

Wolfgang Heuwieser

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.

96
papers

1,671
citations

23
h-index

35
g-index

101
ext. papers

2,081
ext. citations

2.8
avg, IF

5.09
L-index

#	Paper	IF	Citations
96	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	4	3
95	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	4	2
94	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	4	2
93	Association between serum calcium dynamics around parturition and common postpartum diseases in dairy cows. <i>Journal of Dairy Science</i> , 2021 , 104, 2243-2253	4	3
92	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	4	4
91	Evaluation of different analytical methods to assess failure of passive transfer in neonatal calves. <i>Journal of Dairy Science</i> , 2020 , 103, 5387-5397	4	6
90	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,	3.1	3
89	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	4	3
88	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	1.6	
87	Influence of denaverine hydrochloride on calving ease in Holstein-Friesian heifers. <i>Journal of Dairy Science</i> , 2019 , 102, 5410-5418	4	2
86	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	4	3
85	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	4	2
84	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	2	16
83	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	2	9
82	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	4	7
81	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	4	3
80	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	4	7

79	Detecting <i>Staphylococcus aureus</i> in milk from dairy cows using sniffer dogs. <i>Journal of Dairy Science</i> , 2018 , 101, 4317-4324	4	6
78	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	4	20
77	Short communication: Effect of adding a second prostaglandin F 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	4	22
76	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	2.8	6
75	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	4	16
74	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 ^{0.3}		0
73	Body temperature of bitches in the first week after parturition measured by ingestible loggers. <i>Reproduction in Domestic Animals</i> , 2018 , 53 Suppl 3, 63-69	1.6	1
72	Randomized clinical trial to evaluate the efficacy of prostaglandin F to treat purulent vaginal discharge in lactating dairy cows. <i>Journal of Dairy Science</i> , 2018 , 101, 11403-11412	4	4
71	Quantitative analysis of cefquinome considering different matrix compositions of bovine colostrum and raw milk. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 7465-7475	4.4	1
70	Short communication: Meta-analysis on therapy of bovine endometritis with prostaglandin F-An update. <i>Journal of Dairy Science</i> , 2018 , 101, 10557-10564	4	9
69	Residue concentration of cefquinome after intramammary dry cow therapy and short dry periods. <i>Journal of Dairy Science</i> , 2018 , 101, 7540-7550	4	7
68	Udder firmness as a possible indicator for clinical mastitis. <i>Journal of Dairy Science</i> , 2017 , 100, 2170-2183 ₄		4
67	An approach to identify bias in scent detection dog testing. <i>Applied Animal Behaviour Science</i> , 2017 , 189, 1-12	2.2	25
66	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	4	22
65	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	4	14
64	Predicting stage 2 of calving in Holstein-Friesian heifers. <i>Journal of Dairy Science</i> , 2017 , 100, 4847-4856	4	13
63	Survey of work processes on German dairy farms. <i>Journal of Dairy Science</i> , 2017 , 100, 6583-6591	4	6
62	Antibiotic treatment of metritis in dairy cows-A meta-analysis. <i>Journal of Dairy Science</i> , 2017 , 100, 3783-3795	4	20

61	Evaluation of prostaglandin F versus prostaglandin F 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	4	15
60	Evaluation of a CAT Database and Expert Appraisal of CATs Developed by Students. <i>Journal of Veterinary Medical Education</i> , 2017 , 44, 676-685	1.3	3
59	Hypocalcemia-Cow-level prevalence and preventive strategies in German dairy herds. <i>Journal of Dairy Science</i> , 2017 , 100, 9258-9266	4	29
58	Odor Perception by Dogs: Evaluating Two Training Approaches for Odor Learning of Sniffer Dogs. <i>Chemical Senses</i> , 2017 , 42, 435-441	4.8	18
57	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	2.8	31
56	Effect of Heat Stress on Concentrations of Faecal Cortisol Metabolites in Dairy Cows. <i>Reproduction in Domestic Animals</i> , 2016 , 51, 392-9	1.6	16
55	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	4	12
54	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	4.2	13
53	Serum haptoglobin and C-reactive protein concentration in relation to rectal and vaginal temperature of early postpartum sows. <i>Theriogenology</i> , 2016 , 86, 862-7	2.8	2
52	Consumers' Attitudes about milk quality and fertilization methods in dairy cows in Germany. <i>Journal of Dairy Science</i> , 2016 , 99, 3162-3170	4	20
51	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	4	22
50	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, 541-50	4	5
49	Associations of β -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	1.6	1
48	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	1.6	7
47	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, 305-11	1.6	13
46	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	4	3
45	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, 5460-6	4	13
44	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, 4544-51	4	40

43	Evaluation of hyperketonemia risk period and screening protocols for early-lactation dairy cows. <i>Journal of Dairy Science</i> , 2015 , 98, 3110-9	4	14
42	How to train a dog to detect cows in heat—training and success. <i>Applied Animal Behaviour Science</i> , 2015 , 171, 39-46	2.2	6
41	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	1.6	8
40	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	1.4	26
39	Do Veterinary Students See a Need for More In-Course Discussion? A Survey. <i>Journal of Veterinary Medical Education</i> , 2015 , 42, 340-5	1.3	1
38	Effects of time and sampling location on concentrations of β -hydroxybutyric acid in dairy cows. <i>Journal of Dairy Science</i> , 2014 , 97, 291-8	4	18
37	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, 1050-7	2.8	94
36	A systematic review of studies performing the hypo-osmotic swelling test to evaluate the quality of canine spermatozoa. <i>Reproduction in Domestic Animals</i> , 2014 , 49, 1-6	1.6	7
35	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, 145-51	2.1	11
34	Invited review: Antibiotic treatment of metritis in dairy cows: a systematic approach. <i>Journal of Dairy Science</i> , 2014 , 97, 6649-61	4	36
33	Innate immunity and inflammation of the bovine female reproductive tract in health and disease. <i>Reproduction</i> , 2014 , 148, R41-51	3.8	83
32	Body temperature in early postpartum dairy cows. <i>Theriogenology</i> , 2014 , 82, 121-31	2.8	13
31	Evaluation of udder firmness by palpation and a dynamometer. <i>Journal of Dairy Science</i> , 2014 , 97, 3488-97	4	4
30	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, 4333-9	4	5
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	1.6	23
28	Prediction of parturition in bitches utilizing continuous vaginal temperature measurement. <i>Reproduction in Domestic Animals</i> , 2014 , 49, 109-14	1.6	9
27	Diagnosis of acute puerperal metritis by electronic nose device analysis of vaginal discharge in dairy cows. <i>Theriogenology</i> , 2014 , 82, 64-70	2.8	14
26	Canine scent detection—fact or fiction?. <i>Applied Animal Behaviour Science</i> , 2013 , 148, 201-208	2.2	43

25	Monitoring the body temperature of cows and calves using video recordings from an infrared thermography camera. <i>Veterinary Research Communications</i> , 2013 , 37, 91-9	2.9	77
24	Comparison of two monitoring and treatment strategies for cows with acute puerperal metritis. <i>Theriogenology</i> , 2013 , 79, 961-9	2.8	20
23	Agreement between rectal and vaginal temperature measured with temperature loggers in dairy cows. <i>Journal of Dairy Research</i> , 2013 , 80, 240-5	1.6	24
22	Effects of oral treatment with N-acetylcysteine on the viscosity of intrauterine mucus and endometrial function in estrous mares. <i>Theriogenology</i> , 2012 , 78, 1199-208	2.8	11
21	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, 119-27	1.3	5
20	Application of vaginal temperature measurement in bitches. <i>Reproduction in Domestic Animals</i> , 2012 , 47 Suppl 6, 359-61	1.6	7
19	Effect of heat stress on body temperature in healthy early postpartum dairy cows. <i>Theriogenology</i> , 2012 , 78, 2031-8	2.8	32
18	Training evidence-based veterinary medicine by collaborative development of critically appraised topics. <i>Journal of Veterinary Medical Education</i> , 2012 , 39, 111-8	1.3	17
17	Behavioural reactions before and during vaginal examination in dairy cows. <i>Applied Animal Behaviour Science</i> , 2012 , 138, 18-27	2.2	9
16	Evidence-based medicine: quality and comparability of clinical trials investigating the efficacy of prostaglandin F _{2β} for the treatment of bovine endometritis. <i>Journal of Dairy Research</i> , 2012 , 79, 287-96	1.6	15
15	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, 778-93	1.8	30
14	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, 135-42	1.6	22
13	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, 436-44	1.6	24
12	Training students to appraise the quality of scientific literature. <i>Journal of Veterinary Medical Education</i> , 2011 , 38, 135-40	1.3	15
11	Training dogs on a scent platform for oestrus detection in cows. <i>Applied Animal Behaviour Science</i> , 2011 , 131, 63-70	2.2	29
10	Evidenzbasierte Regulationsmedizin [passt das zusammen?]. <i>Zeitschrift für Ganzheitliche Tiermedizin</i> , 2011 , 25, 138-142	0	
9	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	5	70
8	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, 818-29	1.8	112

7	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	2.7	25
6	Evidence-based complementary and alternative veterinary medicine--a contradiction in terms?. <i>Berliner Und Munchener Tierarztliche Wochenschrift</i> , 2010 , 123, 377-84		6
5	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, 179-87	1.6	43
4	Staphylococcus aureus strains in primiparous and multiparous cows in six herds with a high prevalence of Staph. aureus intramammary infections. <i>Journal of Dairy Research</i> , 2007 , 74, 406-11	1.6	5
3	Treatment of chronic endometritis in dairy cows with an intrauterine application of enzymes. A field trial. <i>Theriogenology</i> , 2005 , 63, 1811-23	2.8	31
2	Use of Ovsynch in dairy herds--differences between primiparous and multiparous cows. <i>Animal Reproduction Science</i> , 2004 , 81, 1-11	2.1	42
1	Influence of stage of lactation and milk production on conception rates after timed artificial insemination following Ovsynch. <i>Theriogenology</i> , 2003 , 60, 1527-37	2.8	42