

Heidi Leskinen

List of Publications by Year in descending order

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35
papers

875
citations

516710

16
h-index

477307

29
g-index

36
all docs

36
docs citations

36
times ranked

999
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantification of triacylglycerol regioisomers in oils and fat using different mass spectrometric and liquid chromatographic methods. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 2361-2373.	1.5	102
2	Comparison of the nutritional regulation of milk fat secretion and composition in cows and goats. <i>Journal of Dairy Science</i> , 2015, 98, 7277-7297.	3.4	80
3	Effect of camelina oil or live yeasts (<i>Saccharomyces cerevisiae</i>) on ruminal methane production, rumen fermentation, and milk fatty acid composition in lactating cows fed grass silage diets. <i>Journal of Dairy Science</i> , 2015, 98, 3166-3181.	3.4	77
4	Plant oil supplements reduce methane emissions and improve milk fatty acid composition in dairy cows fed grass silage-based diets without affecting milk yield. <i>Journal of Dairy Science</i> , 2018, 101, 1136-1151.	3.4	71
5	Dietary fish oil supplements depress milk fat yield and alter milk fatty acid composition in lactating cows fed grass silage-based diets. <i>Journal of Dairy Science</i> , 2015, 98, 5653-5671.	3.4	53
6	Quantification of triacylglycerol regioisomers by ultra-high-performance liquid chromatography and ammonia negative ion atmospheric pressure chemical ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1-5.	1.5	50
7	In vitro response to EPA, DPA, and DHA: Comparison of effects on ruminal fermentation and biohydrogenation of 18-carbon fatty acids in cows and ewes. <i>Journal of Dairy Science</i> , 2017, 100, 6187-6198.	3.4	44
8	Dietary forage to concentrate ratio and sunflower oil supplement alter rumen fermentation, ruminal methane emissions, and nutrient utilization in lactating cows. <i>Translational Animal Science</i> , 2017, 1, 277-286.	1.1	35
9	Regioisomeric Structure Determination of $\hat{\pm}$ - and $\hat{\beta}$ -Linolenoyldilinoleoylglycerol in Blackcurrant Seed Oil by Silver Ion High-Performance Liquid Chromatography and Mass Spectrometry. <i>Analytical Chemistry</i> , 2008, 80, 5788-5793.	6.5	34
10	Effect of dietary fish oil supplements alone or in combination with sunflower and linseed oil on ruminal lipid metabolism and bacterial populations in lactating cows. <i>Journal of Dairy Science</i> , 2018, 101, 3021-3035.	3.4	33
11	Regioisomer Compositions of Vaccenic and Oleic Acid Containing Triacylglycerols in Sea Buckthorn (<i>Hippophaë rhamnoides</i>) Pulp Oils: Influence of Origin and Weather Conditions. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 537-545.	5.2	31
12	Diet-induced milk fat depression is associated with alterations in ruminal biohydrogenation pathways and formation of novel fatty acid intermediates in lactating cows. <i>British Journal of Nutrition</i> , 2017, 117, 364-376.	2.3	31
13	Metabolism of $\hat{\pm}$ -linolenic acid during incubations with strained bovine rumen contents: products and mechanisms. <i>British Journal of Nutrition</i> , 2016, 115, 2093-2105.	2.3	28
14	In vitro ruminal biohydrogenation of eicosapentaenoic (EPA), docosapentaenoic (DPA), and docosahexaenoic acid (DHA) in cows and ewes: Intermediate metabolites and pathways. <i>Journal of Dairy Science</i> , 2018, 101, 6109-6121.	3.4	20
15	Dietary supplement of conjugated linoleic acids or polyunsaturated fatty acids suppressed the mobilization of body fat reserves in dairy cows at early lactation through different pathways. <i>Journal of Dairy Science</i> , 2018, 101, 7954-7970.	3.4	18
16	Effect of Latitude and Weather Conditions on the Regioisomer Compositions of $\hat{\pm}$ - and $\hat{\beta}$ -Linolenoyldilinoleoylglycerol in Currant Seed Oils. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 3920-3926.	5.2	17
17	The effect of dietary forage to concentrate ratio and forage type on milk fatty acid composition and milk fat globule size of lactating cows. <i>Journal of Dairy Science</i> , 2019, 102, 8825-8838.	3.4	17
18	Changes in volatile fatty acid production and microbiome during fermentation of food waste from hospitality sector. <i>Journal of Environmental Management</i> , 2022, 308, 114640.	7.8	17

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19	Temporal changes in milk fatty acid composition during diet-induced milk fat depression in lactating cows. <i>Journal of Dairy Science</i> , 2019, 102, 5148-5160.	3.4	15
20	Evaluating the effects of high-oil rapeseed cake or natural additives on methane emissions and performance of dairy cows. <i>Journal of Dairy Science</i> , 2022, 105, 1211-1224.	3.4	15
21	Ruminal Infusions of Cobalt EDTA Modify Milk Fatty Acid Composition via Decreases in Fatty Acid Desaturation and Altered Gene Expression in the Mammary Gland of Lactating Cows. <i>Journal of Nutrition</i> , 2016, 146, 976-985.	2.9	12
22	Effect of Feeding Cows with Unsaturated Fatty Acid Sources on Milk Production, Milk Composition, Milk Fatty Acid Profile, and Physicochemical and Sensory Characteristics of Ice Cream. <i>Animals</i> , 2019, 9, 568.	2.3	12
23	Analysis of Isomeric Forms of Oxidized Triacylglycerols Using Ultra-High-Performance Liquid Chromatography and Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 8095-8100.	5.2	11
24	Effects of dietary polyunsaturated fatty acid sources on expression of lipid-related genes in bovine milk somatic cells. <i>Scientific Reports</i> , 2020, 10, 14850.	3.3	10
25	Between-cow variation in milk fatty acids associated with methane production. <i>PLoS ONE</i> , 2020, 15, e0235357.	2.5	9
26	Effect of Soybean Oil and Fish Oil on Lipid-Related Transcripts in Subcutaneous Adipose Tissue of Dairy Cows. <i>Animals</i> , 2020, 10, 54.	2.3	6
27	Effects of Dietary Vegetable Oils on Mammary Lipid-Related Genes in Holstein Dairy Cows. <i>Animals</i> , 2020, 10, 57.	2.3	5
28	Long-Term Effects of Dietary Olive Oil and Hydrogenated Vegetable Oil on Expression of Lipogenic Genes in Subcutaneous Adipose Tissue of Dairy Cows. <i>Veterinary Sciences</i> , 2019, 6, 74.	1.7	4
29	Microbial enrichment of blackcurrant press residue with conjugated linoleic and linolenic acids. <i>Journal of Applied Microbiology</i> , 2021, 130, 1602-1610.	3.1	4
30	The effect of gradual addition of camelina seeds in the diet of rainbow trout (<i>Oncorhynchus mykiss</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 3	1.8	4
31	Effects of Starch Level and a Mixture of Sunflower and Fish Oils on Nutrient Intake and Digestibility, Rumen Fermentation, and Ruminal Methane Emissions in Dairy Cows. <i>Animals</i> , 2021, 11, 1310.	2.3	4
32	Source of supplemental dietary fat interacts with relative proportion of forage source in Holstein dairy cows: Production responses, milk fat composition, and rumen fermentation. <i>Livestock Science</i> , 2019, 227, 143-152.	1.6	2
33	Production Performance, Nutrient Digestibility, and Milk Composition of Dairy Ewes Supplemented with Crushed Sunflower Seeds and Sunflower Seed Silage in Corn Silage-Based Diets. <i>Animals</i> , 2020, 10, 2354.	2.3	1
34	APOE Genotype Disclosure and Lifestyle Advice in a Randomized Intervention Study with Finnish Participants. <i>Journal of Nutrition</i> , 2021, 151, 85-97.	2.9	1
35	APOE Genotypes, Lipid Profiles, and Associated Clinical Markers in a Finnish Population with Cardiovascular Disease Risk Factors. <i>Lifestyle Genomics</i> , 2022, 15, 45-54.	1.7	1