

BIOHYDROGENATION OF UNSATURATED FATTY ACID

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Lipid Metabolism in the Bacteria. <i>Advances in Lipid Research</i> , 1966, 4, 175-225.	1.8	120
2	The effect on digestion in the rumen of a gradual increase in the content of fatty acids in the diet of sheep. <i>British Journal of Nutrition</i> , 1966, 20, 833-842.	2.3	37
3	The biohydrogenation of $\hat{1}\pm$ -linolenic acid and oleic acid by rumen micro-organisms. <i>Biochemical Journal</i> , 1966, 98, 469-475.	2.8	94
4	Metabolism of unsaturated fatty acids in the intestine. <i>Lipids</i> , 1967, 2, 155-160.	1.7	9
5	Effect of Feeding Safflower Oil on the Composition of Absorbed Fatty Acid in Grazing Cows. <i>Journal of Dairy Science</i> , 1968, 51, 1382-1386.	3.4	12
6	Isolation and identification of rumen bacteria capable of anaerobic rutin degradation. <i>Canadian Journal of Microbiology</i> , 1969, 15, 1365-1371.	1.7	70
7	Differences in the metabolism of esterified and unesterified linoleic acid by rumen micro-organisms. <i>British Journal of Nutrition</i> , 1969, 23, 869-878.	2.3	28
8	The effect of defaunation on the phospholipids and on the hydrogenation of unsaturated fatty acids in the rumen. <i>Biochemical Journal</i> , 1969, 115, 351-352.	3.1	47
9	[18] Linoleate $\hat{1}^{\prime\prime}$ 12-cis, $\hat{1}^{\prime\prime}$ 11-trans-isomerase. <i>Methods in Enzymology</i> , 1969, 14, 105-109.	1.0	9
10	Isolation of a rumen bacterium that hydrogenates oleic acid as well as linoleic acid and linolenic acid. <i>Biochemical Journal</i> , 1970, 116, 767-768.	3.1	22
11	Metabolism of Long-Chain Fatty Acids in the Rumen. <i>Advances in Lipid Research</i> , 1970, 8, 267-346.	1.8	106
12	Lipid Synthesis by Rumen Microorganisms. II. Further Characterization of the Effects of Methionine. <i>Journal of Dairy Science</i> , 1970, 53, 460-465.	3.4	53
13	Supplemental Corn Silage or Baled Hay for Correction of Milk Fat Depressions Produced by Feeding Pellets as the Sole Forage. <i>Journal of Dairy Science</i> , 1970, 53, 208-214.	3.4	23
14	Stimulation of hydrogenation of linoleate in <i>Treponema (Borrelia)</i> sp, strain B25 by reduced methyl viologen and by reduced benzyl viologen. <i>Biochemical Journal</i> , 1971, 125, 913-915.	3.1	7
15	ACTION OF ANTIMETHANOGENIC AGENTS ON DIURNAL PATTERNS OF FERMENTATION ACTIVITY, LONG-CHAIN FATTY ACIDS AND PROTOZOA COUNT IN CATTLE. <i>Canadian Journal of Animal Science</i> , 1971, 51, 783-792.	1.5	2
16	Protection of dietary polyunsaturated fatty acids against microbial hydrogenation in ruminants. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 1971, 48, 358-364.	1.9	187
17	Effects of Diet on Proportions of Blood Plasma Lipids and Milk Lipids of the Lactating Cow and Their Long-Chain Fatty Acid Composition. <i>Journal of Dairy Science</i> , 1972, 55, 93-101.	3.4	13
18	Role of the Cecum in Maintaining $\hat{1}^{\prime\prime}$ 5-Steroid- and Fatty Acid-reducing Activity of the Rat Intestinal Microflora. <i>Journal of Nutrition</i> , 1972, 102, 1501-1511.	2.9	32

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19	The digestion and hydrogenation of unsaturated fatty acids by ruminants. Nihon Chikusan Gakkaiho, 1972, 43, 20-25.	0.2	0
20	Fatty acid interrelationships in plasma, liver, muscle and adipose tissues of cattle fed safflower oil protected from ruminal hydrogenation. Lipids, 1972, 7, 83-89.	1.7	66
21	Food particles as a site for biohydrogenation of unsaturated fatty acids in the rumen (<i>Short</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 66	3.1	52
22	The degradation of <i>l</i> -histidine in the rat. The formation of imidazolylpyruvate, imidazolyl-lactate and imidazolylpropionate. Biochemical Journal, 1973, 136, 649-658.	3.1	17
23	Biohydrogenation of sterols and fatty acids by the intestinal microflora. American Journal of Clinical Nutrition, 1974, 27, 1329-1340.	4.7	73
24	Observations on the pattern on biohydrogenation of esterified and unesterified linoleic acid in the rumen. British Journal of Nutrition, 1974, 31, 99-108.	2.3	113
25	Effect of rumen protozoa on dietary lipid in sheep. Journal of Agricultural Science, 1975, 85, 135-143.	1.3	24
26	The role of plant particles, bacteria and cell-free supernatant fractions of rumen contents in the hydrolysis of trilinolein and the subsequent hydrogenation of linoleic acid. Antonie Van Leeuwenhoek, 1975, 41, 533-542.	1.7	14
27	The Hydrogenation of Unsaturated Fatty Acids by Five Bacterial Isolates from the Sheep Rumen, Including a New Species. Journal of General Microbiology, 1975, 90, 100-114.	2.3	147
28	Aspects of Lipid Digestion and Absorption in the Ruminant. , 1976, , 255-281.		1
29	The control of cell membrane fluidity by biochemical and catalytic hydrogenation processes. Chemistry and Physics of Lipids, 1976, 17, 363-372.	3.2	23
30	Fatty acid composition of depot fats from gnotobiotic lambs. Journal of Agricultural Science, 1977, 88, 175-179.	1.3	22
31	<i>trans</i> Fatty acid content of commercial margarine samples determined by gas liquid chromatography on OV-275. JAOCS, Journal of the American Oil Chemists' Society, 1977, 54, 207-209.	1.9	38
32	Lipid metabolism in the rumen. Progress in Lipid Research, 1978, 17, 21-54.	11.6	215
33	Digestion, absorption and transport of lipids in ruminant animals. Progress in Lipid Research, 1978, 17, 55-91.	11.6	89
34	Protein Protected Fat for Ruminants. IV. Plasma Lipid, Insulin and Depot Fat Composition of Lambs. Journal of Animal Science, 1978, 46, 1338-1345.	0.5	7
35	Characteristics of a Lipolytic and Fatty Acid-requiring Butyrivibrio sp. Isolated from the Ovine Rumen. Journal of General Microbiology, 1979, 112, 15-27.	2.3	63
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37	LIPID METABOLISM IN THE RUMEN. , 1981, , 21-55.		81
38	DIGESTION, ABSORPTION AND TRANSPORT OF LIPIDS IN RUMINANT ANIMALS. , 1981, , 57-93.		33
39	Microbial Ecology and Activities in the Rumen: Part I. CRC Critical Reviews in Microbiology, 1982, 9, 165-225.	4.8	90
40	Microbial Ecology and Activities in the Rumen: Part II. CRC Critical Reviews in Microbiology, 1982, 9, 253-320.	4.8	62
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43	Preparation and Characterization of Monoclonal Antibodies to a Butyrivibrio sp. and Their Potential Use in the Identification of Rumen Butyrivibrios, Using an Enzyme-linked Immunosorbent Assay. Microbiology (United Kingdom), 1986, 132, 43-52.	1.8	12
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45	Fatty acid composition and content of rumen protozoa in cattle fed lucerne hay at restricted intake: Effects of oil supplement. Journal of Animal Physiology and Animal Nutrition, 1989, 62, 181-187.	2.2	4
46	Influence of Host Diet on the Fatty Acid Composition and Content of Rumen Protozoa in Cattle. Journal of Protozoology, 1990, 37, 190-193.	0.8	4
47	Growth of Synthrophomonas wolfei on unsaturated short chain fatty acids. Archives of Microbiology, 1990, 154, 31.	2.2	22
48	Synthesis and Biohydrogenation of Fatty Acids by Ruminal Microorganisms In Vitro. Journal of Dairy Science, 1991, 74, 3035-3046.	3.4	119
49	Ruminal Synthesis, Biohydrogenation, and Digestibility of Fatty Acids by Dairy Cows. Journal of Dairy Science, 1991, 74, 3025-3034.	3.4	234
51	Occurrence of Conjugated Cis-9, Trans-11-Octadecadienoic Acid in Bovine Milk: Effects of Feed and Dietary Regimen. Journal of Dairy Science, 1996, 79, 438-445.	3.4	181
52	Lipid metabolism in the rumen. , 1997, , 382-426.		207
53	Analysis of conjugated linoleic acid isomers and content in french cheeses. JAOCS, Journal of the American Oil Chemists' Society, 1998, 75, 343-352.	1.9	95
54	Conjugated Linoleic Acid Content in Milk Fat of the Cows Fed a Large Amount of Linseed. Nihon Chikusan Gakkaiho, 1999, 70, 535-541.	0.2	1
55	Hydrogenation of polyunsaturated fatty acids by human colonic bacteria. Letters in Applied Microbiology, 1999, 29, 193-196.	2.2	19

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57	Biosynthesis of conjugated linoleic acid in ruminants. <i>Journal of Animal Science</i> , 2000, 77, 1.	0.5	178
58	Effects of the Different Ratios of Concentrate and Roughage on the Concentration and Composition of Long Chain Fatty Acids of Rumen Microorganisms and Microorganisms. <i>Nihon Chikusan Gakkaiho</i> , 2000, 71, 26-38.	0.2	0
59	Effect of Linoleic Acid Concentration on Conjugated Linoleic Acid Production by <i>Butyrivibrio fibrisolvens</i> A38. <i>Applied and Environmental Microbiology</i> , 2000, 66, 5226-5230.	3.1	160
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61	Effects of Amount and Source of Fat on the Rates of Lipolysis and Biohydrogenation of Fatty Acids in Ruminal Contents. <i>Journal of Dairy Science</i> , 2000, 83, 2564-2573.	3.4	125
62	Alterations in blood plasma and milk fatty acid profiles of lactating Holstein cows in response to ruminal infusion of a conjugated linoleic acid mixture. <i>Animal Research</i> , 2001, 50, 463-476.	0.6	35
63	Identification and Analysis of a Gene from <i>Calendula officinalis</i> Encoding a Fatty Acid Conjugase. <i>Plant Physiology</i> , 2001, 125, 847-855.	4.8	54
64	Trans-18:1 and 18:2 Isomers in Blood Plasma and Milk Fat of Grazing Cows Fed a Grain Supplement Containing Solvent-Extracted or Mechanically Extracted Soybean Meal. <i>Journal of Dairy Science</i> , 2002, 85, 1197-1207.	3.4	64
65	Distribution of trans-vaccenic acid and cis-9, trans-11-conjugated linoleic acid (rumenic acid) in blood plasma lipid fractions and secretion in milk fat of Jersey cows fed canola or soybean oil. <i>Animal Research</i> , 2002, 51, 119-134.	0.6	25
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68	Characterization of 18:1 and 18:2 isomers produced during microbial biohydrogenation of unsaturated fatty acids from canola and soya bean oil in the rumen of lactating cows. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2002, 86, 422-432.	2.2	50
69	Increase of Conjugated Linoleic Acid Content in Milk by Fermentation with Lactic Acid Bacteria. <i>Journal of Food Science</i> , 2002, 67, 1731-1737.	3.1	128
70	Seasonal variation in milk conjugated linoleic acid and Δ^9 -desaturase activity in dairy cows. <i>Livestock Science</i> , 2003, 79, 47-59.	1.2	272
71	Partial Inhibition of Biohydrogenation of Linoleic Acid Can Increase the Conjugated Linoleic Acid Production of <i>Butyrivibrio fibrisolvens</i> A38. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 4258-4262.	5.2	31
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73	In Vitro Versus in Situ Ruminal Biohydrogenation of Unsaturated Fatty Acids from a Raw or Extruded Mixture of Ground Canola Seed/Canola Meal. <i>Journal of Dairy Science</i> , 2003, 86, 351-359.	3.4	34

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74	Effects of pH and Concentrations of Linoleic and Linolenic Acids on Extent and Intermediates of Ruminant Biohydrogenation in Vitro. <i>Journal of Dairy Science</i> , 2003, 86, 4054-4063.	3.4	94
75	Effect of dietary fish oil on biohydrogenation of fatty acids and milk fatty acid content in cows. <i>Animal Science</i> , 2003, 77, 165-179.	1.3	330
76	The effect of clover silages on long chain fatty acid rumen transformations and digestion in beef steers. <i>Animal Science</i> , 2003, 76, 491-501.	1.3	373
77	Biohydrogenation and digestion of long chain fatty acids in steers fed on <i>Lolium perenne</i> bred for elevated levels of water-soluble carbohydrate. <i>Animal Research</i> , 2003, 52, 501-511.	0.6	20
78	Biohydrogenation of unsaturated fatty acids in continuous culture fermenters during digestion of orchardgrass or red clover with three levels of ground corn supplementation. <i>Journal of Animal Science</i> , 2003, 81, 1611-1627.	0.5	55
79	Optimising Milk Composition. <i>BSAP Occasional Publication</i> , 2004, 29, 107-188.	0.0	30
80	Feeding micronized and extruded flaxseed to dairy cows: Effects on digestion and ruminal biohydrogenation of long-chain fatty acids. <i>Canadian Journal of Animal Science</i> , 2004, 84, 705-711.	1.5	19
81	A model to describe ruminal metabolism and intestinal absorption of long chain fatty acids. <i>Animal Feed Science and Technology</i> , 2004, 112, 79-105.	2.2	58
82	Biosynthesis of Conjugated Linoleic Acid in Ruminants and Humans. <i>Advances in Food and Nutrition Research</i> , 2005, 50, 179-217.	3.0	230
83	Effect of monensin, fish oil or their combination on in vitro fermentation and conjugated linoleic acid (CLA) production by ruminal bacteria. <i>Animal Feed Science and Technology</i> , 2005, 120, 341-349.	2.2	7
84	Factors Affecting Conjugated Linoleic Acid Content in Milk and Meat. <i>Critical Reviews in Food Science and Nutrition</i> , 2005, 45, 463-482.	10.3	166
85	Examination of the Persistency of Milk Fatty Acid Composition Responses to Fish Oil and Sunflower Oil in the Diet of Dairy Cows. <i>Journal of Dairy Science</i> , 2006, 89, 714-732.	3.4	261
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87	Influence of fish oil on ruminal biohydrogenation of C18 unsaturated fatty acids. <i>British Journal of Nutrition</i> , 2006, 95, 1199-1211.	2.3	104
88	Increased expression of a molecular chaperone GroEL in response to unsaturated fatty acids by the biohydrogenating ruminal bacterium, <i>Butyrivibrio fibrisolvens</i> . <i>FEMS Microbiology Letters</i> , 2006, 262, 244-248.	1.8	11
89	Organic marker compounds for surface soil and fugitive dust from open lot dairies and cattle feedlots. <i>Atmospheric Environment</i> , 2006, 40, 27-49.	4.1	107
90	Isomers of conjugated linoleic acids are synthesized via different mechanisms in ruminal digesta and bacteria. <i>Journal of Lipid Research</i> , 2007, 48, 2247-2254.	4.2	147
91	Metabolism of Linoleic Acid by Human Gut Bacteria: Different Routes for Biosynthesis of Conjugated Linoleic Acid. <i>Journal of Bacteriology</i> , 2007, 189, 2566-2570.	2.2	227

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92	Carbohydrate and Lipid Metabolism in Farm Animals1. Journal of Nutrition, 2007, 137, 702-705.	2.9	174
93	The Effect of Cocoa and Polydextrose on Bacterial Fermentation in Gastrointestinal Tract Simulations. Bioscience, Biotechnology and Biochemistry, 2007, 71, 1834-1843.	1.3	26
94	Changes in rumen biohydrogenation intermediates and ciliate protozoa diversity after algae supplementation to dairy cattle. European Journal of Lipid Science and Technology, 2007, 109, 767-777.	1.5	52
95	Quantification of ruminal <i>Clostridium proteoclasticum</i> by real-time PCR using a molecular beacon approach. Journal of Applied Microbiology, 2007, 103, 1251-1261.	3.1	61
96	Metabolism of polyunsaturated fatty acids and their toxicity to the microflora of the rumen. Antonie Van Leeuwenhoek, 2007, 91, 303-314.	1.7	400
97	Relation between phylogenetic position, lipid metabolism and butyrate production by different <i>Butyrivibrio</i> -like bacteria from the rumen. Antonie Van Leeuwenhoek, 2007, 91, 417-422.	1.7	135
98	Dynamic Features of the Rumen Metabolism of Linoleic Acid, Linolenic Acid and Linseed Oil Measured in Vitro. Lipids, 2007, 42, 351-360.	1.7	83
99	Synthesis of Conjugated Linoleic Acid by Human-Derived <i>Bifidobacterium breve</i> LMC 017: Utilization as a Functional Starter Culture for Milk Fermentation. Journal of Agricultural and Food Chemistry, 2008, 56, 3311-3316.	5.2	47
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102	Kinetics of Ruminal Lipolysis of Triacylglycerol and Biohydrogenation of Long-Chain Fatty Acids: New Insights from Old Data. Journal of Dairy Science, 2008, 91, 731-742.	3.4	31
103	BOARD-INVITED REVIEW: Recent advances in biohydrogenation of unsaturated fatty acids within the rumen microbial ecosystem1. Journal of Animal Science, 2008, 86, 397-412.	0.5	574
104	Accumulation of <i>trans</i> -C _{18:1} Fatty Acids in the Rumen after Dietary Algal Supplementation Is Associated with Changes in the <i>Butyrivibrio</i> Community. Applied and Environmental Microbiology, 2008, 74, 6923-6930.	3.1	121
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106	Fish Oil Increases the Duodenal Flow of Long Chain Polyunsaturated Fatty Acids and <i>trans</i> -11:18:1 and Decreases 18:0 in Steers via Changes in the Rumen Bacterial Community. Journal of Nutrition, 2008, 138, 889-896.	2.9	101
107	Fatty acid profiles of rumen fluid from sheep fed diets supplemented with various oils and effect on the rumen ciliate population. Czech Journal of Animal Science, 2007, 52, 399-406.	1.3	28
108	Ruminal biohydrogenation as affected by tannins <i>in vitro</i> . British Journal of Nutrition, 2009, 102, 82-92.	2.3	150
109	Mechanism of conjugated linoleic acid and vaccenic acid formation in human faecal suspensions and pure cultures of intestinal bacteria. Microbiology (United Kingdom), 2009, 155, 285-294.	1.8	77

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110	The Effect of Linseed Oil Added to the Diet of Cows on the Fatty Acid Composition of Rumen Contents and Blood. <i>Zeitschrift Fur Tierphysiologie, Tierernahrung Und Futtermittelkunde</i> , 1970, 27, 125-134.	0.1	5
111	Ecophysiology of syntrophic communities that degrade saturated and unsaturated long-chain fatty acids. <i>FEMS Microbiology Ecology</i> , 2009, 68, 257-272.	2.7	171
112	Toxicity of unsaturated fatty acids to the biohydrogenating ruminal bacterium, <i>Butyrivibrio fibrisolvens</i> . <i>BMC Microbiology</i> , 2010, 10, 52.	3.3	189
113	The role of microbes in rumen lipolysis and biohydrogenation and their manipulation. <i>Animal</i> , 2010, 4, 1008-1023.	3.3	555
114	Metabolism of conjugated linoleic acids and 18 Δ^5 fatty acids by ruminal bacteria: products and mechanisms. <i>Microbiology (United Kingdom)</i> , 2010, 156, 579-588.	1.8	124
115	Mechanisms of Microbial Hydrogen Disposal in the Human Colon and Implications for Health and Disease. <i>Annual Review of Food Science and Technology</i> , 2010, 1, 363-395.	9.9	149
116	Effect of pH on ruminal fermentation and biohydrogenation of diets rich in omega-3 or omega-6 fatty acids in continuous culture of ruminal fluid. <i>Animal Feed Science and Technology</i> , 2011, 169, 35-45.	2.2	27
117	Novel multi-component enzyme machinery in lactic acid bacteria catalyzing C C double bond migration useful for conjugated fatty acid synthesis. <i>Biochemical and Biophysical Research Communications</i> , 2011, 416, 188-193.	2.1	52
118	Linoleic Acid Isomerase in <i>Lactobacillus plantarum</i> AKU1009a Proved to Be a Multi-Component Enzyme System Requiring Oxidoreduction Cofactors. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 318-322.	1.3	51
119	Biosynthesis of trans fatty acids in ruminants. , 2012, , 1-42.		2
120	Fatty acid profile of the milk of cows reared in the mountain region of Poland. <i>Journal of Dairy Research</i> , 2012, 79, 469-476.	1.4	24
121	Characterization of the disappearance and formation of biohydrogenation intermediates during incubations of linoleic acid with rumen fluid in vitro. <i>Journal of Dairy Science</i> , 2012, 95, 1376-1394.	3.4	26
122	Manipulating Ruminal Biohydrogenation by the Use of Plants Bioactive Compounds. , 2012, , 263-284.		14
123	Detection of 430 Fatty Acid Methyl Esters from a Transesterified Butter Sample. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2013, 90, 771-790.	1.9	56
124	Polyunsaturated fatty acid saturation by gut lactic acid bacteria affecting host lipid composition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17808-17813.	7.1	305
125	Hydroxy fatty acid production by <i>Pediococcus</i> sp.. <i>European Journal of Lipid Science and Technology</i> , 2013, 115, 386-393.	1.5	24
126	Correlation between precipitation and geographical location of the $\delta^2\text{H}$ values of the fatty acids in milk and bulk milk powder. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 111, 105-116.	3.9	30
127	Genome-wide association and prediction of direct genomic breeding values for composition of fatty acids in Angus beef cattle. <i>BMC Genomics</i> , 2013, 14, 730.	2.8	67

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128	Influence of pasture on goat milk fatty acids and Stearoyl-CoA desaturase expression in milk somatic cells. <i>Small Ruminant Research</i> , 2014, 122, 38-43.	1.2	30
129	Grazing increases the concentration of CLA in dairy cow milk. <i>Animal</i> , 2014, 8, 1191-1200.	3.3	22
130	Genetic parameter estimation for major milk fatty acids in Alpine and Saanen primiparous goats. <i>Journal of Dairy Science</i> , 2014, 97, 3142-3155.	3.4	18
131	Effect of feeding dried distillers grains with solubles on ruminal biohydrogenation, intestinal fatty acid profile, and gut microbial diversity evaluated through DNA pyro-sequencing. <i>Journal of Animal Science</i> , 2014, 92, 733-743.	0.5	17
132	Effects of inorganic and organic selenium on the fatty acid composition of rumen contents of sheep and the rumen bacteria and ciliated protozoa. <i>Animal Feed Science and Technology</i> , 2014, 193, 51-57.	2.2	17
133	Challenges in enriching milk fat with polyunsaturated fatty acids. <i>Journal of Animal Science and Biotechnology</i> , 2015, 6, 26.	5.3	49
134	Effects of Dietary Linseed Oil and Propionate Precursors on Ruminal Microbial Community, Composition, and Diversity in Yanbian Yellow Cattle. <i>PLoS ONE</i> , 2015, 10, e0126473.	2.5	21
135	Influence of feed and water on the stable isotopic composition of dairy milk. <i>International Dairy Journal</i> , 2015, 47, 37-45.	3.0	20
136	Prepartum and Postpartum Rumen Fluid Microbiomes: Characterization and Correlation with Production Traits in Dairy Cows. <i>Applied and Environmental Microbiology</i> , 2015, 81, 1327-1337.	3.1	145
137	Supplementation of increasing amounts of linoleic acid to <i>Leymus chinensis</i> decreases methane production and improves fatty acid composition in vitro. <i>European Journal of Lipid Science and Technology</i> , 2015, 117, 945-953.	1.5	4
138	Biohydrogenation of 22:6n-3 by <i>Butyrivibrio proteoclasticus</i> P18. <i>BMC Microbiology</i> , 2016, 16, 104.	3.3	21
139	Effect of dietary oil sources on fatty acid composition of ruminal digesta and populations of specific bacteria involved in hydrogenation of 18-carbon unsaturated fatty acid in finishing lambs. <i>Small Ruminant Research</i> , 2016, 144, 126-134.	1.2	9
140	Use of Chemically Treated Tropical Forage on the Fatty Acid Profile of Milk. <i>Journal of Food Quality</i> , 2016, 39, 850-857.	2.6	1
141	The effect of different forms of sunflower products in diets for lambs and storage time on meat quality. <i>Animal Feed Science and Technology</i> , 2016, 222, 227-235.	2.2	12
142	Evaluation of biohydrogenation rate of canola vs. soya bean seeds as unsaturated fatty acids sources for ruminants in <i>Asitu</i> . <i>Journal of Animal Physiology and Animal Nutrition</i> , 2016, 100, 211-216.	2.2	1
143	Characterization of CLA-producing <i>Butyrivibrio</i> spp. reveals strain-specific variations. <i>3 Biotech</i> , 2016, 6, 90.	2.2	9
144	Rumen bacterial communities shift across a lactation in Holstein, Jersey and Holstein \times Jersey dairy cows and correlate to rumen function, bacterial fatty acid composition and production parameters. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw059.	2.7	62
145	Breed and Lactation Stage Alter the Rumen Protozoal Fatty Acid Profiles and Community Structures in Primiparous Dairy Cattle. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2021-2029.	5.2	9

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