronization with Double-Ovsynch improves fertility at first postpartum artificial insemination in lactating dairy cows. <i>Journal of Dairy Science</i> , 2012 , 95, 7003-14	4	68
121	Evidence for an early endometrial response to pregnancy in cattle: both dependent upon and independent of interferon tau. <i>Physiological Genomics</i> , 2012 , 44, 799-810	3.6	66
120	Effect of carprofen administration during banding or burdizzo castration of bulls on plasma cortisol, in vitro interferon-gamma production, acute-phase proteins, feed intake, and growth. <i>Journal of Animal Science</i> , 2006 , 84, 351-9	0.7	65
119	Transportation stress in young bulls alters expression of neutrophil genes important for the regulation of apoptosis, tissue remodeling, margination, and anti-bacterial function. <i>Veterinary Immunology and Immunopathology</i> , 2007 , 118, 19-29	2	64
118	Postpartum anoestrus in dairy and beef cows. <i>Animal Reproduction Science</i> , 1992 , 28, 371-378	2.1	59

117	Systemic but not intraovarian concentrations of insulin-like growth factor-I are affected by short-term fasting. <i>Biology of Reproduction</i> , 1992 , 46, 920-5	3.9	56
116	Parturition to resumption of ovarian cyclicity: comparative aspects of beef and dairy cows. <i>Animal</i> , 2014 , 8 Suppl 1, 40-53	3.1	55
115	Effects of low progesterone on the endometrial transcriptome in cattle. <i>Biology of Reproduction</i> , 2012 , 87, 124	3.9	55
114	Validation of a sensitive radioimmunoassay to measure serum follicle-stimulating hormone in cattle: correlation with biological activity. <i>Animal Reproduction Science</i> , 1997 , 48, 123-36	2.1	55
113	Circulating FSH isoform patterns during recurrent increases in FSH throughout the oestrous cycle of heifers. <i>Reproduction</i> , 1997 , 110, 339-45	3.8	54
112	Indoor space allowance: effects on growth, behaviour, adrenal and immune responses of finishing beef heifers. <i>Animal Science</i> , 1997 , 64, 53-62		51
111	Effect of 12-hour road transportation on physiological, immunological and haematological parameters in bulls housed at different space allowances. <i>Veterinary Journal</i> , 2007 , 173, 605-16	2.5	51
110	Characterisation of endometrial gene expression and metabolic parameters in beef heifers yielding viable or non-viable embryos on Day 7 after insemination. <i>Reproduction, Fertility and Development</i> , 2010 , 22, 987-99	1.8	50
109	Growth, behaviour, adrenal and immune responses of finishing beef heifers housed on slatted floors at 1.5, 2.0, 2.5 or 3.0 m2 space allowance. <i>Livestock Science</i> , 1997 , 51, 245-254		47
108	Follicle wave growth in cattle. <i>Reproduction in Domestic Animals</i> , 2002 , 37, 191-200	1.6	46
107	Effects of management and health on the use of activity monitoring for estrus detection in dairy cows. <i>Journal of Dairy Science</i> , 2012 , 95, 2452-66	4	45
106	Effect of the metabolic environment at key stages of follicle development in cattle: focus on steroid biosynthesis. <i>Physiological Genomics</i> , 2012 , 44, 504-17	3.6	45
105	Oestrous synchronisation in cattle--current options following the EU regulations restricting use of oestrogenic compounds in food-producing animals: a review. <i>Animal Reproduction Science</i> , 2008 , 109, 1-16	2.1	45
104	Effects of suppressing cortisol following castration of bull calves on adrenocorticotrophic hormone, in vitro interferon-gamma production, leukocytes, acute-phase proteins, growth, and feed intake. <i>Journal of Animal Science</i> , 1997 , 75, 1899-908	0.7	43
103	Proteomic characterization of histotroph during the preimplantation phase of the estrous cycle in cattle. <i>Journal of Proteome Research</i> , 2012 , 11, 3004-18	5.6	41
102	Influence of immunization against GnRH on reproductive cyclicity and estrous behavior in the mare. <i>Theriogenology</i> , 2006 , 66, 1866-75	2.8	41
101	Pituitary, adrenal, immune and performance responses of mature Holstein x Friesian bulls housed on slatted floors at various space allowances. <i>Veterinary Journal</i> , 2007 , 173, 594-604	2.5	40
100	Reproductive management in dairy cows - the future. <i>Irish Veterinary Journal</i> , 2018 , 71, 1	2.2	39

99	Evaluation of models to induce low progesterone during the early luteal phase in cattle. <i>Theriogenology</i> , 2009 , 72, 986-92	2.8	39
98	Effect of progesterone supplementation in the first week post conception on embryo survival in beef heifers. <i>Theriogenology</i> , 2009 , 71, 1173-9	2.8	38
97	Effect of cortisol infusion patterns and castration on metabolic and immunological indices of stress response in cattle. <i>Domestic Animal Endocrinology</i> , 2004 , 26, 329-49	2.3	38
96	Effect of repeated regrouping and relocation on the physiological, immunological, and hematological variables and performance of steers. <i>Journal of Animal Science</i> , 2005 , 83, 1948-58	0.7	38
95	Resumption of follicular waves in beef cows is not associated with periparturient changes in follicle-stimulating hormone heterogeneity despite major changes in steroid and luteinizing hormone concentrations. <i>Biology of Reproduction</i> , 1998 , 58, 1445-50	3.9	37
94	Akt and Erk signal transduction pathways are early markers of differentiation in dominant and subordinate ovarian follicles in cattle. <i>Reproduction</i> , 2007 , 133, 617-26	3.8	35
93	Effects of follicle-stimulating hormone with and without luteinizing hormone on serum hormone concentrations, follicle growth, and intrafollicular estradiol and aromatase activity in gonadotropin-releasing hormone-immunized heifers. <i>Biology of Reproduction</i> , 2001 , 64, 368-74	3.9	34
92	Ultrasound monitoring of blood flow and echotexture of the corpus luteum and uterus during early pregnancy of beef heifers. <i>Theriogenology</i> , 2015 , 83, 449-58	2.8	33
91	Effects of cortisol on in vitro interferon-gamma production, acute-phase proteins, growth, and feed intake in a calf castration model. <i>Journal of Animal Science</i> , 1997 , 75, 1041-7	0.7	33
90	The usefulness of a single measurement of insulin-like growth factor-1 as a predictor of embryo yield and pregnancy rates in a bovine MOET program. <i>Theriogenology</i> , 2005 , 64, 1977-94	2.8	30
89	The relationship between activity clusters detected by an automatic activity monitor and endocrine changes during the periestrous period in lactating dairy cows. <i>Journal of Dairy Science</i> , 2015 , 98, 1666-84	4	29
88	Effect of exogenous progesterone supplementation in the early luteal phase post-insemination on pregnancy per artificial insemination in Holstein-Friesian cows. <i>Animal Reproduction Science</i> , 2014 , 150, 7-14	2.1	28
87	Transportation stress alters the circulating steroid environment and neutrophil gene expression in beef bulls. <i>Veterinary Immunology and Immunopathology</i> , 2008 , 121, 300-20	2	28
86	Relationship between pregnancy per artificial insemination and early luteal concentrations of progesterone and establishment of repeatability estimates for these traits in Holstein-Friesian heifers. <i>Journal of Dairy Science</i> , 2012 , 95, 2390-6	4	27
85	Evaluation of protocols to synchronize estrus and ovulation in seasonal calving pasture-based dairy production systems. <i>Journal of Dairy Science</i> , 2011 , 94, 4488-501	4	27
84	Screening for testosterone, methyltestosterone, 19-nortestosterone residues and their metabolites in bovine urine with enzyme-linked immunosorbent assay (ELISA). <i>Analytica Chimica Acta</i> , 2006 , 570, 116-123	6.6	26
83	Effects of age of Holstein-Friesian calves on plasma cortisol, acute-phase proteins, immunological function, scrotal measurements and growth in response to Burdizzo castration. <i>Animal Science</i> , 2005 , 80, 377-386		25
82	Integrated ovarian mRNA and miRNA transcriptome profiling characterizes the genetic basis of prolificacy traits in sheep (<i>Ovis aries</i>). <i>BMC Genomics</i> , 2018 , 19, 104	4.5	24

81	Alterations in follicular IGFBP mRNA expression and follicular fluid IGFBP concentrations during the first follicle wave in beef heifers. <i>Animal Reproduction Science</i> , 2006 , 93, 199-217	2.1	24
80	Prediction of metabolic clusters in early-lactation dairy cows using models based on milk biomarkers. <i>Journal of Dairy Science</i> , 2019 , 102, 2631-2644	4	23
79	Effects of banding or burdizzo castration of bulls on neutrophil phagocytosis and respiratory burst, CD62-L expression, and serum interleukin-8 concentration. <i>Journal of Animal Science</i> , 2009 , 87, 3187-95	0.7	23
78	Key Factors Affecting Reproductive Success of Thoroughbred Mares and Stallions on a Commercial Stud Farm. <i>Reproduction in Domestic Animals</i> , 2016 , 51, 181-7	1.6	23
77	Effect of breed, plane of nutrition and age on growth, scrotal development, metabolite concentrations and on systemic gonadotropin and testosterone concentrations following a GnRH challenge in young dairy bulls. <i>Theriogenology</i> , 2017 , 96, 58-68	2.8	20
76	Effect of manipulating progesterone before timed artificial insemination on reproductive and endocrine parameters in seasonal-calving, pasture-based Holstein-Friesian cows. <i>Journal of Dairy Science</i> , 2016 , 99, 6780-6792	4	20
75	Glycoproteins and glycosidases of the cervix during the periestrous period in cattle. <i>Journal of Animal Science</i> , 2011 , 89, 4032-42	0.7	20
74	Effect of repeated regrouping and relocation on behaviour of steers. <i>Applied Animal Behaviour Science</i> , 2008 , 110, 229-243	2.2	20
73	Gonadotrophin heterogeneity and its role in farm animal reproduction. <i>Animal Reproduction Science</i> , 1996 , 41, 77-99	2.1	20
72	The effect of eCG or estradiol at or after norgestomet removal on follicular dynamics, estrus and ovulation in early post-partum beef cows nursing calves. <i>Theriogenology</i> , 2004 , 61, 725-34	2.8	19
71	Reproductive efficiency and survival of Holstein-Friesian cows of divergent Economic Breeding Index, evaluated under seasonal calving pasture-based management. <i>Journal of Dairy Science</i> , 2020 , 103, 1685-1700	4	17
70	Effect of banding or burdizzo castration on plasma testosterone, acute-phase proteins, scrotal circumference, growth, and health of bulls. <i>Livestock Science</i> , 2008 , 117, 79-87	1.7	17
69	Banding or Burdizzo castration and carprofen administration on peripheral leukocyte inflammatory cytokine transcripts. <i>Research in Veterinary Science</i> , 2011 , 90, 127-32	2.5	16
68	Early pregnancy diagnosis on days 18 to 21 postinsemination using high-resolution imaging in lactating dairy cows. <i>Journal of Dairy Science</i> , 2014 , 97, 3542-57	4	15
67	Risk factors that affect reproductive target achievement in fertile dairy cows. <i>Journal of Dairy Science</i> , 2014 , 97, 3472-87	4	15
66	Effects of systemic progesterone during the early luteal phase on the availabilities of amino acids and glucose in the bovine uterine lumen. <i>Reproduction, Fertility and Development</i> , 2014 , 26, 282-92	1.8	15
65	Altered endometrial immune gene expression in beef heifers with retarded embryos. <i>Reproduction, Fertility and Development</i> , 2013 , 25, 966-70	1.8	15
64	Effects of diet type on establishment of pregnancy and embryo development in beef heifers. <i>Animal Reproduction Science</i> , 2012 , 133, 139-45	2.1	15

63	Triennial Lactation Symposium: Effects of stress on postpartum reproduction in dairy cows. <i>Journal of Animal Science</i> , 2012 , 90, 1722-7	0.7	15
62	Consistency and stability of behavioural fear responses of heifers to different fear-eliciting situations involving humans. <i>Applied Animal Behaviour Science</i> , 2011 , 131, 21-28	2.2	15
61	Alterations in systemic concentrations of progesterone during the early luteal phase affect RBP4 expression in the bovine uterus. <i>Reproduction, Fertility and Development</i> , 2012 , 24, 715-22	1.8	15
60	The effect of estradiol benzoate on synchrony of estrus and fertility in cattle after removal of a progesterone-releasing intravaginal device. <i>Theriogenology</i> , 2001 , 55, 1807-18	2.8	15
59	Immunization of prepubertal beef heifers against gonadotropin-releasing hormone: immune, estrus, ovarian, and growth responses. <i>Journal of Animal Science</i> , 1995 , 73, 3030-7	0.7	15
58	Factors associated with fertility outcomes in cows treated with protocols to synchronize estrus and ovulation in seasonal-calving, pasture-based dairy production systems. <i>Journal of Dairy Science</i> , 2013 , 96, 1485-98	4	14
57	Comparison of mRNA for IGFs and their binding proteins in the oviduct during the peri-oestrous period between dairy heifers and lactating cows. <i>Reproduction</i> , 2011 , 142, 457-65	3.8	14
56	Effect of prepartum diet on postpartum ovarian activity in Holstein cows in a pasture-based dairy system. <i>Animal Reproduction Science</i> , 2009 , 114, 1-13	2.1	14
55	Effects of synchronization treatments on ovarian follicular dynamics, corpus luteum growth, and circulating steroid hormone concentrations in lactating dairy cows. <i>Journal of Dairy Science</i> , 2012 , 95, 743-54	4	13
54	The effect of sea transport from Ireland to the Lebanon on inflammatory, adrenocortical, metabolic and behavioural responses of bulls. <i>Research in Veterinary Science</i> , 2011 , 91, 454-64	2.5	13
53	Technical note: effect of corticotropin-releasing hormone on adrenocorticotrophic hormone and cortisol in steers. <i>Journal of Animal Science</i> , 2004 , 82, 1952-6	0.7	13
52	Establishment of critical timing of progesterone supplementation on corpus luteum and embryo development in beef heifers. <i>Animal Reproduction Science</i> , 2017 , 180, 1-9	2.1	12
51	Plane of nutrition before and after 6 months of age in Holstein-Friesian bulls: II. Effects on metabolic and reproductive endocrinology and identification of physiological markers of puberty and sexual maturation. <i>Journal of Dairy Science</i> , 2018 , 101, 3460-3475	4	12
50	Effects of physiological and/or disease status on the response of postpartum dairy cows to synchronization of estrus using an intravaginal progesterone device. <i>Theriogenology</i> , 2014 , 82, 1263-72	2.8	12
49	A comparison of serum metabolic and production profiles of dairy cows that maintained or lost body condition 15 days before calving. <i>Journal of Dairy Science</i> , 2017 , 100, 536-547	4	12
48	Acute dietary restriction in heifers alters expression of genes regulating exposure and response to gonadotrophins and IGF in dominant follicles. <i>Animal Reproduction Science</i> , 2012 , 133, 43-51	2.1	12
47	Endometrial expression of progesterone-induced blocking factor and galectins-1, -3, -9, and -3 binding protein in the luteal phase and early pregnancy in cattle. <i>Physiological Genomics</i> , 2011 , 43, 903-10 ⁶	2.6	12
46	Active immunization against prostaglandin F2 alpha: effect of conjugate dose and booster interval on antibody titers and estrous behavior in postpubertal beef heifers. <i>Journal of Animal Science</i> , 1994 , 72, 1778-85	0.7	12

45	The influence of cow and management factors on reproductive performance of Irish seasonal calving dairy cows. <i>Animal Reproduction Science</i> , 2013 , 141, 34-41	2.1	11
44	Genome-wide association for milk production and lactation curve parameters in Holstein dairy cows. <i>Journal of Animal Breeding and Genetics</i> , 2020 , 137, 292-304	2.9	11
43	Potential of milk mid-infrared spectra to predict nitrogen use efficiency of individual dairy cows in early lactation. <i>Journal of Dairy Science</i> , 2020 , 103, 4435-4445	4	9
42	Global proteomic characterization of uterine histotroph recovered from beef heifers yielding good quality and degenerate day 7 embryos. <i>Domestic Animal Endocrinology</i> , 2014 , 46, 49-57	2.3	9
41	The effect of lactation on post-partum uterine involution in Holstein dairy cows. <i>Reproduction in Domestic Animals</i> , 2013 , 48, 888-92	1.6	9
40	The effect of body condition at calving and supplementation with <i>Saccharomyces cerevisiae</i> on energy status and some reproductive parameters in early lactation dairy cows. <i>Animal Reproduction Science</i> , 2010 , 121, 63-71	2.1	9
39	Normal or induced secretory patterns of luteinising hormone and follicle-stimulating hormone in anoestrous gonadotrophin-releasing hormone-immunised and cyclic control heifers. <i>Animal Reproduction Science</i> , 1996 , 45, 177-90	2.1	9
38	Differences in the bovine milk whey proteome between early pregnancy and the estrous cycle. <i>Theriogenology</i> , 2018 , 114, 301-307	2.8	8
37	Evaluation of peripheral lymphoreticular biopsy techniques and their clinical side effects in sheep. <i>Veterinary Record</i> , 2002 , 150, 97-102	0.9	8
36	Between- and within-herd variation in blood and milk biomarkers in Holstein cows in early lactation. <i>Animal</i> , 2020 , 14, 1067-1075	3.1	8
35	Whole sunflower seeds as a source of polyunsaturated fatty acids for grazing dairy cows: Effects on metabolic profiles and resumption of postpartum ovarian cyclicity. <i>Livestock Science</i> , 2008 , 119, 183-193 ^{1.7}	1.7	7
34	Alterations in the ability of the bovine pituitary gland to secrete gonadotropins in vitro during the first follicle-stimulating hormone increase of the estrous cycle and in response to exogenous steroids. <i>Domestic Animal Endocrinology</i> , 2005 , 28, 190-201	2.3	7
33	Characterization of the composition of bovine urine and its effect on the electrochemical analysis of the model mediator, p-aminophenol. <i>Analytica Chimica Acta</i> , 2005 , 554, 79-85	6.6	7
32	The effect of estradiol benzoate or a synthetic gonadotropin-releasing hormone used at the start of a progesterone treatment on estrous response in cattle. <i>Theriogenology</i> , 2001 , 56, 79-90	2.8	7
31	Characterization of follicle and CL development in beef heifers using high resolution three-dimensional ultrasonography. <i>Theriogenology</i> , 2014 , 81, 407-18	2.8	6
30	An on-farm investigation of beef suckler herds using an animal welfare index (AWI). <i>BMC Veterinary Research</i> , 2010 , 6, 55	2.7	6
29	Effects of Burdizzo castration on CO2 laser induced thermal nociception of HolsteinFriesian calves of different ages. <i>Applied Animal Behaviour Science</i> , 2010 , 126, 12-18	2.2	6
28	Is the avoidance distance test for the assessment of animals' responsiveness to humans influenced by either the dominant or flightiest animal in the group?. <i>Applied Animal Behaviour Science</i> , 2011 , 132, 107-113	2.2	4

27	Temporal patterns of inflammatory gene expression in local tissues after banding or burdizzo castration in cattle. <i>BMC Veterinary Research</i> , 2009 , 5, 36	2.7	4
26	Follicular growth and serum follicle-stimulating hormone (FSH) responses to recombinant bovine FSH in GnRH-immunized anoestrous heifers. <i>Animal Science</i> , 2001 , 73, 115-122		4
25	Effect of Pregnancy and Progesterone on Gene Expression in the Uterine Endometrium of Cattle.. <i>Biology of Reproduction</i> , 2008 , 78, 60-61	3.9	4
24	Relationship between plasma concentrations of IGF-I and clinical endometritis, and response to progesterone synchrony in dairy cows during early lactation. <i>Journal of Dairy Science</i> , 2020 , 103, 9493-9501	4.1	4
23	Relationships between metabolic profiles and gene expression in liver and leukocytes of dairy cows in early lactation. <i>Journal of Dairy Science</i> , 2021 , 104, 3596-3616	4	4
22	Role of early life nutrition on regulating the hypothalamic-pituitary-gonadal axis of the bull. <i>Reproduction</i> , 2018 , 156, 283-297	3.8	4
21	A Genome-Wide Association Study for Calving Interval in Holstein Dairy Cows Using Weighted Single-Step Genomic BLUP Approach. <i>Animals</i> , 2020 , 10,	3.1	3
20	Relationship between serum gonadotropins and pituitary immunoreactive gonadotropins and steroid receptors during the first FSH increase of the estrous cycle and following steroid treatment in heifers. <i>Animal Reproduction Science</i> , 2009 , 112, 66-82	2.1	3
19	Gonadotrophs Control of Terminal Follicular Growth in Cattle. <i>Reproduction in Domestic Animals</i> , 1999 , 34, 157-166	1.6	3
18	Predicting physiological imbalance in Holstein dairy cows by three different sets of milk biomarkers. <i>Preventive Veterinary Medicine</i> , 2020 , 179, 105006	3.1	2
17	Hormonal composition of follicular fluid from abnormal follicular structures in mares. <i>Research in Veterinary Science</i> , 2014 , 97, 488-90	2.5	2
16	Prostaglandin F2 alpha immunization of prepubertal beef heifers: effects of conjugate dose and timing of immunization relative to puberty on the onset of puberty and subsequent ovarian function. <i>Journal of Reproductive Immunology</i> , 1994 , 27, 227-40	4.2	2
15	Electrochemical assay of sorbitol dehydrogenase at PEDOT modified electrodes - a new milk biomarker for confirmation of pregnancy in dairy cattle. <i>Analyst, The</i> , 2020 , 145, 7267-7278	5	2
14	Effect of calfhood 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
13	Using examination performance data and focus groups to inform teaching - a case study from final year students of veterinary medicine. <i>Irish Veterinary Journal</i> , 2020 , 73, 1	2.2	1
12	Immunisation of heifers against prostaglandin F2 α . <i>Livestock Science</i> , 1995 , 42, 213-221		1
11	Administration of prostaglandin F2 α to heifers with persistent corpora lutea following prostaglandin F2 α immunization: oestrus and ovarian responses. <i>Animal Reproduction Science</i> , 1996 , 44, 71-78	2.1	1
10	Pregnancy-Specific Endometrial Gene Expression at the Initiation of Conceptus Elongation in Cattle.. <i>Biology of Reproduction</i> , 2009 , 81, 303-303	3.9	1

9	Effect of plane of nutrition during the first 12 weeks of life on growth, metabolic and reproductive hormone concentrations, and testicular relative mRNA abundance in preweaned Holstein Friesian bull calves. <i>Journal of Animal Science</i> , 2021 , 99,	0.7	1
8	Global transcriptomic profiles of circulating leucocytes in early lactation cows with clinical or subclinical mastitis. <i>Molecular Biology Reports</i> , 2021 , 48, 4611-4623	2.8	1
7	Cow-level prevalence and risk factors for estrus detection inaccuracy in seasonal calving pasture-based dairy cows. <i>Theriogenology</i> , 2021 , 161, 41-48	2.8	1
6	Genome-wide association for metabolic clusters in early-lactation Holstein dairy cows. <i>Journal of Dairy Science</i> , 2020 , 103, 6392-6406	4	0
5	Associations between Circulating IGF-1 Concentrations, Disease Status and the Leukocyte Transcriptome in Early Lactation Dairy Cows. <i>Ruminants</i> , 2021 , 1, 147-177		0
4	Comparison of the transcriptome in circulating leukocytes in early lactation between primiparous and multiparous cows provides evidence for age-related changes. <i>BMC Genomics</i> , 2021 , 22, 693	4.5	0
3	Reproduction, Events and Management: Estrous Cycles: Characteristics 2016 ,		
2	Estimation of the true prevalence of inaccurate artificial inseminations in Irish milk recording dairy cows using a Bayesian latent class analysis. <i>Preventive Veterinary Medicine</i> , 2021 , 197, 105502	3.1	
1	Reproduction, Events and Management: Estrous Cycles: Characteristics 2022 , 948-953		