Karin E SchÃ¼tz

List of Publications by Year
in descending order

56 papers	3,300 citations	172443 29 h-index	155644 55 g-index
56 all docs	56 docs citations	56 times ranked	2254 citing authors

#	Article	IF	Citations
1	Effect of solar radiation on dairy cattle behaviour, use of shade and body temperature in a pasture-based system. Applied Animal Behaviour Science, 2008, 109, 141-154.	1.9	250
2	A Global Search Reveals Epistatic Interaction Between QTL for Early Growth in the Chicken. Genome Research, 2003, 13, 413-421.	5.5	210
3	The Dominant white, Dun and Smoky Color Variants in Chicken Are Associated With Insertion/Deletion Polymorphisms in the PMEL17 GeneSequence data from this article have been deposited with the EMBL/GenBank Data Libraries under accession nos. AY636124, AY636125, AY636126, AY636127, AY636128, AY636129.. Genetics, 2004, 168, 1507-1518.	2.9	209
4	The twofold difference in adult size between the red junglefowl and White Leghorn chickens is largely explained by a limited number of QTLs. Animal Genetics, 2003, 34, 264-274.	1.7	185
5	Effects of Resource Allocation on Behavioural Strategies: A Comparison of Red Junglefowl (Gallus) Tj ETQq1 1 0.784314 rgBT /Overloc	1.1	173
6	Melanocortin 1-receptor (MC1R) mutations are associated with plumage colour in chicken. Animal Genetics, 2003, 34, 241-248.	1.7	164
7	The amount of shade influences the behavior and physiology of dairy cattle. Journal of Dairy Science, 2010, 93, 125-133.	3.4	160
8	Domestication effects on foraging strategy, social behaviour and different fear responses: a comparison between the red junglefowl (Gallus gallus) and a modern layer strain. Applied Animal Behaviour Science, 2001, 74, 1-14.	1.9	141
9	QTL analysis of a red junglefowl x White Leghorn intercross reveals trade-off in resource allocation between behavior and production traits. Behavior Genetics, 2002, 32, 423-433.	2.1	114
10	Major Growth QTLs in Fowl Are Related to Fearful Behavior: Possible Genetic Links Between Fear Responses and Production Traits in a Red Junglefowl Ã— White Leghorn Intercross. Behavior Genetics, 2004, 34, 121-130.	2.1	114
11	Feather-pecking and victim pigmentation. Nature, 2004, 431, 645-646.	27.8	110
12	Dairy cows prefer shade that offers greater protection against solar radiation in summer: Shade use, behaviour, and body temperature. Applied Animal Behaviour Science, 2009, 116, 28-34.	1.9	107
13	Feather pecking in chickens is genetically related to behavioural and developmental traits. Physiology and Behavior, 2005, 86, 52-60.	2.1	91
14	How important is shade to dairy cattle? Choice between shade or lying following different levels of lying deprivation. Applied Animal Behaviour Science, 2008, 114, 307-318.	1.9	85
15	Dairy cattle prefer shade over sprinklers: Effects on behavior and physiology. Journal of Dairy Science, 2011, 94, 273-283.	3.4	81
16	RED JUNGLE FOWL HAVE MORE CONTRAFREELOADING THAN WHITE LEGHORN LAYERS: EFFECT OF FOOD DEPRIVATION AND CONSEQUENCES FOR INFORMATION GAIN. Behaviour, 2002, 139, 1195-1209.	0.8	71
17	Calving body condition score affects indicators of health in grazing dairy cows. Journal of Dairy Science, 2013, 96, 5811-5825.	3.4	69
18	THE GENETIC ARCHITECTURE OF A FEMALE SEXUAL ORNAMENT. Evolution; International Journal of Organic Evolution, 2008, 62, 86-98.	2.3	68

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19	The genetic architecture of domestication in the chicken: effects of pleiotropy and linkage. Molecular Ecology, 2010, 19, 5140-5156.	3.9	68
20	Quantitative trait loci analysis of egg and meat production traits in a red junglefowlï¿½×White Leghorn cross. Animal Genetics, 2006, 37, 529-534.	1.7	62
21	Using water to cool cattle: Behavioral and physiological changes associated with voluntary use of cow showers. Journal of Dairy Science, 2011, 94, 3376-3386.	3.4	60
22	Cooling cows efficiently with water spray: Behavioral, physiological, and production responses to sprinklers at the feed bunk. Journal of Dairy Science, 2016, 99, 4607-4618.	3.4	52
23	Cooling cows efficiently with sprinklers: Physiological responses to water spray. Journal of Dairy Science, 2015, 98, 6925-6938.	3.4	50
24	A field study of the behavioral and physiological effects of varying amounts of shade for lactating cows at pasture. Journal of Dairy Science, 2014, 97, 3599-3605.	3.4	49
25	Quantitative Trait Loci for BMD and Bone Strength in an Intercross Between Domestic and Wildtype Chickens. Journal of Bone and Mineral Research, 2007, 22, 375-384.	2.8	42
26	Do different levels of moderate feed deprivation in dairy cows affect feeding motivation?. Applied Animal Behaviour Science, 2006, 101, 253-263.	1.9	39
27	Dairy cows use and prefer feed bunks fitted with sprinklers. Journal of Dairy Science, 2013, 96, 5035-5045.	3.4	38
28	Effects of 3 surface types on dairy cattle behavior, preference, and hygiene. Journal of Dairy Science, 2019, 102, 1530-1541.	3.4	35
29	Behavioral and Physiological Responses of Trap-Induced Stress in European Badgers. Journal of Wildlife Management, 2006, 70, 884-891.	1.8	30
30	Behavioral and physiological effects of a short-term feed restriction in lactating dairy cattle with different body condition scores at calving. Journal of Dairy Science, 2013, 96, 4465-4476.	3.4	29
31	Cooling cows with sprinklers: Spray duration affects physiological responses to heat load. Journal of Dairy Science, 2018, 101, 4412-4423.	3.4	29
32	Technical note: Comparison of instantaneous sampling and continuous observation of dairy cattle behavior in freestall housing. Journal of Dairy Science, 2016, 99, 8341-8346.	3.4	26
33	Cooling cows with sprinklers: Effects of soaker flow rate and timing on behavioral and physiological responses to heat load and production. Journal of Dairy Science, 2019, 102, 528-538.	3.4	25
34	Effects of short-term repeated exposure to different flooring surfaces on the behavior and physiology of dairy cattle. Journal of Dairy Science, 2014, 97, 2753-2762.	3.4	24
35	Assessing heat load in drylot dairy cattle: Refining on-farm sampling methodology. Journal of Dairy Science, 2016, 99, 8970-8980.	3.4	24
36	Different animal welfare orientations towards some key research areas of current relevance to pastoral dairy farming in New Zealand. New Zealand Veterinary Journal, 2015, 63, 31-36.	0.9	21

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37	Cooling cows with sprinklers: Timing strategy affects physiological responses to heat load. Journal of Dairy Science, 2018, 101, 11237-11246.	3.4	19
38	Effects of space allowance on the behavior and physiology of cattle temporarily managed on rubber mats. Journal of Dairy Science, 2015, 98, 6226-6235.	3.4	16
39	Sprinkler flow rate affects dairy cattle avoidance of spray to the head, but not overall, in an aversion race. Applied Animal Behaviour Science, 2016, 179, 23-31.	1.9	15
40	Manure contamination of drinking water influences dairy cattle water intake and preference. Applied Animal Behaviour Science, 2019, 217, 16-20.	1.9	15
41	Preferences for overhead sprinklers by naÃ¯ve beef steers: Test of two nozzle types. Applied Animal Behaviour Science, 2012, 137, 13-22.	1.9	14
42	Sprinkler flow rate affects dairy cattle preferences, heat load, and insect deterrence behavior. Applied Animal Behaviour Science, 2016, 182, 1-8.	1.9	14
43	Effects of two substrate types on the behaviour, cleanliness and thermoregulation of dairy calves. Applied Animal Behaviour Science, 2013, 147, 19-27.	1.9	13
44	Rearing substrate and space allowance influences locomotor play behaviour of dairy calves in an arena test. Applied Animal Behaviour Science, 2014, 154, 8-14.	1.9	13
45	Do rubber rings coated with lignocaine reduce the pain associated with ring castration of lambs?. Applied Animal Behaviour Science, 2014, 160, 56-63.	1.9	13
46	Dairy calvesâ€™ preference for rearing substrate. Applied Animal Behaviour Science, 2015, 168, 1-9.	1.9	12
47	Do dairy cattle use a woodchip bedded area to rest on when managed on pasture in summer?. Applied Animal Behaviour Science, 2020, 223, 104922.	1.9	10
48	Cow cooling on commercial drylot dairies: A description of 10 farms in California. California Agriculture, 2017, 71, 249-255.	0.8	10
49	Behavioral and physiological assessment of liquid nitrogen cryoablation to prevent horn development in dairy calves. Journal of Veterinary Behavior: Clinical Applications and Research, 2019, 31, 74-81.	1.2	8
50	Sampling strategy and measurement device affect vaginal temperature outcomes in lactating dairy cattle. Journal of Dairy Science, 2020, 103, 5414-5421.	3.4	8
51	Stepping behavior and muscle activity of dairy cattle standing on concrete or rubber flooring for 1 or 3 hours. Journal of Dairy Science, 2018, 101, 9472-9482.	3.4	5
52	Effects of short-term exposure to drinking water contaminated with manure on water and feed intake, production and lying behaviour in dairy cattle. Applied Animal Behaviour Science, 2021, 238, 105322.	1.9	4
53	Cattle priorities. , 2018, , 93-122.		2
54	Effect of a buccal meloxicam formulation on the behavioural response to ring castration of calves. Animal Production Science, 2019, 59, 564.	1.3	2

#	Article	IF	Citations
55	Effects of flooring surface and a supplemental heat source on location preference, behaviour and growth rates of dairy goat kids. Applied Animal Behaviour Science, 2019, 217, 36-42.	1.9	1
56	Effects of provision of drinking water on the behavior and growth rate of group-housed calves with different milk allowances. Journal of Dairy Science, 2022, 105, 4449-4460.	3.4	1