# Heidi Leskinen

List of Publications by Year
in descending order



| 35 | 875 | 516710 16 | 477307 29 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 36 | 36 | 36 | 999 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Evaluating the effects of high-oil rapeseed cake or natural additives on methane emissions and performance of dairy cows. Journal of Dairy Science, 2022, 105, 1211-1224. | 3.4 | 15 |
| 2 | Changes in volatile fatty acid production and microbiome during fermentation of food waste from hospitality sector. Journal of Environmental Management, 2022, 308, 114640. | 7.8 | 17 |
| 3 | APOE Genotypes, Lipid Profiles, and Associated Clinical Markers in a Finnish Population with Cardiovascular Disease Risk Factors. Lifestyle Genomics, 2022, 15, 45-54. | 1.7 | 1 |
| 4 | Microbial enrichment of blackcurrant press residue with conjugated linoleic and linolenic acids. Journal of Applied Microbiology, 2021, 130, 1602-1610. | 3.1 | 4 |
| 5 | The effect of gradual addition of camelina seeds in the diet of rainbow trout ( <i>Oncorhynchus) Tj ETQq1 1 0.784314 rgBT /Overlock | 1.8 | 4 |
| 6 | 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. Animals, 2021, 11, 1310. | 2.3 | 4 |
| 7 | APOE Genotype Disclosure and Lifestyle Advice in a Randomized Intervention Study with Finnish Participants. Journal of Nutrition, 2021, 151, 85-97. | 2.9 | 1 |
| 8 | Between-cow variation in milk fatty acids associated with methane production. PLoS ONE, 2020, 15, e0235357. | 2.5 | 9 |
| 9 | Effects of dietary polyunsaturated fatty acid sources on expression of lipid-related genes in bovine milk somatic cells. Scientific Reports, 2020, 10, 14850. | 3.3 | 10 |
| 10 | Production Performance, Nutrient Digestibility, and Milk Composition of Dairy Ewes Supplemented with Crushed Sunflower Seeds and Sunflower Seed Silage in Corn Silage-Based Diets. Animals, 2020, 10, 2354. | 2.3 | 1 |
| 11 | Effects of Dietary Vegetable Oils on Mammary Lipid-Related Genes in Holstein Dairy Cows. Animals, 2020, 10, 57. | 2.3 | 5 |
| 12 | Effect of Soybean Oil and Fish Oil on Lipid-Related Transcripts in Subcutaneous Adipose Tissue of Dairy Cows. Animals, 2020, 10, 54. | 2.3 | 6 |
| 13 | Source of supplemental dietary fat interacts with relative proportion of forage source in Holstein dairy cows: Production responses, milk fat composition, and rumen fermentation. Livestock Science, 2019, 227, 143-152. | 1.6 | 2 |
| 14 | 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. Animals, 2019, 9, 568. | 2.3 | 12 |
| 15 | The effect of dietary forage to concentrate ratio and forage type on milk fatty acid composition and milk fat globule size of lactating cows. Journal of Dairy Science, 2019, 102, 8825-8838. | 3.4 | 17 |
| 16 | Long-Term Effects of Dietary Olive Oil and Hydrogenated Vegetable Oil on Expression of Lipogenic Genes in Subcutaneous Adipose Tissue of Dairy Cows. Veterinary Sciences, 2019, 6, 74. | 1.7 | 4 |
| 17 | Temporal changes in milk fatty acid composition during diet-induced milk fat depression in lactating cows. Journal of Dairy Science, 2019, 102, 5148-5160. | 3.4 | 15 |
| 18 | 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. Journal of Dairy Science, 2018, 101, 3021-3035. | 3.4 | 33 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | In vitro ruminal biohydrogenation of eicosapentaenoic (EPA), docosapentaenoic (DPA), and docosahexaenoic acid (DHA) in cows and ewes: Intermediate metabolites and pathways. Journal of Dairy Science, 2018, 101, 6109-6121. | 3.4 | 20 |
| 20 | Plant oil supplements reduce methane emissions and improve milk fatty acid composition in dairy cows fed grass silage-based diets without affecting milk yield. Journal of Dairy Science, 2018, 101, 1136-1151. | 3.4 | 71 |
| 21 | 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. Journal of Dairy Science, 2018, 101, 7954-7970. | 3.4 | 18 |
| 22 | 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. Journal of Dairy Science, 2017, 100, 6187-6198. | 3.4 | 44 |
| 23 | Diet-induced milk fat depression is associated with alterations in ruminal biohydrogenation pathways and formation of novel fatty acid intermediates in lactating cows. British Journal of Nutrition, 2017, 117, 364-376. | 2.3 | 31 |
| 24 | Dietary forage to concentrate ratio and sunflower oil supplement alter rumen fermentation, ruminal methane emissions, and nutrient utilization in lactating cows1. Translational Animal Science, 2017, 1, 277-286. | 1.1 | 35 |
| 25 | Metabolism ofÎ±-linolenic acid during incubations with strained bovine rumen contents: products and mechanisms. British Journal of Nutrition, 2016, 115, 2093-2105. | 2.3 | 28 |
| 26 | 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. Journal of Nutrition, 2016, 146, 976-985. | 2.9 | 12 |
| 27 | Effect of camelina oil or live yeasts (Saccharomyces cerevisiae) on ruminal methane production, rumen fermentation, and milk fatty acid composition in lactating cows fed grass silage diets. Journal of Dairy Science, 2015, 98, 3166-3181. | 3.4 | 77 |
| 28 | Dietary fish oil supplements depress milk fat yield and alter milk fatty acid composition in lactating cows fed grass silage-based diets. Journal of Dairy Science, 2015, 98, 5653-5671. | 3.4 | 53 |
| 29 | Comparison of the nutritional regulation of milk fat secretion and composition in cows and goats. Journal of Dairy Science, 2015, 98, 7277-7297. | 3.4 | 80 |
| 30 | Analysis of Isomeric Forms of Oxidized Triacylglycerols Using Ultra-High-Performance Liquid Chromatography and Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2011, 59, 8095-8100. | 5.2 | 11 |
| 31 | Quantification of triacylglycerol regioisomers by ultraâ€highâ€performance liquid chromatography and ammonia negative ion atmospheric pressure chemical ionization tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2010, 24, 1-5. | 1.5 | 50 |
| 32 | Regioisomer Compositions of Vaccenic and Oleic Acid Containing Triacylglycerols in Sea Buckthorn (HippophaÃ« rhamnoides) Pulp Oils: Influence of Origin and Weather Conditions. Journal of Agricultural and Food Chemistry, 2010, 58, 537-545. | 5.2 | 31 |
| 33 | Effect of Latitude and Weather Conditions on the Regioisomer Compositions of Î±- and Î³-Linolenoyldilinoleoylglycerol in Currant Seed Oils. Journal of Agricultural and Food Chemistry, 2009, 57, 3920-3926. | 5.2 | 17 |
| 34 | Regioisomeric Structure Determination of Î±- and Î³-Linolenoyldilinoleoylglycerol in Blackcurrant Seed Oil by Silver Ion High-Performance Liquid Chromatography and Mass Spectrometry. Analytical Chemistry, 2008, 80, 5788-5793. | 6.5 | 34 |
| 35 | Quantification of triacylglycerol regioisomers in oils and fat using different mass spectrometric and liquid chromatographic methods. Rapid Communications in Mass Spectrometry, 2007, 21, 2361-2373. | 1.5 | 102 |