

CITATION REPORT

List of articles citing

Evaluation of the odd fatty acids 15:0 and 17:0 in serum and adipose tissue as markers of intake of milk and dairy fat

DOI: 10.1038/sj.ejcn.1602256

European Journal of Clinical Nutrition, 2005, 59, 1417-22.

Source: <https://exaly.com/paper-pdf/38216456/citation-report.pdf>

Version: 2024-04-26

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
128	Current world literature. Lipid metabolism and therapy. 2007 , 10, 215-40		
127	Validation of a FFQ to estimate the intake of PUFA using plasma phospholipid fatty acids and weighed foods records. 2007 , 97, 561-8		71
126	Plasma and erythrocyte biomarkers of dairy fat intake and risk of ischemic heart disease. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 929-37	7	123
125	Long-chain n-6 polyunsaturated fatty acids in breast milk decrease the risk of HIV transmission through breastfeeding. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 682-9	7	46
124	Fatty acid composition of adipose tissue and blood in humans and its use as a biomarker of dietary intake. 2008 , 47, 348-80		859
123	Phytanic acid: measurement of plasma concentrations by gas-liquid chromatography-mass spectrometry analysis and associations with diet and other plasma fatty acids. 2008 , 99, 653-9		54
122	Cholesterol was healthy in the end. 2009 , 100, 90-109		4
121	Correlation between serum phospholipid fatty acids and dietary intakes assessed a few years earlier. 2009 , 61, 500-9		42
120	Evaluation of urinary iodine excretion as a biomarker for intake of milk and dairy products in pregnant women in the Norwegian Mother and Child Cohort Study (MoBa). <i>European Journal of Clinical Nutrition</i> , 2009 , 63, 347-54	5.2	69
119	Validation of a FFQ for estimating whole-grain cereal food intake. 2009 , 102, 1547-51		42
118	Outcome of the Public consultation on the Draft Opinion of the Scientific Panel on Dietetic Products, Nutrition, and Allergies (NDA) on Dietary Reference Values for fats, including saturated fatty acids, polyunsaturated fatty acids, monounsaturated fatty acids, trans fatty acids, and cholesterol. 2010 , 8,		45
117	Trans fatty acids in human milk are an indicator of different maternal dietary sources containing trans fatty acids. 2010 , 45, 245-51		30
116	Applying the triads method in the validation of dietary intake using biomarkers. 2010 , 26, 2027-37		23
115	Is Saturated Fat Bad?. 2010 , 109-119		1
114	Trans-palmitoleic acid, metabolic risk factors, and new-onset diabetes in U.S. adults: a cohort study. 2010 , 153, 790-9		244
113	Validation of an FFQ to estimate the intake of fatty acids using erythrocyte membrane fatty acids and multiple 3d dietary records. 2010 , 13, 1546-52		30
112	Dairy food consumption and obesity-related chronic disease. 2010 , 59, 1-41		23

111	Short-term effects of dietary fatty acids on muscle lipid composition and serum acylcarnitine profile in human subjects. 2011 , 19, 305-11		46
110	Dietary fat and not calcium supplementation or dairy product consumption is associated with changes in anthropometrics during a randomized, placebo-controlled energy-restriction trial. 2011 , 8, 67		17
109	No scientific support for linking dietary saturated fat to CHD. 2012 , 107, 455-7; author reply 458-60		6
108	Evaluation of flavonoids and enterolactone in overnight urine as intake biomarkers of fruits, vegetables and beverages in the Inter99 cohort study using the method of triads. 2012 , 108, 1904-12		22
107	The amount and type of dairy product intake and incident type 2 diabetes: results from the EPIC-InterAct Study. <i>American Journal of Clinical Nutrition</i> , 2012 , 96, 382-90	7	156
106	Validation of a FFQ for estimating ω -3, ω -6 and trans fatty acid intake during pregnancy using mature breast milk and food recalls. <i>European Journal of Clinical Nutrition</i> , 2012 , 66, 1259-64	5-2	8
105	Biomarkers of dairy intake and the risk of heart disease. 2012 , 22, 1039-45		25
104	Plasma metabolomics and proteomics profiling after a postprandial challenge reveal subtle diet effects on human metabolic status. 2012 , 8, 347-359		95
103	Fatty acid composition in the mature milk of Bolivian forager-horticulturalists: controlled comparisons with a US sample. 2012 , 8, 404-18		74
102	Micro-techniques for analysis of human adipose tissue fatty acid composition in dietary studies. 2013 , 23, 1128-33		6
101	trans-Palmitoleic acid, other dairy fat biomarkers, and incident diabetes: the Multi-Ethnic Study of Atherosclerosis (MESA). <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 854-61	7	176
100	Is plasma pentadecanoic acid a reasonable biomarker of dairy consumption?. 2013 , 2, e000393		6
99	Dairy consumption, type 2 diabetes, and changes in cardiometabolic traits: a prospective cohort study of middle-aged and older Chinese in Beijing and Shanghai. 2014 , 37, 56-63		53
98	Evaluation of the relative concentration of serum fatty acids C14:0, C15:0 and C17:0 as markers of children's dairy fat intake. 2014 , 65, 310-6		26
97	Plasma phospholipid fatty acid biomarkers of dietary fat quality and endogenous metabolism predict coronary heart disease risk: a nested case-control study within the Women's Health Initiative observational study. 2014 , 3,		57
96	Serum pentadecanoic acid (15:0), a short-term marker of dairy food intake, is inversely associated with incident type 2 diabetes and its underlying disorders. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 1532-40	7	95
95	Circulating biomarkers of dairy fat and risk of incident stroke in U.S. men and women in 2 large prospective cohorts. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 1437-47	7	65
94	Cross-sectional associations of food consumption with plasma fatty acid composition and estimated desaturase activities in Finnish children. 2014 , 49, 467-79		16

93	Diets high in protein or saturated fat do not affect insulin sensitivity or plasma concentrations of lipids and lipoproteins in overweight and obese adults. 2014 , 144, 1753-9		24
92	Fatty acid profile of plasma NEFA does not reflect adipose tissue fatty acid profile. 2015 , 114, 756-62		22
91	A review of odd-chain fatty acid metabolism and the role of pentadecanoic Acid (c15:0) and heptadecanoic Acid (c17:0) in health and disease. 2015 , 20, 2425-44		219
90	Metabolomics to Explore Impact of Dairy Intake. <i>Nutrients</i> , 2015 , 7, 4875-96	6.7	23
89	Dietary influences on tissue concentrations of phytanic acid and AMACR expression in the benign human prostate. 2015 , 75, 200-10		10
88	Recommended dairy product intake modulates circulating fatty acid profile in healthy adults: a multi-centre cross-over study. 2015 , 113, 435-44		36
87	Biomarkers of dairy fat. <i>American Journal of Clinical Nutrition</i> , 2015 , 101, 1101-2	7	18
86	Concerns about the use of 15:0, 17:0, and trans-16:1n-7 as biomarkers of dairy fat intake in recent observational studies that suggest beneficial effects of dairy food on incidence of diabetes and stroke. <i>American Journal of Clinical Nutrition</i> , 2015 , 101, 1102-3	7	26
85	Reply to M Lankinen and U Schwab and WMN Ratnayake. <i>American Journal of Clinical Nutrition</i> , 2015 , 101, 1103-4	7	2
84	Individual Fatty Acids in Cardiometabolic Disease. 2016 , 207-318		1
83	Cross-sectional relationships between dietary fat intake and serum cholesterol fatty acids in a Swedish cohort of 60-year-old men and women. 2016 , 29, 325-37		10
82	Exploring the association of dairy product intake with the fatty acids C15:0 and C17:0 measured from dried blood spots in a multipopulation cohort: Findings from the Food4Me study. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 834-45	5.9	22
81	Milk fat biomarkers and cardiometabolic disease. 2017 , 28, 46-51		44
80	Dietary fat overcomes the protective activity of thrombospondin-1 signaling in the Apc(Min/+) model of colon cancer. 2016 , 5, e230		14
79	Biomarkers for nutrient intake with focus on alternative sampling techniques. 2016 , 11, 12		28
78	Plasma phospholipid pentadecanoic acid, EPA, and DHA, and the frequency of dairy and fish product intake in young children. 2016 , 60, 31933		7
77	Lipids and bariatric procedures Part 2 of 2: scientific statement from the American Society for Metabolic and Bariatric Surgery (ASMBS), the National Lipid Association (NLA), and Obesity Medicine Association (OMA). 2016 , 12, 468-495		36
76	Circulating Biomarkers of Dairy Fat and Risk of Incident Diabetes Mellitus Among Men and Women in the United States in Two Large Prospective Cohorts. 2016 , 133, 1645-54		88

75	Biomarkers of Dietary Intake Are Correlated with Corresponding Measures From Repeated Dietary Recalls and Food-Frequency Questionnaires in the Adventist Health Study-2. 2016 , 146, 586-94		35
74	The Lipid Composition of Subcutaneous Adipose Tissue of Brown Bears (<i>Ursus arctos</i>) in Croatia. 2017 , 90, 399-406		2
73	Fatty acid dynamics of the adductor muscle of live cockles (<i>Cerastoderma edule</i>) during their shelf-life and its relevance for traceability of geographic origin. 2017 , 77, 192-198		7
72	Association between serum phospholipid fatty acid levels and adiposity in Mexican women. 2017 , 58, 1462-1470		18
71	Alterations of specific lipid groups in serum of obese humans: a review. 2017 , 18, 247-272		48
70	Yogurt and Diabetes: Overview of Recent Observational Studies. 2017 , 147, 1452S-1461S		43
69	Within-person reproducibility and sensitivity to dietary change of C15:0 and C17:0 levels in dried blood spots: Data from the European Food4Me Study. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1700142	5.9	10
68	Odd Chain Fatty Acids; New Insights of the Relationship Between the Gut Microbiota, Dietary Intake, Biosynthesis and Glucose Intolerance. <i>Scientific Reports</i> , 2017 , 7, 44845	4.9	62
67	Individual serum saturated fatty acids and markers of chronic subclinical inflammation: the Insulin Resistance Atherosclerosis Study. 2017 , 58, 2171-2179		7
66	Peroxisomal 2-Hydroxyacyl-CoA Lyase Is Involved in Endogenous Biosynthesis of Heptadecanoic Acid. 2017 , 22,		11
65	Relative Validity and Reproducibility of a Food Frequency Questionnaire for Assessing Dietary Intakes in a Multi-Ethnic Asian Population Using 24-h Dietary Recalls and Biomarkers. <i>Nutrients</i> , 2017 , 9,	6.7	31
64	The Influence of Dairy Consumption on the Risk of Type 2 Diabetes, Metabolic Syndrome, and Impaired Glucose Tolerance or Insulin Resistance. 2017 , 411-422		
63	Using the method of triads in the validation of a food frequency questionnaire to assess the consumption of fatty acids in adults. 2018 , 31, 85-95		10
62	The Dietary Total-Fat Content Affects the In Vivo Circulating C15:0 and C17:0 Fatty Acid Levels Independently. <i>Nutrients</i> , 2018 , 10,	6.7	16
61	Serial measures of circulating biomarkers of dairy fat and total and cause-specific mortality in older adults: the Cardiovascular Health Study. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 476-484	7	27
60	Fatty acid biomarkers of dairy fat consumption and incidence of type 2 diabetes: A pooled analysis of prospective cohort studies. 2018 , 15, e1002670		89
59	Fatty acids as biomarkers of total dairy and dairy fat intakes: a systematic review and meta-analysis. 2019 , 77, 46-63		15
58	Biomarker of food intake for assessing the consumption of dairy and egg products. 2018 , 13, 26		25

57	Plasma Lipidomic Profiling and Risk of Type 2 Diabetes in the PREDIMED Trial. 2018 , 41, 2617-2624		78
56	Altered Dairy Protein Intake Does Not Alter Circulatory Branched Chain Amino Acids in Healthy Adults: A Randomized Controlled Trial. <i>Nutrients</i> , 2018 , 10,	6.7	11
55	Genome-wide association meta-analysis of circulating odd-numbered chain saturated fatty acids: Results from the CHARGE Consortium. <i>PLoS ONE</i> , 2018 , 13, e0196951	3.7	10
54	GC-MS Based Metabolomics and NMR Spectroscopy Investigation of Food Intake Biomarkers for Milk and Cheese in Serum of Healthy Humans. 2018 , 8,		26
53	Dairy Products Intake and Endometrial Cancer Risk: A Meta-Analysis of Observational Studies. <i>Nutrients</i> , 2017 , 10,	6.7	3
52	Relative validity and reproducibility of dietary quality scores from a short diet screener in a multi-ethnic Asian population. 2018 , 21, 2735-2743		15
51	Qualitative metabolomics profiling of serum and bile from dogs with gallbladder mucocele formation. <i>PLoS ONE</i> , 2018 , 13, e0191076	3.7	16
50	The Distribution of Fatty Acid Biomarkers of Dairy Intake across Serum Lipid Fractions: The Prospective Metabolism and Islet Cell Evaluation (PROMISE) Cohort. 2019 , 54, 617-627		2
49	Increased Dairy Product Intake Alters Serum Metabolite Profiles in Subjects at Risk of Developing Type 2 Diabetes. <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1900126	5.9	8
48	Evaluation of plasma and erythrocyte fatty acids C15:0, t-C16:1n-7 and C17:0 as biomarkers of dairy fat consumption in adolescents. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2019 , 149, 24-29	2.8	4
47	Variation and Interdependencies of Human Milk Macronutrients, Fatty Acids, Adiponectin, Insulin, and IGF-II in the European PreventCD Cohort. <i>Nutrients</i> , 2019 , 11,	6.7	12
46	Circulating Saturated Fatty Acids and Incident Type 2 Diabetes: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2019 , 11,	6.7	20
45	Plasma, Urine, and Adipose Tissue Biomarkers of Dietary Intake Differ Between Vegetarian and Non-Vegetarian Diet Groups in the Adventist Health Study-2. 2019 , 149, 667-675		12
44	Visualized Networking of Co-Regulated Lipids in Human Blood Based on High-Throughput Screening Data: Implications for Exposure Assessment. <i>Environmental Science & Technology</i> , 2019 , 53, 2862-2872	10.3	7
43	Circulating fatty acids as biomarkers of dairy fat intake: data from the lifelines biobank and cohort study. 2019 , 24, 360-372		10
42	Dietary intake of fatty acids and its relationship with FEV/FVC in patients with chronic obstructive pulmonary disease. 2019 , 29, 92-96		9
41	The elongation of very long-chain fatty acid 6 gene product catalyses elongation of -13 : 0 and -15 : 0 odd-chain SFA in human cells. 2019 , 121, 241-248		9
40	Reply to H Kahleova and ND Barnard. <i>American Journal of Clinical Nutrition</i> , 2019 , 109, 220-221		7

39	The Food Exposome. 2019 , 217-245		3
38	Unraveling the Exposome. 2019 ,		6
37	Adipose tissue fatty acids present in dairy fat and risk of stroke: the Danish Diet, Cancer and Health cohort. 2019 , 58, 529-539		7
36	Shotgun lipidomics-based characterization of the landscape of lipid metabolism in colorectal cancer. 2020 , 1865, 158579		26
35	Comparative Analysis of Milk Triglycerides Profile between Jaffarabadi Buffalo and Holstein Friesian Cow. 2020 , 10,		0
34	Efficacy of dietary odd-chain saturated fatty acid pentadecanoic acid parallels broad associated health benefits in humans: could it be essential?. <i>Scientific Reports</i> , 2020 , 10, 8161	4.9	37
33	Serum nonesterified fatty acids have utility as dietary biomarkers of fat intake from fish, fish oil, and dairy in women. 2020 , 61, 933-944		13
32	Untargeted lipidomics using liquid chromatography-ion mobility-mass spectrometry reveals novel triacylglycerides in human milk. <i>Scientific Reports</i> , 2020 , 10, 9255	4.9	20
31	Saturated Fats and Health: A Reassessment and Proposal for Food-Based Recommendations: JACC State-of-the-Art Review. 2020 , 76, 844-857		128
30	Biomarkers of fatty acids and risk of type 2 diabetes: a systematic review and meta-analysis of prospective cohort studies. 2021 , 61, 2705-2718		2
29	Consumption of a diet high in dairy leads to higher 15:0 in cholesteryl esters of healthy people when compared to diets high in meat and grain. 2020 , 30, 804-809		2
28	Modified fish diet shifted serum metabolome and alleviated chronic anemia in bottlenose dolphins (<i>Tursiops truncatus</i>): Potential role of odd-chain saturated fatty acids. <i>PLoS ONE</i> , 2020 , 15, e0230769	3.7	0
27	The impact of catechins included in high fat diet on AMP-dependent protein kinase in apoE knock-out mice. <i>International Journal of Food Sciences and Nutrition</i> , 2021 , 72, 348-356	3.7	0
26	The Sum of Plasma Fatty Acids iso16:0, iso17:0, -18:1, -CLA, and -18:1 as Biomarker of Dairy Intake Established in an Intervention Study and Validated in the EPIC Cohort of Gipuzkoa. <i>Nutrients</i> , 2021 , 13,	6.7	1
25	Functional Odd- and Branched-Chain Fatty Acid in Sheep and Goat Milk and Cheeses. <i>Dairy</i> , 2021 , 2, 79-89.6		3
24	Circulating fatty acids and endocannabinoidome-related mediator profiles associated to human longevity. <i>GeroScience</i> , 2021 , 43, 1783-1798	8.9	4
23	Metabolomic Changes after Subacute Exposure to Polycyclic Aromatic Hydrocarbons: A Natural Experiment among Healthy Travelers from Los Angeles to Beijing. <i>Environmental Science & Technology</i> , 2021 , 55, 5097-5105	10.3	4
22	Circulating short and medium chain fatty acids are associated with normoalbuminuria in type 1 diabetes of long duration. <i>Scientific Reports</i> , 2021 , 11, 8592	4.9	2

21	The associations between individual plasma SFAs, serine palmitoyl-transferase long-chain base subunit 3 gene rs680379 polymorphism, and type 2 diabetes among Chinese adults. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 704-712	7	2
20	Association of the odd-chain fatty acid content in lipid groups with type 2 diabetes risk: A targeted analysis of lipidomics data in the EPIC-Potsdam cohort. <i>Clinical Nutrition</i> , 2021 , 40, 4988-4999	5.9	8
19	Nutrieepigenomics and chronic obstructive pulmonary disease: potential role of dietary and epigenetics factors in disease development and management. <i>American Journal of Clinical Nutrition</i> , 2021 ,	7	2
18	Dairy Fat Intake, Plasma Pentadecanoic Acid, and Plasma Iso-heptadecanoic Acid Are Inversely Associated With Liver Fat in Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2021 , 72, e90-e96	2.8	8
17	Whole grain products, fish and bilberries alter glucose and lipid metabolism in a randomized, controlled trial: the Sysdimet study. <i>PLoS ONE</i> , 2011 , 6, e22646	3.7	71
16	Association between plasma nonesterified fatty acids species and adipose tissue fatty acid composition. <i>PLoS ONE</i> , 2013 , 8, e74927	3.7	43
15	Odd Chain Fatty Acids Are Not Robust Biomarkers for Dietary Intake of Fiber. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2100316	5.9	
14	Health benefits of ghee (clarified butter) - A review from ayurvedic perspective. <i>IP Journal of Nutrition, Metabolism and Health Science</i> , 2020 , 3, 64-72	0	1
13	Alteration of fatty acid profile of milk in Holstein cows fed as probiotic: a field study. <i>Iranian Journal of Veterinary Research</i> , 2021 , 22, 100-106	0.7	
12	Non-esterified fatty acids as biomarkers of diet and glucose homeostasis in pregnancy: The impact of fatty acid reporting methods: NEFA reporting methods affect dietary and cardiometabolic endpoints. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2021 , 176, 102378	2.8	1
11	Cocoa husks fed to lactating dairy ewes affect milk fatty acid profile and oxidative status of blood and milk. <i>Small Ruminant Research</i> , 2022 , 207, 106599	1.7	0
10	Total Fatty Acid and Polar Lipid Species Composition of Human Milk.. <i>Nutrients</i> , 2021 , 14,	6.7	1
9	Associations of Maternal Consumption of Dairy Products during Pregnancy with Perinatal Fatty Acids Profile in the EDEN Cohort Study.. <i>Nutrients</i> , 2022 , 14,	6.7	
8	Kan Dried Blood Spots Æ validiteten i kostholdforskning?. 2016 , 14, 16-18		0
7	Saturated fatty acid biomarkers and risk of cardiometabolic diseases: A meta-analysis of prospective studies. 9,		0
6	Carbon Isotope Ratios of Plasma and RBC Fatty Acids Identify Meat Consumers in a 12-week Inpatient Feeding Study of 32 Men.		0
5	Paper Spray Ionization Ion Mobility Mass Spectrometry of Sebum Classifies Biomarker Classes for the Diagnosis of Parkinson Disease. 2022 , 2, 2013-2022		1
4	The multiple facets of acetyl-CoA metabolism: Energetics, biosynthesis, regulation, acylation and inborn errors. 2023 , 138, 106966		1

- 3 High dairy products intake modifies the correlation between Tocopherol levels and serum proteins related to lipid metabolism in subjects at risk of type 2 diabetes. **2023**, 100, 105375 ○
- 2 Deep phenotyping and biomarkers of various dairy fat intakes in an 8-week randomized clinical trial and 2-year swine study. **2022**, 109239 ○
- 1 Comparative Analysis of Metabolites between Different Altitude Schizothorax nukiangensis (Cyprinidae, Schizothoracine) on the Qinghai-Tibet Plateau in Nujiang River. **2023**, 15, 284 ○