Torben Larsen

List of Publications by Year
in descending order

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98	3,119	117571	182361
papers	citations	34 h-index	51 g-index

99	99	99	3270
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Familial Hypercholesterolemia and Atherosclerosis in Cloned Minipigs Created by DNA Transposition of a Human PCSK9 Gain-of-Function Mutant. Science Translational Medicine, 2013, 5, 166ra1.	5.8	170
2	Whole small fish as a rich calcium source. British Journal of Nutrition, 2000, 83, 191-196.	1.2	131
3	Entomophagy among the Luo of Kenya: a potential mineral source?. International Journal of Food Sciences and Nutrition, 2006, 57, 198-203.	1.3	117
4	High Dietary Calcium Level Decreases Colonic Phytate Degradation in Pigs Fed a Rapeseed Diet. Journal of Nutrition, 1993, 123, 559-566.	1.3	110
5	Metabolic and production profiles of dairy cows in response to decreased nutrient density to increase physiological imbalance at different stages of lactation. Journal of Dairy Science, 2012, 95, 2362-2380.	1.4	105
6	Heparan sulfate proteoglycans present PCSK9 to the LDL receptor. Nature Communications, 2017, 8, 503.	5.8	89
7	L-lactate dehydrogenase and N-acetyl-Î²-D-glucosaminidase activities in bovine milk as indicators of non-specific mastitis. Journal of Dairy Research, 2006, 73, 431-440.	0.7	88
8	Quarter Health, Milking Interval, and Sampling Time During Milking Affect the Concentration of Milk Constituents. Journal of Dairy Science, 2005, 88, 3186-3200.	1.4	82
9	The Effect of Zeolite A Supplementation in the Dry Period on Periparturient Calcium, Phosphorus, and Magnesium Homeostasis. Journal of Dairy Science, 2002, 85, 1855-1862.	1.4	72
10	The Effects of Dry Period Versus Continuous Lactation on Metabolic Status and Performance in Periparturient Cows. Journal of Dairy Science, 2005, 88, 3530-3541.	1.4	70
11	Calcium Absorption from Small Soft-boned Fish. Journal of Trace Elements in Medicine and Biology, 1998, 12, 148-154.	1.5	68
12	A Model for Detection of Individual Cow Mastitis Based on an Indicator Measured in Milk. Journal of Dairy Science, 2006, 89, 2980-2998.	1.4	62
13	Iron content in common Cambodian fish species: Perspectives for dietary iron intake in poor, rural households. Food Chemistry, 2007, 104, 1226-1235.	4.2	60
14	Priming the dairy cow for lactation: a review of dry cow feeding strategies. Animal Research, 2004, 53, 453-473.	0.6	59
15	The Physiological Basis of the Migration Continuum in Brown Trout (Salmo trutta). Physiological and Biochemical Zoology, 2014, 87, 334-345.	0.6	59
16	The energy value of short-chain fatty acids infused into the caecum of pigs. British Journal of Nutrition, 1997, 77, 745-756.	1.2	58
17	Fluorometric Determination of Î²-Hydroxybutyrate in Milk and Blood Plasma. Journal of Dairy Science, 2005, 88, 2004-2009.	1.4	57
18	Metabolites and Immune Variables Associated with Somatic Cell Counts of Primiparous Dairy Cows. Journal of Dairy Science, 2008, 91, 2996-3009.	1.4	56

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19	Identification of potential markers in blood for the development of subclinical and clinical mastitis in dairy cattle at parturition and during early lactation. Journal of Dairy Science, 2009, 92, 5419-5428.	1.4	56
20	Estimating Degree of Mastitis from Time-Series Measurements in Milk: A Test of a Model Based on Lactate Dehydrogenase Measurements. Journal of Dairy Science, 2007, 90, 5415-5427.	1.4	54
21	Effect of dietary calcium level on mineral and trace element utilization from a rapeseed (Brassica) Tj ETQq1 1 0.784314 rgBT /Overloc	1.2	52
22	Mineral content of traditional leafy vegetables from western Kenya. International Journal of Food Sciences and Nutrition, 2007, 58, 595-602.	1.3	52
23	Zinc excretion and retention in growing pigs fed increasing levels of zinc oxide. Livestock Science, 1995, 43, 235-242.	1.2	50
24	Determination of lactate dehydrogenase (LDH) activity in milk by a fluorometric assay. Journal of Dairy Research, 2005, 72, 209-216.	0.7	50
25	Effects of a four-day hyperinsulinemic-euglycemic clamp in early and mid-lactation dairy cows on plasma concentrations of metabolites, hormones, and binding proteins. Domestic Animal Endocrinology, 2001, 21, 169-185.	0.8	48
26	Associations of udder-health indicators with cow factors and with intramammary infection in dairy cows. Journal of Dairy Science, 2014, 97, 5459-5473.	1.4	46
27	Liver protein expression in dairy cows with high liver triglycerides in early lactation. Journal of Dairy Science, 2012, 95, 2409-2421.	1.4	44
28	Protein quality and digestible energy of selected foods determined in balance trials with rats. Plant Foods for Human Nutrition, 1989, 39, 13-21.	1.4	42
29	Priming the Cow for Mobilization in the Periparturient Period: Effects of Supplementing the Dry Cow with Saturated Fat or Linseed. Journal of Dairy Science, 2008, 91, 1029-1043.	1.4	40
30	Natural variation in biomarkers indicating mastitis in healthy cows. Journal of Dairy Research, 2011, 78, 88-96.	0.7	39
31	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. Nutrition Research, 2007, 27, 152-160.	1.3	37
32	Generation of an index for physiological imbalance and its use as a predictor of primary disease in dairy cows during early lactation. Journal of Dairy Science, 2013, 96, 2161-2170.	1.4	36
33	Diabetes with poor glycaemic control does not promote atherosclerosis in genetically modified hypercholesterolaemic minipigs. Diabetologia, 2015, 58, 1926-1936.	2.9	36
34	Rye bread reduces plasma cholesterol levels in hypercholesterolaemic pigs when compared to wheat at similar dietary fibre level. Journal of the Science of Food and Agriculture, 2008, 88, 1385-1393.	1.7	34
35	Fluorometric determination of free glucose and glucose 6-phosphate in cowsâ€™ milk and other opaque matrices. Food Chemistry, 2015, 166, 283-286.	4.2	34
36	Evaluation of Clinical and Clinical Chemical Parameters in Periparturient Cows. Journal of Dairy Science, 2001, 84, 1749-1758.	1.4	33

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37	Fluorometric determination of uric acid in bovine milk. Journal of Dairy Research, 2010, 77, 438-444.	0.7	33
38	NMRâ€based metabonomics reveals that plasma betaine increases upon intake of highâ€fiber rye buns in hypercholesterolemic pigs. Molecular Nutrition and Food Research, 2009, 53, 1055-1062.	1.5	32
39	Milk metabolites as noninvasive indicators of nutritional status of mid-lactation Holstein and MontbÃ©liarde cows. Journal of Dairy Science, 2020, 103, 3133-3146.	1.4	31
40	Changes in various metabolic parameters in blood and milk during experimental Escherichia coli mastitis for primiparous Holstein dairy cows during early lactation. Journal of Animal Science and Biotechnology, 2014, 5, 47.	2.1	30
41	Comparison between steeping and pelleting a mixed diet at different calcium levels on phytate degradation in pigs. Canadian Journal of Animal Science, 1997, 77, 471-477.	0.7	27
42	Contents of iron, calcium, zinc and Î²-carotene in commonly consumed vegetables in Bangladesh. Journal of Food Composition and Analysis, 2004, 17, 587-595.	1.9	26
43	Fluorometric determination of free and total isocitrate in bovine milk. Journal of Dairy Science, 2014, 97, 7498-7504.	1.4	24
44	Fluorometric determination of d-lactate in biological fluids. Analytical Biochemistry, 2017, 539, 152-157.	1.1	24
45	Enzymaticâ€“fluorometric quantification of cholesterol in bovine milk. Food Chemistry, 2012, 135, 1261-1267.	4.2	23
46	Enzymatic-fluorometric analyses for glutamine, glutamate and free amino groups in protein-free plasma and milk. Journal of Dairy Research, 2017, 84, 32-35.	0.7	22
47	The leafy vegetable amaranth (Amaranthus gangeticus) is a potent inhibitor of calcium availability and retention in rice-based diets. British Journal of Nutrition, 2003, 90, 521-527.	1.2	20
48	Transfer of Dietary Zinc and Fat to Milkâ€”Evaluation of Milk Fat Quality, Milk Fat Precursors, and Mastitis Indicators. Journal of Dairy Science, 2008, 91, 1544-1551.	1.4	20
49	Effect of calcium, copper, and zinc levels in a rapeseed meal diet on mineral and trace element utilization in the rat. Biological Trace Element Research, 1992, 35, 167-184.	1.9	19
50	Daily food intake and digestibility in rats. British Journal of Nutrition, 1991, 65, 29-35.	1.2	18
51	Dephytinization of a rat diet. Biological Trace Element Research, 1993, 39, 55-71.	1.9	18
52	Do different cow types respond differently to a reduction of concentrate supplementation in an Alpine low-input dairy system?. Livestock Science, 2014, 170, 72-83.	0.6	17
53	Performance of Holstein and Swedish-Red Ã— Jersey/Holstein crossbred dairy cows within low- and medium-concentrate grassland-based systems. Journal of Dairy Science, 2018, 101, 7258-7273.	1.4	17
54	Tissues and organs as indicators of intestinal absorption of minerals and trace elements, evaluated in rats. Biological Trace Element Research, 1992, 35, 185-199.	1.9	16

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55	Enzymatic and fluorometric determination of triacylglycerols in cow milk and other opaque matrices. Food Chemistry, 2011, 125, 1110-1115.	4.2	16
56	Minor milk constituents are affected by protein concentration and forage digestibility in the feed ration. Journal of Dairy Research, 2016, 83, 12-19.	0.7	16
57	Milk metabolites and fatty acids as noninvasive biomarkers of metabolic status and energy balance in early-lactation cows. Journal of Dairy Science, 2022, 105, 201-220.	1.4	16
58	Soaking and pelleting of pig diets alters the apparent absorption and retention of minerals. Canadian Journal of Animal Science, 1999, 79, 477-483.	0.7	15
59	Variation in udder health indicators at different stages of lactation in goats with no udder infection. Small Ruminant Research, 2014, 116, 51-56.	0.6	15
60	Replacement of alfalfa hay (Medicago sativa) with maralfalfa hay (Pennisetum sp.) in diets of lactating dairy goats. Animal Feed Science and Technology, 2016, 219, 1-12.	1.1	14
61	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. Journal of Dairy Science, 2017, 100, 6640-6647.	1.4	14
62	Comparison between novel and standard methods for analysis of free fatty acids in milk â€“ Including relation to rancid flavour. International Dairy Journal, 2017, 75, 22-29.	1.5	14
63	Nutrient digestibilities in ingredients fed alone or in combinations. British Journal of Nutrition, 1991, 66, 27-35.	1.2	13
64	Bone turnover in growing pigs fed three levels of dietary calcium. Canadian Journal of Animal Science, 2000, 80, 547-557.	0.7	13
65	Optimizing the fluorometric Î²-glucuronidase assay in ruminant milk for a more precise determination of mastitis. Journal of Dairy Research, 2012, 79, 7-15.	0.7	13
66	Pre- and postnatal nutrition in sheep affects Î²-cell secretion and hypothalamic control. Journal of Endocrinology, 2013, 219, 159-171.	1.2	13
67	The Nutritive Value of Ten Inbred Lines of Faba Beans (Vicia faba L.) in Relation to their Content of Antinutritional Constituents and Protein Quality. Plant Breeding, 1988, 101, 277-291.	1.0	12
68	Short Communication: Associations Between Blood Calcium Status at Calving and Milk Yield in Dairy Cows. Journal of Dairy Science, 2000, 83, 2438-2440.	1.4	12
69	Milk Enzyme Activities and Subclinical Mastitis Among Women in Guinea-Bissau. Breastfeeding Medicine, 2008, 3, 215-219.	0.8	12
70	Influence of udder infection status on milk enzyme activities and somatic cell count throughout early lactation in goats. Small Ruminant Research, 2013, 111, 139-146.	0.6	12
71	Predicting physiological imbalance in Holstein dairy cows by three different sets of milk biomarkers. Preventive Veterinary Medicine, 2020, 179, 105006.	0.7	12
72	The effects of feed restriction on physical activity, body weight, physiology, haematology and immunology in female mink. Research in Veterinary Science, 2012, 93, 936-942.	0.9	11

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73	Apolipoprotein E Deficiency Increases Remnant Lipoproteins and Accelerates Progressive Atherosclerosis, But NotÂXanthoma Formation, in Gene-Modified Minipigs. JACC Basic To Translational Science, 2017, 2, 591-600.	1.9	11
74	Fava beans can substitute soybean meal and rapeseed meal as protein source in diets for lactating dairy cows. Journal of Dairy Science, 2021, 104, 5508-5521.	1.4	11
75	Digestive efficiency in rabbit does according to environment and genetic type. World Rabbit Science, 2012, 20, .	0.1	11
76	Comparison of immune response to lipopolysaccharide of rabbit does selected for litter size at weaning or founded for reproductive longevity. Research in Veterinary Science, 2013, 94, 518-525.	0.9	10
77	Estimated nutrient intakes and adequacies in Bangladesh change when newer values for vitamin A, iron and calcium in commonly consumed foods are applied. International Journal of Food Sciences and Nutrition, 2003, 54, 457-465.	1.3	9
78	The effects of calcium, phosphorus and zinc supplementation on reproductive performance of crossbred dairy cows in Tanzania. Tropical Animal Health and Production, 2007, 39, 317-323.	0.5	9
79	Weaning and separation stress: maternal motivation decreases with litter age and litter size in farmed mink. Applied Animal Behaviour Science, 2016, 181, 152-159.	0.8	9
80	Priming the cow for lactation by rapeseed supplementation in the dry period. Journal of Dairy Science, 2013, 96, 3652-3661.	1.4	8
81	Effect of postpartum propylene glycol allocation to over-conditioned Holstein cows on concentrations of milk metabolites. Journal of Dairy Research, 2016, 83, 156-164.	0.7	8
82	Lack of evidence of mastitis as a causal factor for postpartum dysgalactia syndrome in sows123. Translational Animal Science, 2020, 4, 250-263.	0.4	8
83	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. Journal of Dairy Science, 2020, 103, 5647-5653.	1.4	8
84	Inclusion of lemon leaves and rice straw into compound feed and its effect on nutrient balance, milk yield, and methane emissions in dairy goats. Journal of Dairy Science, 2020, 103, 6178-6189.	1.4	8
85	Does zinc play a role in the resistance of milk to spontaneous lipolysis?. International Dairy Journal, 1995, 5, 473-481.	1.5	7
86	Liver protein expression in young pigs in response to a high-fat diet and diet restriction1. Journal of Animal Science, 2013, 91, 147-158.	0.2	7
87	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. Journal of Dairy Science, 2015, 98, 5440-5447.	1.4	6
88	Comparison of glucose concentration and glucose absorption from the GI-tract in pigs in whole blood and in plasma. Livestock Science, 2010, 133, 30-33.	0.6	5
89	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. Livestock Science, 2014, 168, 60-75.	0.6	5
90	Oral administration of lipopolysaccharides from Escherichia coli (serotype O111:B4) does not induce an effective systemic immune response in milk-fed Holstein calves. Journal of Dairy Science, 2020, 103, 5525-5531.	1.4	5

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91	Pancreatic secretion of zinc and carboxypeptidase A and B in growing pigs. Reproduction, Nutrition, Development, 1998, 38, 391-400.	1.9	4
92	The relationship between mineral and nitrogen balances in growing pigs fed diets supplemented with zinc oxide. Canadian Journal of Animal Science, 1996, 76, 409-415.	0.7	3
93	Effect of Supplemental Feeding with Glycerol or Propylene Glycol in Early Lactation on the Fertility of Swedish Dairy Cows. Reproduction in Domestic Animals, 2012, 47, 988-994.	0.6	3
94	Effects of Exogenous Glucoamylase Enzymes Alone or in Combination with a Neutral Protease on Apparent Total Tract Digestibility and Feces D-Lactate in Crossbred Angus Bulls Fed a Ration Rich in Rolled Corn. Animals, 2020, 10, 1077.	1.0	3
95	Evaluation of Tissue Preparation forin vitroStudy of Hepatic Long-Chain Fatty Acid Metabolism. Acta Agriculturae Scandinavica - Section A: Animal Science, 2001, 51, 47-52.	0.2	2
96	Effects of castration on atherosclerosis in Yucatan minipigs with genetic hypercholesterolemia. PLoS ONE, 2020, 15, e0234131.	1.1	2
97	Copper Ions are Potent Inhibitors of Intestinal Phosphatases in the Pig. Acta Agriculturae Scandinavica - Section A: Animal Science, 1996, 46, 18-25.	0.2	1
98	Apparent Trace Element Absorption in Growing Pigs Fed Rations of Increasing Calcium Carbonate Content. , 2002, , 763-765.		0