

Torben Larsen

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97
papers

2,457
citations

31
h-index

45
g-index

99
ext. papers

2,769
ext. citations

3.6
avg, IF

4.93
L-index

#	Paper	IF	Citations
97	Familial hypercholesterolemia and atherosclerosis in cloned minipigs created by DNA transposition of a human PCSK9 gain-of-function mutant. <i>Science Translational Medicine</i> , 2013 , 5, 166ra1	17.5	139
96	Whole small fish as a rich calcium source. <i>British Journal of Nutrition</i> , 2000 , 83, 191-196	3.6	111
95	High dietary calcium level decreases colonic phytate degradation in pigs fed a rapeseed diet. <i>Journal of Nutrition</i> , 1993 , 123, 559-66	4.1	99
94	Entomophagy among the Luo of Kenya: a potential mineral source?. <i>International Journal of Food Sciences and Nutrition</i> , 2006 , 57, 198-203	3.7	98
93	Metabolic and production profiles of dairy cows in response to decreased nutrient density to increase physiological imbalance at different stages of lactation. <i>Journal of Dairy Science</i> , 2012 , 95, 2362-80	4.0	76
92	L-lactate dehydrogenase and N-acetyl-beta-D-glucosaminidase activities in bovine milk as indicators of non-specific mastitis. <i>Journal of Dairy Research</i> , 2006 , 73, 431-40	1.6	69
91	Quarter health, milking interval, and sampling time during milking affect the concentration of milk constituents. <i>Journal of Dairy Science</i> , 2005 , 88, 3186-200	4	67
90	Heparan sulfate proteoglycans present PCSK9 to the LDL receptor. <i>Nature Communications</i> , 2017 , 8, 503	17.4	59
89	Calcium absorption from small soft-boned fish. <i>Journal of Trace Elements in Medicine and Biology</i> , 1998 , 12, 148-54	4.1	59
88	The effect of zeolite A supplementation in the dry period on periparturient calcium, phosphorus, and magnesium homeostasis. <i>Journal of Dairy Science</i> , 2002 , 85, 1855-62	4	56
87	The effects of dry period versus continuous lactation on metabolic status and performance in periparturient cows. <i>Journal of Dairy Science</i> , 2005 , 88, 3530-41	4	54
86	A model for detection of individual cow mastitis based on an indicator measured in milk. <i>Journal of Dairy Science</i> , 2006 , 89, 2980-98	4	52
85	Iron content in common Cambodian fish species: Perspectives for dietary iron intake in poor, rural households. <i>Food Chemistry</i> , 2007 , 104, 1226-1235	8.5	51
84	Metabolites and immune variables associated with somatic cell counts of primiparous dairy cows. <i>Journal of Dairy Science</i> , 2008 , 91, 2996-3009	4	50
83	The physiological basis of the migration continuum in brown trout (<i>Salmo trutta</i>). <i>Physiological and Biochemical Zoology</i> , 2014 , 87, 334-45	2	49
82	Fluorometric determination of beta-hydroxybutyrate in milk and blood plasma. <i>Journal of Dairy Science</i> , 2005 , 88, 2004-9	4	49
81	Priming the dairy cow for lactation: a review of dry cow feeding strategies. <i>Animal Research</i> , 2004 , 53, 453-473		48

80	Effects of a four-day hyperinsulinemic-euglycemic clamp in early and mid-lactation dairy cows on plasma concentrations of metabolites, hormones, and binding proteins. <i>Domestic Animal Endocrinology</i> , 2001 , 21, 169-85	2.3	47
79	Effect of dietary calcium level on mineral and trace element utilization from a rapeseed (<i>Brassica napus</i> L.) diet fed to ileum-fistulated pigs. <i>British Journal of Nutrition</i> , 1993 , 69, 211-24	3.6	47
78	Mineral content of traditional leafy vegetables from western Kenya. <i>International Journal of Food Sciences and Nutrition</i> , 2007 , 58, 595-602	3.7	46
77	The energy value of short-chain fatty acids infused into the caecum of pigs. <i>British Journal of Nutrition</i> , 1997 , 77, 745-56	3.6	45
76	Estimating degree of mastitis from time-series measurements in milk: a test of a model based on lactate dehydrogenase measurements. <i>Journal of Dairy Science</i> , 2007 , 90, 5415-27	4	42
75	Determination of lactate dehydrogenase (LDH) activity in milk by a fluorometric assay. <i>Journal of Dairy Research</i> , 2005 , 72, 209-16	1.6	42
74	Zinc excretion and retention in growing pigs fed increasing levels of zinc oxide. <i>Livestock Science</i> , 1995 , 43, 235-242		39
73	Identification of potential markers in blood for the development of subclinical and clinical mastitis in dairy cattle at parturition and during early lactation. <i>Journal of Dairy Science</i> , 2009 , 92, 5419-28	4	36
72	Soluble fiber extracted from potato pulp is highly fermentable but has no effect on risk markers of diabetes and cardiovascular disease in Goto-Kakizaki rats. <i>Nutrition Research</i> , 2007 , 27, 152-160	4	35
71	Diabetes with poor glycaemic control does not promote atherosclerosis in genetically modified hypercholesterolaemic minipigs. <i>Diabetologia</i> , 2015 , 58, 1926-36	10.3	34
70	Liver protein expression in dairy cows with high liver triglycerides in early lactation. <i>Journal of Dairy Science</i> , 2012 , 95, 2409-21	4	34
69	Protein quality and digestible energy of selected foods determined in balance trials with rats. <i>Plant Foods for Human Nutrition</i> , 1989 , 39, 13-21	3.9	33
68	Priming the cow for mobilization in the periparturient period: effects of supplementing the dry cow with saturated fat or linseed. <i>Journal of Dairy Science</i> , 2008 , 91, 1029-43	4	32
67	Generation of an index for physiological imbalance and its use as a predictor of primary disease in dairy cows during early lactation. <i>Journal of Dairy Science</i> , 2013 , 96, 2161-2170	4	31
66	Rye bread reduces plasma cholesterol levels in hypercholesterolaemic pigs when compared to wheat at similar dietary fibre level. <i>Journal of the Science of Food and Agriculture</i> , 2008 , 88, 1385-1393	4.3	31
65	Associations of udder-health indicators with cow factors and with intramammary infection in dairy cows. <i>Journal of Dairy Science</i> , 2014 , 97, 5459-73	4	29
64	Natural variation in biomarkers indicating mastitis in healthy cows. <i>Journal of Dairy Research</i> , 2011 , 78, 88-96	1.6	29
63	Changes in various metabolic parameters in blood and milk during experimental <i>Escherichia coli</i> mastitis for primiparous Holstein dairy cows during early lactation. <i>Journal of Animal Science and Biotechnology</i> , 2014 , 5, 47	6	26

62	Fluorometric determination of uric acid in bovine milk. <i>Journal of Dairy Research</i> , 2010 , 77, 438-44	1.6	26
61	Fluorometric determination of free glucose and glucose 6-phosphate in cows milk and other opaque matrices. <i>Food Chemistry</i> , 2015 , 166, 283-286	8.5	25
60	NMR-based metabonomics reveals that plasma betaine increases upon intake of high-fiber rye buns in hypercholesterolemic pigs. <i>Molecular Nutrition and Food Research</i> , 2009 , 53, 1055-62	5.9	25
59	Comparison between steeping and pelleting a mixed diet at different calcium levels on phytate degradation in pigs. <i>Canadian Journal of Animal Science</i> , 1997 , 77, 471-477	0.9	23
58	Contents of iron, calcium, zinc and β -carotene in commonly consumed vegetables in Bangladesh. <i>Journal of Food Composition and Analysis</i> , 2004 , 17, 587-595	4.1	22
57	Evaluation of clinical and clinical chemical parameters in periparturient cows. <i>Journal of Dairy Science</i> , 2001 , 84, 1749-58	4	22
56	Enzymatic-fluorometric quantification of cholesterol in bovine milk. <i>Food Chemistry</i> , 2012 , 135, 1261-7	8.5	18
55	Transfer of dietary zinc and fat to milk—evaluation of milk fat quality, milk fat precursors, and mastitis indicators. <i>Journal of Dairy Science</i> , 2008 , 91, 1544-51	4	18
54	The leafy vegetable amaranth (<i>Amaranthus gangeticus</i>) is a potent inhibitor of calcium availability and retention in rice-based diets. <i>British Journal of Nutrition</i> , 2003 , 90, 521-7	3.6	17
53	Daily food intake and digestibility in rats. <i>British Journal of Nutrition</i> , 1991 , 65, 29-35	3.6	17
52	Fluorometric determination of free and total isocitrate in bovine milk. <i>Journal of Dairy Science</i> , 2014 , 97, 7498-504	4	15
51	Effect of calcium, copper, and zinc levels in a rapeseed meal diet on mineral and trace element utilization in the rat. <i>Biological Trace Element Research</i> , 1992 , 35, 167-84	4.5	15
50	Tissues and organs as indicators of intestinal absorption of minerals and trace elements, evaluated in rats. <i>Biological Trace Element Research</i> , 1992 , 35, 185-99	4.5	15
49	Do different cow types respond differently to a reduction of concentrate supplementation in an Alpine low-input dairy system?. <i>Livestock Science</i> , 2014 , 170, 72-83	1.7	13
48	Enzymatic and fluorometric determination of triacylglycerols in cow milk and other opaque matrices. <i>Food Chemistry</i> , 2011 , 125, 1110-1115	8.5	13
47	Soaking and pelleting of pig diets alters the apparent absorption and retention of minerals. <i>Canadian Journal of Animal Science</i> , 1999 , 79, 477-483	0.9	13
46	Dephytinization of a rat diet. Consequences for mineral and trace element absorption. <i>Biological Trace Element Research</i> , 1993 , 39, 55-71	4.5	13
45	Variation in udder health indicators at different stages of lactation in goats with no udder infection. <i>Small Ruminant Research</i> , 2014 , 116, 51-56	1.7	12

44	Bone turnover in growing pigs fed three levels of dietary calcium. <i>Canadian Journal of Animal Science</i> , 2000 , 80, 547-557	0.9	12
43	Nutrient digestibilities in ingredients fed alone or in combinations. <i>British Journal of Nutrition</i> , 1991 , 66, 27-35	3.6	12
42	The Nutritive Value of Ten Inbred Lines of Faba Beans (<i>Vicia faba</i> L.) in Relation to their Content of Antinutritional Constituents and Protein Quality. <i>Plant Breeding</i> , 1988 , 101, 277-291	2.4	12
41	Enzymatic-fluorometric analyses for glutamine, glutamate and free amino groups in protein-free plasma and milk. <i>Journal of Dairy Research</i> , 2017 , 84, 32-35	1.6	11
40	Comparison between novel and standard methods for analysis of free fatty acids in milk [Including relation to rancid flavour. <i>International Dairy Journal</i> , 2017 , 75, 22-29	3.5	11
39	Pre- and postnatal nutrition in sheep affects β cell secretion and hypothalamic control. <i>Journal of Endocrinology</i> , 2013 , 219, 159-71	4.7	11
38	Optimizing the fluorometric β glucuronidase assay in ruminant milk for a more precise determination of mastitis. <i>Journal of Dairy Research</i> , 2012 , 79, 7-15	1.6	11
37	Milk enzyme activities and subclinical mastitis among women in Guinea-Bissau. <i>Breastfeeding Medicine</i> , 2008 , 3, 215-9	2.1	11
36	Minor milk constituents are affected by protein concentration and forage digestibility in the feed ration. <i>Journal of Dairy Research</i> , 2016 , 83, 12-9	1.6	11
35	Fluorometric determination of d-lactate in biological fluids. <i>Analytical Biochemistry</i> , 2017 , 539, 152-157	3.1	10
34	Apolipoprotein E Deficiency Increases Remnant Lipoproteins and Accelerates Progressive Atherosclerosis, But Not Xanthoma Formation, in Gene-Modified Minipigs. <i>JACC Basic To Translational Science</i> , 2017 , 2, 591-600	8.7	10
33	Short communication: associations between blood calcium status at calving and milk yield in dairy cows. <i>Journal of Dairy Science</i> , 2000 , 83, 2438-40	4	10
32	Milking time and risk of over-milking can be decreased with early teat cup removal based on udder quarter milk flow without loss in milk yield. <i>Journal of Dairy Science</i> , 2017 , 100, 6640-6647	4	9
31	Replacement of alfalfa hay (<i>Medicago sativa</i>) with maralfalfa hay (<i>Pennisetum</i> sp.) in diets of lactating dairy goats. <i>Animal Feed Science and Technology</i> , 2016 , 219, 1-12	3	9
30	Performance of Holstein and Swedish-Red \times Jersey/Holstein crossbred dairy cows within low- and medium-concentrate grassland-based systems. <i>Journal of Dairy Science</i> , 2018 , 101, 7258-7273	4	9
29	The effects of feed restriction on physical activity, body weight, physiology, haematology and immunology in female mink. <i>Research in Veterinary Science</i> , 2012 , 93, 936-42	2.5	9
28	Influence of udder infection status on milk enzyme activities and somatic cell count throughout early lactation in goats. <i>Small Ruminant Research</i> , 2013 , 111, 139-146	1.7	8
27	The effects of calcium, phosphorus and zinc supplementation on reproductive performance of crossbred dairy cows in Tanzania. <i>Tropical Animal Health and Production</i> , 2007 , 39, 317-23	1.7	8

26	Milk metabolites as noninvasive indicators of nutritional status of mid-lactation Holstein and Montbllarde cows. <i>Journal of Dairy Science</i> , 2020 , 103, 3133-3146	4	7
25	Weaning and separation stress: maternal motivation decreases with litter age and litter size in farmed mink. <i>Applied Animal Behaviour Science</i> , 2016 , 181, 152-159	2.2	7
24	Priming the cow for lactation by rapeseed supplementation in the dry period. <i>Journal of Dairy Science</i> , 2013 , 96, 3652-61	4	7
23	Liver protein expression in young pigs in response to a high-fat diet and diet restriction. <i>Journal of Animal Science</i> , 2013 , 91, 147-58	0.7	7
22	Estimated nutrient intakes and adequacies in Bangladesh change when newer values for vitamin A, iron and calcium in commonly consumed foods are applied. <i>International Journal of Food Sciences and Nutrition</i> , 2003 , 54, 457-65	3.7	7
21	Does zinc play a role in the resistance of milk to spontaneous lipolysis?. <i>International Dairy Journal</i> , 1995 , 5, 473-481	3.5	7
20	Digestive efficiency in rabbit does according to environment and genetic type. <i>World Rabbit Science</i> , 2012 , 20,	0.9	7
19	Effect of postpartum propylene glycol allocation to over-conditioned Holstein cows on concentrations of milk metabolites. <i>Journal of Dairy Research</i> , 2016 , 83, 156-64	1.6	6
18	Short communication: Effects of Bos taurus autosome 9-located quantitative trait loci haplotypes on enzymatic mastitis indicators of milk from dairy cows experimentally inoculated with Escherichia coli. <i>Journal of Dairy Science</i> , 2015 , 98, 5440-7	4	5
17	Comparison of immune response to lipopolysaccharide of rabbit does selected for litter size at weaning or founded for reproductive longevity. <i>Research in Veterinary Science</i> , 2013 , 94, 518-25	2.5	5
16	Lack of evidence of mastitis as a causal factor for postpartum dysgalactia syndrome in sows. <i>Translational Animal Science</i> , 2020 , 4, 250-263	1.4	5
15	Short communication: Diets supplemented with starch and corn oil, marine algae, or hydrogenated palm oil differently affect selected metabolite concentrations in cow and goat milk. <i>Journal of Dairy Science</i> , 2020 , 103, 5647-5653	4	4
14	Effect of dietary energy supply to dry Holstein cows with high or low body condition score at dry off on production and metabolism in early lactation. <i>Livestock Science</i> , 2014 , 168, 60-75	1.7	4
13	Pancreatic secretion of zinc and carboxypeptidase A and B in growing pigs. <i>Reproduction, Nutrition, Development</i> , 1998 , 38, 391-400		4
12	Inclusion of lemon leaves and rice straw into compound feed and its effect on nutrient balance, milk yield, and methane emissions in dairy goats. <i>Journal of Dairy Science</i> , 2020 , 103, 6178-6189	4	3
11	Effect of supplemental feeding with glycerol or propylene glycol in early lactation on the fertility of Swedish dairy cows. <i>Reproduction in Domestic Animals</i> , 2012 , 47, 988-94	1.6	3
10	The relationship between mineral and nitrogen balances in growing pigs fed diets supplemented with zinc oxide. <i>Canadian Journal of Animal Science</i> , 1996 , 76, 409-415	0.9	3
9	Fava beans can substitute soybean meal and rapeseed meal as protein source in diets for lactating dairy cows. <i>Journal of Dairy Science</i> , 2021 , 104, 5508-5521	4	3

8	Oral administration of lipopolysaccharides from <i>Escherichia coli</i> (serotype O111:B4) does not induce an effective systemic immune response in milk-fed Holstein calves. <i>Journal of Dairy Science</i> , 2020 , 103, 5525-5531	4	2
7	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
6	Effects of Exogenous Glucoamylase Enzymes Alone or in Combination with a Neutral Protease on Apparent Total Tract Digestibility and Feces -Lactate in Crossbred Angus Bulls Fed a Ration Rich in Rolled Corn. <i>Animals</i> , 2020 , 10,	3.1	2
5	Comparison of glucose concentration and glucose absorption from the GI-tract in pigs in whole blood and in plasma. <i>Livestock Science</i> , 2010 , 133, 30-33	1.7	2
4	Evaluation of Tissue Preparation for in vitro Study of Hepatic Long-Chain Fatty Acid Metabolism. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 2001 , 51, 47-52	0.6	2
3	Effects of castration on atherosclerosis in Yucatan minipigs with genetic hypercholesterolemia. <i>PLoS ONE</i> , 2020 , 15, e0234131	3.7	1
2	Copper Ions are Potent Inhibitors of Intestinal Phosphatases in the Pig. <i>Acta Agriculturae Scandinavica - Section A: Animal Science</i> , 1996 , 46, 18-25	0.6	1
1	Apparent Trace Element Absorption in Growing Pigs Fed Rations of Increasing Calcium Carbonate Content 2002 , 763-765		