

Wolfgang Heuwieser

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

2,493
citations

185998

28
h-index

243296

44
g-index

101
all docs

101
docs citations

101
times ranked

2137
citing authors

#	ARTICLE	IF	CITATIONS
1	Selected pro-inflammatory factor transcripts in bovine endometrial epithelial cells are regulated during the oestrous cycle and elevated in case of subclinical or clinical endometritis. <i>Reproduction, Fertility and Development</i> , 2010, 22, 818.	0.1	141
2	Impact of heat stress on conception rate of dairy cows in the moderate climate considering different temperature-humidity index thresholds, periods relative to breeding, and heat load indices. <i>Theriogenology</i> , 2014, 81, 1050-1057.	0.9	140
3	Innate immunity and inflammation of the bovine female reproductive tract in health and disease. <i>Reproduction</i> , 2014, 148, R41-R51.	1.1	115
4	Monitoring the body temperature of cows and calves using video recordings from an infrared thermography camera. <i>Veterinary Research Communications</i> , 2013, 37, 91-99.	0.6	110
5	Time-dependent mRNA expression of selected pro-inflammatory factors in the endometrium of primiparous cows postpartum. <i>Reproductive Biology and Endocrinology</i> , 2010, 8, 152.	1.4	81
6	The associations between postpartum serum haptoglobin concentration and metabolic status, calving difficulties, retained fetal membranes, and metritis. <i>Journal of Dairy Science</i> , 2015, 98, 4544-4551.	1.4	62
7	Invited review: Antibiotic treatment of metritis in dairy cows: A systematic approach. <i>Journal of Dairy Science</i> , 2014, 97, 6649-6661.	1.4	59
8	Prevalence of pathogens in milk samples of dairy cows with clinical mastitis and in heifers at first parturition. <i>Journal of Dairy Research</i> , 2009, 76, 179-187.	0.7	58
9	Canine scent detection-Fact or fiction?. <i>Applied Animal Behaviour Science</i> , 2013, 148, 201-208.	0.8	56
10	Hypocalcemia-Cow-level prevalence and preventive strategies in German dairy herds. <i>Journal of Dairy Science</i> , 2017, 100, 9258-9266.	1.4	52
11	Use of Ovsynch in dairy herds-differences between primiparous and multiparous cows. <i>Animal Reproduction Science</i> , 2004, 81, 1-11.	0.5	51
12	Impact of heat stress on estrus expression and follicle size in estrus under field conditions in dairy cows. <i>Theriogenology</i> , 2017, 102, 48-53.	0.9	51
13	Influence of stage of lactation and milk production on conception rates after timed artificial insemination following Ovsynch. <i>Theriogenology</i> , 2003, 60, 1527-1537.	0.9	49
14	An approach to identify bias in scent detection dog testing. <i>Applied Animal Behaviour Science</i> , 2017, 189, 1-12.	0.8	48
15	Effect of heat stress on body temperature in healthy early postpartum dairy cows. <i>Theriogenology</i> , 2012, 78, 2031-2038.	0.9	44
16	Treatment of chronic endometritis in dairy cows with an intrauterine application of enzymes. <i>Theriogenology</i> , 2005, 63, 1811-1823.	0.9	42
17	Correlations between periparturient serum concentrations of non-esterified fatty acids, beta-hydroxybutyric acid, bilirubin, and urea and the occurrence of clinical and subclinical postpartum bovine endometritis. <i>BMC Veterinary Research</i> , 2010, 6, 47.	0.7	41
18	Transcriptional response of the bovine endometrium and embryo to endometrial polymorphonuclear neutrophil infiltration as an indicator of subclinical inflammation of the uterine environment. <i>Reproduction, Fertility and Development</i> , 2012, 24, 778.	0.1	40

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19	Consumers' attitudes about milk quality and fertilization methods in dairy cows in Germany. <i>Journal of Dairy Science</i> , 2016, 99, 3162-3170.	1.4	38
20	Antibiotic treatment of metritis in dairy cows: A meta-analysis. <i>Journal of Dairy Science</i> , 2017, 100, 3783-3795.	1.4	38
21	Association of postpartum hypocalcemia with early-lactation milk yield, reproductive performance, and culling in dairy cows. <i>Journal of Dairy Science</i> , 2018, 101, 9396-9405.	1.4	38
22	Agreement between rectal and vaginal temperature measured with temperature loggers in dairy cows. <i>Journal of Dairy Research</i> , 2013, 80, 240-245.	0.7	37
23	Training dogs on a scent platform for oestrus detection in cows. <i>Applied Animal Behaviour Science</i> , 2011, 131, 63-70.	0.8	36
24	A survey of drying-off practices on commercial dairy farms in northern Germany and a comparison to science-based recommendations. <i>Veterinary Record Open</i> , 2015, 2, e000068.	0.3	36
25	A critical evaluation of diagnostic methods used to identify dairy cows with acute post-partum metritis in the current literature. <i>Journal of Dairy Research</i> , 2012, 79, 436-444.	0.7	33
26	Short communication: Effect of adding a second prostaglandin F ₂ injection during the Ovsynch protocol on luteal regression and fertility in lactating dairy cows: A meta-analysis. <i>Journal of Dairy Science</i> , 2018, 101, 8566-8571.	1.4	32
27	Influence of Barn Climate, Body Postures and Milk Yield on the Respiration Rate of Dairy Cows. <i>Annals of Animal Science</i> , 2019, 19, 469-481.	0.6	31
28	Factors associated with body temperature of healthy Holstein dairy cows during the first 10 days in milk. <i>Journal of Dairy Research</i> , 2012, 79, 135-142.	0.7	30
29	Evaluation of Oestrous Detection in Dairy Cattle Comparing an Automated Activity Monitoring System to Visual Observation. <i>Reproduction in Domestic Animals</i> , 2014, 49, 621-628.	0.6	29
30	Odor Perception by Dogs: Evaluating Two Training Approaches for Odor Learning of Sniffer Dogs. <i>Chemical Senses</i> , 2017, 42, 435-441.	1.1	29
31	Effect of Heat Stress on Concentrations of Faecal Cortisol Metabolites in Dairy Cows. <i>Reproduction in Domestic Animals</i> , 2016, 51, 392-399.	0.6	28
32	Effect of short- and long-term heat stress on the conception risk of dairy cows under natural service and artificial insemination breeding programs. <i>Journal of Dairy Science</i> , 2016, 99, 2996-3002.	1.4	28
33	Effects of time and sampling location on concentrations of β -hydroxybutyric acid in dairy cows. <i>Journal of Dairy Science</i> , 2014, 97, 291-298.	1.4	27
34	Effect of a single injection of cabergoline at dry off on udder characteristics in high-yielding dairy cows. <i>Journal of Dairy Science</i> , 2017, 100, 3220-3232.	1.4	25
35	Minimum inhibitory concentrations of frequently used antibiotics against <i>Escherichia coli</i> and <i>Trueperella pyogenes</i> isolated from uteri of postpartum dairy cows. <i>Journal of Dairy Science</i> , 2018, 101, 1355-1364.	1.4	24
36	Comparison of two monitoring and treatment strategies for cows with acute puerperal metritis. <i>Theriogenology</i> , 2013, 79, 961-969.	0.9	23

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37	Evaluation of hyperketonemia risk period and screening protocols for early-lactation dairy cows. <i>Journal of Dairy Science</i> , 2015, 98, 3110-3119.	1.4	23
38	Short communication: Associations between blood glucose concentration, onset of hyperketonemia, and milk production in early lactation dairy cows. <i>Journal of Dairy Science</i> , 2017, 100, 5462-5467.	1.4	22
39	Serum calcium dynamics within the first 3 days in milk and the associated risk of acute puerperal metritis. <i>Journal of Dairy Science</i> , 2019, 102, 11428-11438.	1.4	22
40	Evaluation of prostaglandin F ₂ ± versus prostaglandin F ₂ ± plus gonadotropin-releasing hormone as Presynch methods preceding an Ovsynch in lactating dairy cows: A meta-analysis. <i>Journal of Dairy Science</i> , 2017, 100, 4065-4077.	1.4	20
41	Body temperature in early postpartum dairy cows. <i>Theriogenology</i> , 2014, 82, 121-131.	0.9	19
42	Effect of insemination after estrous detection on pregnancy per artificial insemination and pregnancy loss in a Presynch-Ovsynch protocol: A meta-analysis. <i>Journal of Dairy Science</i> , 2016, 99, 2248-2256.	1.4	19
43	Association between serum calcium dynamics around parturition and common postpartum diseases in dairy cows. <i>Journal of Dairy Science</i> , 2021, 104, 2243-2253.	1.4	19
44	Evidence-based medicine: quality and comparability of clinical trials investigating the efficacy of prostaglandin F ₂ ± for the treatment of bovine endometritis. <i>Journal of Dairy Research</i> , 2012, 79, 287-296.	0.7	18
45	Training Evidence-Based Veterinary Medicine by Collaborative Development of Critically Appraised Topics. <i>Journal of Veterinary Medical Education</i> , 2012, 39, 111-118.	0.4	18
46	Technical note: Intraobserver, interobserver, and test-retest reliabilities of an assessment of vaginal discharge from cows with and without acute puerperal metritis. <i>Journal of Dairy Science</i> , 2015, 98, 5460-5466.	1.4	18
47	Factors associated with estrous expression and subsequent fertility in lactating dairy cows using automated activity monitoring. <i>Journal of Dairy Science</i> , 2021, 104, 6267-6282.	1.4	18
48	Effects of oral treatment with N-acetylcysteine on the viscosity of intrauterine mucus and endometrial function in estrous mares. <i>Theriogenology</i> , 2012, 78, 1199-1208.	0.9	17
49	Diagnosis of acute puerperal metritis by electronic nose device analysis of vaginal discharge in dairy cows. <i>Theriogenology</i> , 2014, 82, 64-70.	0.9	17
50	Measurement of heat stress conditions at cow level and comparison to climate conditions at stationary locations inside a dairy barn. <i>Journal of Dairy Research</i> , 2016, 83, 305-311.	0.7	17
51	Randomized, controlled clinical trial on the efficacy of nonsteroidal antiinflammatory drugs for the treatment of acute puerperal metritis in dairy cows. <i>Journal of Dairy Science</i> , 2016, 99, 8241-8249.	1.4	17
52	Evaluation of 2 different treatment procedures after calving to improve harvesting of high-quantity and high-quality colostrum. <i>Journal of Dairy Science</i> , 2019, 102, 9370-9381.	1.4	17
53	Training Students to Appraise the Quality of Scientific Literature. <i>Journal of Veterinary Medical Education</i> , 2011, 38, 135-140.	0.4	16
54	Prediction of Parturition in Bitches Utilizing Continuous Vaginal Temperature Measurement. <i>Reproduction in Domestic Animals</i> , 2014, 49, 109-114.	0.6	16

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55	Receiver operating characteristic curve analysis to determine the diagnostic performance of serum haptoglobin concentration for the diagnosis of acute puerperal metritis in dairy cows. <i>Animal Reproduction Science</i> , 2014, 149, 145-151.	0.5	16
56	Predicting stage 2 of calving in Holstein-Friesian heifers. <i>Journal of Dairy Science</i> , 2017, 100, 4847-4856.	1.4	16
57	Sensitivity and specificity of a tail-activity measuring device for calving prediction in dairy cattle. <i>Journal of Dairy Science</i> , 2021, 104, 3353-3363.	1.4	16
58	Effect of Two Cooling Frequencies on Respiration Rate in Lactating Dairy Cows Under Hot and Humid Climate Conditions. <i>Annals of Animal Science</i> , 2019, 19, 821-834.	0.6	16
59	The value of the biomarkers cathelicidin, milk amyloid A, and haptoglobin to diagnose and classify clinical and subclinical mastitis. <i>Journal of Dairy Science</i> , 2021, 104, 2106-2122.	1.4	15
60	Short communication: Meta-analysis on therapy of bovine endometritis with prostaglandin F ₂ ±â€”An update. <i>Journal of Dairy Science</i> , 2018, 101, 10557-10564.	1.4	14
61	Evaluation of different analytical methods to assess failure of passive transfer in neonatal calves. <i>Journal of Dairy Science</i> , 2020, 103, 5387-5397.	1.4	13
62	Timing of artificial insemination using fresh or frozen semen after automated activity monitoring of estrus in lactating dairy cows. <i>Journal of Dairy Science</i> , 2021, 104, 3585-3595.	1.4	13
63	Application of Vaginal Temperature Measurement in Bitches. <i>Reproduction in Domestic Animals</i> , 2012, 47, 359-361.	0.6	11
64	Behavioural reactions before and during vaginal examination in dairy cows. <i>Applied Animal Behaviour Science</i> , 2012, 138, 18-27.	0.8	11
65	How to train a dog to detect cows in heatâ€”Training and success. <i>Applied Animal Behaviour Science</i> , 2015, 171, 39-46.	0.8	11
66	Short communication: Is hair cortisol a potential indicator for stress caused by chronic lameness in dairy cows?. <i>Journal of Dairy Science</i> , 2018, 101, 5439-5443.	1.4	11
67	Short communication: Microlearning courses are effective at increasing the feelings of confidence and accuracy in the work of dairy personnel. <i>Journal of Dairy Science</i> , 2019, 102, 9505-9511.	1.4	11
68	Effect of a phase I Coxiella burnetii inactivated vaccine on body temperature and milk yield in dairy cows. <i>Journal of Dairy Science</i> , 2016, 99, 541-550.	1.4	10
69	Comparison of pregnancy outcomes using either an Ovsynch or a Cosynch protocol for the first timed AI with liquid or frozen semen in lactating dairy cows. <i>Theriogenology</i> , 2018, 107, 21-26.	0.9	10
70	Residue concentration of cefquinome after intramammary dry cow therapy and short dry periods. <i>Journal of Dairy Science</i> , 2018, 101, 7540-7550.	1.4	10
71	A systematic review of studies performing the hypotonic swelling test to evaluate the quality of canine spermatozoa. <i>Reproduction in Domestic Animals</i> , 2014, 49, 1-6.	0.6	9
72	Validation of Bovine Oestrous-Specific Synthetic Molecules with Trained Scent Dogs; Similarities Between Natural and Synthetic Oestrous Smell. <i>Reproduction in Domestic Animals</i> , 2015, 50, 7-12.	0.6	9

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73	Detecting <i>Staphylococcus aureus</i> in milk from dairy cows using sniffer dogs. <i>Journal of Dairy Science</i> , 2018, 101, 4317-4324.	1.4	9
74	Udder firmness as a possible indicator for clinical mastitis. <i>Journal of Dairy Science</i> , 2017, 100, 2170-2183.	1.4	8
75	Survey of work processes on German dairy farms. <i>Journal of Dairy Science</i> , 2017, 100, 6583-6591.	1.4	8
76	Randomized clinical trial to evaluate the efficacy of prostaglandin F2 α to treat purulent vaginal discharge in lactating dairy cows. <i>Journal of Dairy Science</i> , 2018, 101, 11403-11412.	1.4	8
77	Evidence-based complementary and alternative veterinary medicine—a contradiction in terms?. <i>Berliner Und Munchener Tierarztliche Wochenschrift</i> , 2010, 123, 377-84.	0.7	8
78	<i>Staphylococcus aureus</i> strains in primiparous and multiparous cows in six herds with a high prevalence of <i>Staph. aureus</i> intramammary infections. <i>Journal of Dairy Research</i> , 2007, 74, 406-411.	0.7	7
79	Technical note: Assessment of milk temperature measured by automatic milking systems as an indicator of body temperature and fever in dairy cows. <i>Journal of Dairy Science</i> , 2014, 97, 4333-4339.	1.4	7
80	Lying behaviour and IgG-levels of newborn calves after feeding colostrum via tube and nipple bottle feeding. <i>Journal of Dairy Research</i> , 2016, 83, 298-304.	0.7	7
81	Short communication: Diagnosis and classification of clinical and subclinical mastitis utilizing a dynamometer and a handheld infrared thermometer. <i>Journal of Dairy Science</i> , 2019, 102, 6532-6539.	1.4	7
82	Inter-observer Agreement on a Checklist to Evaluate Scientific Publications in the Field of Animal Reproduction. <i>Journal of Veterinary Medical Education</i> , 2012, 39, 119-127.	0.4	6
83	Evaluation of udder firmness by palpation and a dynamometer. <i>Journal of Dairy Science</i> , 2014, 97, 3488-3497.	1.4	6
84	Evaluation of ear skin temperature as a cow-side test to predict postpartum calcium status in dairy cows. <i>Journal of Dairy Science</i> , 2016, 99, 6542-6549.	1.4	6
85	Evaluation of a CAT Database and Expert Appraisal of CATs Developed by Students. <i>Journal of Veterinary Medical Education</i> , 2017, 44, 676-685.	0.4	5
86	Influence of denaverine hydrochloride on calving ease in Holstein-Friesian heifers. <i>Journal of Dairy Science</i> , 2019, 102, 5410-5418.	1.4	5
87	Do Veterinary Students See a Need for More In-Course Discussion? A Survey. <i>Journal of Veterinary Medical Education</i> , 2015, 42, 340-345.	0.4	4
88	Evaluation of a filter system to harvest plasma for identification of failure of passive transfer in newborn calves. <i>Journal of Dairy Science</i> , 2019, 102, 557-566.	1.4	4
89	Luteal Presence and Ovarian Response at the Beginning of a Timed Artificial Insemination Protocol for Lactating Dairy Cows Affect Fertility: A Meta-Analysis. <i>Animals</i> , 2020, 10, 1551.	1.0	4
90	Serum haptoglobin and C-reactive protein concentration in relation to rectal and vaginal temperature of early postpartum sows. <i>Theriogenology</i> , 2016, 86, 862-867.	0.9	3

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91	Body temperature of bitches in the first week after parturition measured by ingestible loggers. <i>Reproduction in Domestic Animals</i> , 2018, 53, 63-69.	0.6	3
92	Quantitative analysis of cefquinome considering different matrix compositions of bovine colostrum and raw milk. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7465-7475.	1.9	3
93	Associations of $\hat{1}^2$ -hydroxybutyrate, cholesterol, triglycerides and high-density lipoproteins to non-esterified fatty acids pre- and postpartum. <i>Journal of Dairy Research</i> , 2016, 83, 447-452.	0.7	2
94	Effect of denaverine hydrochloride application to heifers on the APGAR score and lactate concentration in newborn calves. <i>Tierärztliche Praxis Ausgabe G: Grosstiere - Nutztiere</i> , 2018, 46, 150-153.	0.2	2
95	Calving Management: A Questionnaire Survey of Veterinary Subject Matter Experts and Non-Experts. <i>Animals</i> , 2021, 11, 3129.	1.0	2
96	Randomized clinical trial to evaluate the effects of a prepartum cholecalciferol injection on postpartum serum calcium dynamics and health and performance in early-lactation multiparous dairy cows. <i>Journal of Dairy Science</i> , 2022, 105, 1573-1588.	1.4	2
97	Residue concentration of cefquinome taking into account different milk fractions and comparing the performance of two screening tests. <i>Journal of Dairy Research</i> , 2019, 86, 319-322.	0.7	0