

Kinetics of  $^{13}\text{C}$ -DHA before and during fish-oil supplement

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Fatty Acid Metabolism in Carriers of Apolipoprotein E Epsilon 4 Allele: Is It Contributing to Higher Risk of Cognitive Decline and Coronary Heart Disease?. <i>Nutrients</i> , 2014, 6, 4452-4471.	1.7	60
2	Apolipoprotein E isoforms disrupt long-chain fatty acid distribution in the plasma, the liver and the adipose tissue of mice. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2014, 91, 261-267.	1.0	17
3	Challenges to determining whether DHA can protect against age-related cognitive decline. <i>Clinical Lipidology</i> , 2015, 10, 91-102.	0.4	11
4	Interaction between BMI and APOE genotype is associated with changes in the plasma long-chain PUFA response to a fish-oil supplement in healthy participants. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 505-513.	2.2	43
5	Disrupted fatty acid distribution in HDL and LDL according to apolipoprotein E allele. <i>Nutrition</i> , 2015, 31, 807-812.	1.1	6
6	Fatty acid metabolism and its longitudinal relationship with the hypothalamic-pituitary-adrenal axis in major depression: Associations with prospective antidepressant response. <i>Psychoneuroendocrinology</i> , 2015, 59, 1-13.	1.3	37
7	A Diet Rich in Docosahexaenoic Acid Restores Liver Arachidonic Acid and Docosahexaenoic Acid Concentrations in Mice Homozygous for the Human Apolipoprotein E $\epsilon$ 4 Allele. <i>Journal of Nutrition</i> , 2016, 146, 1315-1321.	1.3	10
8	Effect of dietary docosahexaenoic acid (DHA) in phospholipids or triglycerides on brain DHA uptake and accretion. <i>Journal of Nutritional Biochemistry</i> , 2016, 33, 91-102.	1.9	75
9	Enhanced Bioavailability of EPA From Emulsified Fish Oil Preparations Versus Capsular Triacylglycerol. <i>Lipids</i> , 2016, 51, 643-651.	0.7	15
10	Consumption of Fish Oil Providing Amounts of Eicosapentaenoic Acid and Docosahexaenoic Acid That Can Be Obtained from the Diet Reduces Blood Pressure in Adults with Systolic Hypertension: A Retrospective Analysis. <i>Journal of Nutrition</i> , 2016, 146, 516-523.	1.3	56
11	Serum $\alpha$ -Tetracosapentaenoic Acid and Tetracosahexaenoic Acid Increase Following Higher Dietary $\alpha$ -Linolenic Acid but not Docosahexaenoic Acid. <i>Lipids</i> , 2017, 52, 167-172.	0.7	17
12	Docosahexaenoic acid prevents cognitive deficits in human apolipoprotein E epsilon 4-targeted replacement mice. <i>Neurobiology of Aging</i> , 2017, 57, 28-35.	1.5	18
13	Conversion efficiency of alpha linolenic acid to omega-3 highly unsaturated fatty acids in aerial insectivore chicks. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	22
14	Compound-specific isotope analysis resolves the dietary origin of docosahexaenoic acid in the mouse brain. <i>Journal of Lipid Research</i> , 2017, 58, 2071-2081.	2.0	32
15	Metabolism of uniformly labeled $^{13}\text{C}$ -eicosapentaenoic acid and $^{13}\text{C}$ -arachidonic acid in young and old men. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 467-474.	2.2	17
16	Impact of Biological Feedback and Incentives on Blood Fatty Acid Concentrations, Including Omega-3 Index, in an Employer-Based Wellness Program. <i>Nutrients</i> , 2017, 9, 842.	1.7	2
17	Omega-3 fatty acids eicosapentaenoic acid and docosahexaenoic acid and their mechanisms of action on apolipoprotein B-containing lipoproteins in humans: a review. <i>Lipids in Health and Disease</i> , 2017, 16, 149.	1.2	96
18	Retroconversion is a minor contributor to increases in eicosapentaenoic acid following docosahexaenoic acid feeding as determined by compound specific isotope analysis in rat liver. <i>Nutrition and Metabolism</i> , 2017, 14, 75.	1.3	39

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19	Role of Fish Oil in Post - Cardiomyotomy Bleeding: A Summary of the Basic Science and Clinical Trials. <i>Annals of Thoracic Surgery</i> , 2018, 105, 1563-1567.	0.7	8
20	Single-tube biosynthesis and extraction of U-13C and U-14C arachidonic acid from microcultures of <i>Mortierella alpina</i> for in vivo pharmacology and metabolic tracing studies. <i>Journal of Pharmacological and Toxicological Methods</i> , 2018, 92, 1-12.	0.3	1
21	Complete assessment of whole-body n-3 and n-6 PUFA synthesis-secretion kinetics and DHA turnover in a rodent model. <i>Journal of Lipid Research</i> , 2018, 59, 357-367.	2.0	19
22	Determinants of Plasma Docosahexaenoic Acid Levels and Their Relationship to Neurological and Cognitive Functions in PKU Patients: A Double Blind Randomized Supplementation Study. <i>Nutrients</i> , 2018, 10, 1944.	1.7	12
23	Best practices for the design, laboratory analysis, and reporting of trials involving fatty acids. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 211-227.	2.2	138
24	Association of oily fish intake, sex, age, BMI and APOE genotype with plasma long-chain n-3 fatty acid composition. <i>British Journal of Nutrition</i> , 2018, 120, 23-32.	1.2	15
25	Aquatic and terrestrial resources are not nutritionally reciprocal for consumers. <i>Functional Ecology</i> , 2019, 33, 2042-2052.	1.7	54
26	Updates to the n-3 polyunsaturated fatty acid biosynthesis pathway: DHA synthesis rates, tetracosahexaenoic acid and (minimal) retroconversion. <i>Progress in Lipid Research</i> , 2019, 76, 101008.	5.3	58
27	Compound-specific isotope analysis reveals no retroconversion of DHA to EPA but substantial conversion of EPA to DHA following supplementation: a randomized control trial. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 823-831.	2.2	61
28	Rapeseed oil fortified with micronutrients improves cognitive alterations associated with metabolic syndrome. <i>Brain, Behavior, and Immunity</i> , 2020, 84, 23-35.	2.0	7
29	Natural abundance carbon isotope ratio analysis and its application in the study of diet and metabolism. <i>Nutrition Reviews</i> , 2021, 79, 869-888.	2.6	11
30	Eicosapentaenoic and docosahexaenoic acid derived specialised pro-resolving mediators: Concentrations in humans and the effects of age, sex, disease and increased omega-3 fatty acid intake. <i>Biochimie</i> , 2020, 178, 105-123.	1.3	83
31	Icosabutate Exerts Beneficial Effects Upon Insulin Sensitivity, Hepatic Inflammation, Lipotoxicity, and Fibrosis in Mice. <i>Hepatology Communications</i> , 2020, 4, 193-207.	2.0	15
32	Comparison of pharmacokinetics of omega-3 fatty acid supplements in monoacylglycerol or ethyl ester in humans: a randomized controlled trial. <i>European Journal of Clinical Nutrition</i> , 2021, 75, 680-688.	1.3	21
33	DHA 12-LOX-derived oxylipins regulate platelet activation and thrombus formation through a PKA-dependent signaling pathway. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 839-851.	1.9	23
35	Biosynthesis of uniformly carbon isotope-labeled docosahexaenoic acid in <i>Cryptocodinium cohnii</i> . <i>AMB Express</i> , 2020, 10, 45.	1.4	2
36	Long-chain Omega-3 fatty acids supplementation and cognitive performance throughout adulthood: A 6-month randomized controlled trial.. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2022, 178, 102415.	1.0	8
37	Stearoyl-CoA Desaturase inhibition reverses immune, synaptic and cognitive impairments in an Alzheimer's disease mouse model. <i>Nature Communications</i> , 2022, 13, 2061.	5.8	17

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38	Investigating the plasma-liver-brain axis of omega-3 fatty acid metabolism in mouse knock-in for the human apolipoprotein E epsilon 4 allele. <i>Journal of Nutritional Biochemistry</i> , 2023, 111, 109181.	1.9	4
39	Icosabutate: targeting metabolic and inflammatory pathways for the treatment of NASH. <i>Expert Opinion on Investigational Drugs</i> , 2022, 31, 1269-1278.	1.9	2
40	New perspectives on randomized controlled trials with omega-3 fatty acid supplements and cognition: A scoping review. <i>Ageing Research Reviews</i> , 2023, 85, 101835.	5.0	4