Peter L Zock

List of Publications by Citations

80 papers	7,476 citations	39 h-index	80 g-index
80 ext. papers	8,418 ext. citations	6.5 avg, IF	5.76 L-index

#	Paper	IF	Citations
80	Effects of dietary fatty acids and carbohydrates on the ratio of serum total to HDL cholesterol and on serum lipids and apolipoproteins: a meta-analysis of 60 controlled trials. *American Journal of Clinical Nutrition*, **2003**, 77, 1146-55	7	1942
79	Trans fatty acids and coronary heart disease. *New England Journal of Medicine*, **1999**, 340, 1994-8	59.2	386
78	Flow-mediated dilation and cardiovascular risk prediction: a systematic review with meta-analysis. *International Journal of Cardiology*, **2013**, 168, 344-51	3.2	365
77	Continuous dose-response relationship of the LDL-cholesterol-lowering effect of phytosterol intake. *Journal of Nutrition*, **2009**, 139, 271-84	4.1	332
76	Effect of fish oil on heart rate in humans: a meta-analysis of randomized controlled trials. *Circulation*, **2005**, 112, 1945-52	16.7	323
75	Conversion of alpha-linolenic acid in humans is influenced by the absolute amounts of alpha-linolenic acid and linoleic acid in the diet and not by their ratio. *American Journal of Clinical Nutrition*, **2006**, 84, 44-53	7	271
74	Expert consensus and evidence-based recommendations for the assessment of flow-mediated dilation in humans. *European Heart Journal*, **2019**, 40, 2534-2547	9.5	264
73	Docosahexaenoic acid concentrations are higher in women than in men because of estrogenic effects. *American Journal of Clinical Nutrition*, **2004**, 80, 1167-74	7	241
72	Trans fatty acids and their effects on lipoproteins in humans. *Annual Review of Nutrition*, **1995**, 15, 473-93	9.9	222
71	Effect of fish oil on ventricular tachyarrhythmia and death in patients with implantable cardioverter defibrillators: the Study on Omega-3 Fatty Acids and Ventricular Arrhythmia (SOFA) randomized trial. *JAMA - Journal of the American Medical Association*, **2006**, 295, 2613-9	27.4	200
70	Dietary alpha-linolenic acid is associated with reduced risk of fatal coronary heart disease, but increased prostate cancer risk: a meta-analysis. *Journal of Nutrition*, **2004**, 134, 919-22	4.1	171
69	Effects of the pure flavonoids epicatechin and quercetin on vascular function and cardiometabolic health: a randomized, double-blind, placebo-controlled, crossover trial. *American Journal of Clinical Nutrition*, **2015**, 101, 914-21	7	149
68	Intake of very long-chain n-3 fatty acids from fish and incidence of atrial fibrillation. The Rotterdam Study. *American Heart Journal*, **2006**, 151, 857-62	4.9	143
67	Intake of individual saturated fatty acids and risk of coronary heart disease in US men and women: two prospective longitudinal cohort studies. *BMJ, The*, **2016**, 355, i5796	5.9	113
66	Compartmental modeling to quantify alpha-linolenic acid conversion after longer term intake of multiple tracer boluses. *Journal of Lipid Research*, **2005**, 46, 1474-83	6.3	107
65	Tea consumption enhances endothelial-dependent vasodilation; a meta-analysis. *PLoS ONE*, **2011**, 6, e16974	3.7	107
64	The association between dietary saturated fatty acids and ischemic heart disease depends on the type and source of fatty acid in the European Prospective Investigation into Cancer and Nutrition-Netherlands cohort. *American Journal of Clinical Nutrition*, **2016**, 103, 356-65	7	97

63	Intake of fatty acids in general populations worldwide does not meet dietary recommendations to prevent coronary heart disease: a systematic review of data from 40 countries. *Annals of Nutrition and Metabolism*, **2013**, 63, 229-38	4.5	96
62	n-3 fatty acids, ventricular arrhythmia-related events, and fatal myocardial infarction in postmyocardial infarction patients with diabetes. *Diabetes Care*, **2011**, 34, 2515-20	14.6	90
61	Effect of fish oil on ventricular tachyarrhythmia in three studies in patients with implantable cardioverter defibrillators. *European Heart Journal*, **2009**, 30, 820-6	9.5	90
60	Effect of plant sterols from rice bran oil and triterpene alcohols from sheanut oil on serum lipoprotein concentrations in humans. *American Journal of Clinical Nutrition*, **2000**, 72, 1510-5	7	87
59	Pro- and antiarrhythmic properties of a diet rich in fish oil. *Cardiovascular Research*, **2007**, 73, 316-25	9.9	75
58	Dietary trans fatty acids increase serum cholesterylester transfer protein activity in man. *Atherosclerosis*, **1995**, 115, 129-34	3.1	74
57	Incorporated sarcolemmal fish oil fatty acids shorten pig ventricular action potentials. *Cardiovascular Research*, **2006**, 70, 509-20	9.9	72
56	Effects of n-3 fatty acids from fish on premature ventricular complexes and heart rate in humans. *American Journal of Clinical Nutrition*, **2005**, 81, 416-20	7	72
55	The effect of plant sterols on serum triglyceride concentrations is dependent on baseline concentrations: a pooled analysis of 12 randomised controlled trials. *European Journal of Nutrition*, **2013**, 52, 153-60	5.2	67
54	Effect of homocysteine-lowering nutrients on blood lipids: results from four randomised, placebo-controlled studies in healthy humans. *PLoS Medicine*, **2005**, 2, e135	11.6	65
53	Intake and sources of dietary fatty acids in Europe: Are current population intakes of fats aligned with dietary recommendations?. *European Journal of Lipid Science and Technology*, **2015**, 117, 1370-1377	3	58
52	Trans Fat Intake and Its Dietary Sources in General Populations Worldwide: A Systematic Review. *Nutrients*, **2017**, 9,	6.7	57
51	Effect of polyphenol-rich grape seed extract on ambulatory blood pressure in subjects with pre- and stage I hypertension. *British Journal of Nutrition*, **2013**, 110, 2234-41	3.6	57
50	Raloxifene and hormone replacement therapy increase arachidonic acid and docosahexaenoic acid levels in postmenopausal women. *Journal of Endocrinology*, **2004**, 182, 399-408	4.7	56
49	Grape polyphenols do not affect vascular function in healthy men. *Journal of Nutrition*, **2010**, 140, 1769-73	4.1	55
48	Dietary n-3 fatty acids promote arrhythmias during acute regional myocardial ischemia in isolated pig hearts. *Cardiovascular Research*, **2007**, 73, 386-94	9.9	52
47	The effect of black tea on blood pressure: a systematic review with meta-analysis of randomized controlled trials. *PLoS ONE*, **2014**, 9, e103247	3.7	51
46	Adherence to guidelines strongly improves reproducibility of brachial artery flow-mediated dilation. *Atherosclerosis*, **2016**, 248, 196-202	3.1	49

45	Adipose fatty acids and cancers of the breast, prostate and colon: an ecological study. EURAMIC Study Group. *International Journal of Cancer*, **1997**, 72, 587-91	7.5	49
44	Monounsaturated fats from plant and animal sources in relation to risk of coronary heart disease among US men and women. *American Journal of Clinical Nutrition*, **2018**, 107, 445-453	7	46
43	Progressing Insights into the Role of Dietary Fats in the Prevention of Cardiovascular Disease. *Current Cardiology Reports*, **2016**, 18, 111	4.2	43
42	Apoprotein E genotype and the response of serum cholesterol to dietary fat, cholesterol and cafestol. *Atherosclerosis*, **2001**, 154, 547-55	3.1	40
41	CYP7A1 A-278C polymorphism affects the response of plasma lipids after dietary cholesterol or cafestol interventions in humans. *Journal of Nutrition*, **2004**, 134, 2200-4	4.1	35
40	Associations of Monounsaturated Fatty Acids From Plant and Animal Sources With Total and Cause-Specific Mortality in Two US Prospective Cohort Studies. *Circulation Research*, **2019**, 124, 1266-1275	15.7	34
39	Fatty acid intakes of children and adolescents are not in line with the dietary intake recommendations for future cardiovascular health: a systematic review of dietary intake data from thirty countries. *British Journal of Nutrition*, **2011**, 106, 307-16	3.6	34
38	Effect of n-3 fatty acids on heart rate variability and baroreflex sensitivity in middle-aged subjects. *American Heart Journal*, **2003**, 146, E4	4.9	34
37	Intake of phytosterols from natural sources and risk of cardiovascular disease in the European Prospective Investigation into Cancer and Nutrition-the Netherlands (EPIC-NL) population. *European Journal of Preventive Cardiology*, **2015**, 22, 1067-75	3.9	33
36	Red wine polyphenols do not lower peripheral or central blood pressure in high normal blood pressure and hypertension. *American Journal of Hypertension*, **2012**, 25, 718-23	2.3	33
35	Association between n-3 fatty acid status in blood and electrocardiographic predictors of arrhythmia risk in healthy volunteers. *American Journal of Cardiology*, **2002**, 89, 629-31	3	33
34	Antiarrhythmic effects of n-3 fatty acids: evidence from human studies. *Current Opinion in Lipidology*, **2004**, 15, 25-30	4.4	33
33	Analysis of C18:1cis and trans fatty acid isomers by the combination of gas-liquid chromatography of 4,4-dimethyloxazoline derivatives and methyl esters. *JAOCS, Journal of the American Oil Chemistst Society*, **1998**, 75, 977-985	1.8	32
32	Factor VIIa response to a fat-rich meal does not depend on fatty acid composition: a randomized controlled trial. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1998**, 18, 599-603	9.4	30
31	Dietary fats and cancer. *Current Opinion in Lipidology*, **2001**, 12, 5-10	4.4	29
30	Suboptimal potassium intake and potential impact on population blood pressure. *Archives of Internal Medicine*, **2010**, 170, 1501-2		25
29	Dietary intake of eicosapentaenoic acid (EPA) and docosahexaenoic acid (DHA) in children - a workshop report. *British Journal of Nutrition*, **2010**, 103, 923-8	3.6	25
28	Plant-derived polyunsaturated fatty acids and markers of glucose metabolism and insulin resistance: a meta-analysis of randomized controlled feeding trials. *BMJ Open Diabetes Research and Care*, **2019**, 7, e000585	4.5	21

27	Within-person variation in serum lipids: implications for clinical trials. *International Journal of Epidemiology*, **2004**, 33, 534-41	7.8	20
26	Dietary trans-fatty acids and serum lipoproteins in humans. *Current Opinion in Lipidology*, **1996**, 7, 34-7	4.4	20
25	Impact of volunteer-related and methodology-related factors on the reproducibility of brachial artery flow-mediated vasodilation: analysis of 672 individual repeated measurements. *Journal of Hypertension*, **2016**, 34, 1738-45	1.9	19
24	Serum □Tocopherol Has a Nonlinear Inverse Association with Periodontitis among US Adults. *Journal of Nutrition*, **2015**, 145, 893-9	4.1	17
23	(N-3) fatty acids do not affect electrocardiographic characteristics of healthy men and women. *Journal of Nutrition*, **2002**, 132, 3051-4	4.1	17
22	Size and shape of the associations of glucose, HbA, insulin and HOMA-IR with incident type 2 diabetes: the Hoorn Study. *Diabetologia*, **2018**, 61, 93-100	10.3	14
21	Effect of n-3 fatty acids from fish on electrocardiographic characteristics in patients with frequent premature ventricular complexes. *British Journal of Nutrition*, **2005**, 93, 787-90	3.6	14
20	Fat composition of vegetable oil spreads and margarines in the USA in 2013: a national marketplace analysis. *International Journal of Food Sciences and Nutrition*, **2016**, 67, 372-82	3.7	12
19	Dietary fatty acid intake after myocardial infarction: a theoretical substitution analysis of the Alpha Omega Cohort. *American Journal of Clinical Nutrition*, **2017**, 106, 895-901	7	11
18	Differences in fatty acid composition between cerebral brain lobes in juvenile pigs after fish oil feeding. *British Journal of Nutrition*, **2008**, 100, 794-800	3.6	11
17	Circulating linoleic acid and alpha-linolenic acid and glucose metabolism: the Hoorn Study. *European Journal of Nutrition*, **2017**, 56, 2171-2180	5.2	10
16	Intake of essential fatty acids in Indonesian children: secondary analysis of data from a nationally representative survey. *British Journal of Nutrition*, **2016**, 115, 687-93	3.6	7
15	Compliance with Dietary Guidelines and Increased Fortification Can Double Vitamin D Intake: A Simulation Study. *Annals of Nutrition and Metabolism*, **2016**, 69, 246-255	4.5	6
14	Plasma and Dietary Linoleic Acid and 3-Year Risk of Type 2 Diabetes After Myocardial Infarction: A Prospective Analysis in the Alpha Omega Cohort. *Diabetes Care*, **2020**, 43, 358-365	14.6	6
13	Effect of □linolenic acid on 24-h ambulatory blood pressure in untreated high-normal and stage I hypertensive subjects. *British Journal of Nutrition*, **2019**, 121, 155-163	3.6	5
12	Assessing the perceived quality of brachial artery Flow Mediated Dilation studies for inclusion in meta-analyses and systematic reviews: Description of data employed in the development of a scoring ;tool based on currently accepted guidelines. *Data in Brief*, **2016**, 8, 73-7	1.2	4
11	Comment on Sergeant et al.: Impact of methods used to express levels of circulating fatty acids on the degree and direction of associations with blood lipids in humans. *British Journal of Nutrition*, **2016**, 115, 2077-8	3.6	4
10	Dietary stearic acid and palmitic acid do not differently affect ABCA1-mediated cholesterol efflux capacity in healthy men and postmenopausal women: A randomized controlled trial. *Clinical Nutrition*, **2021**, 40, 804-811	5.9	4

9	Circulating Polyunsaturated Fatty Acids as Biomarkers for Dietary Intake across Subgroups: The CODAM and Hoorn Studies. *Annals of Nutrition and Metabolism*, **2018**, 72, 117-125	4.5	3
8	Effects of n-3 fatty acids on arrhythmic events and mortality in the SOFA implantable cardioverter defibrillator trial. *American Journal of Clinical Nutrition*, **2006**, 84, 1554; author reply 1554-5	7	2
7	Reply to H-M Cheng and K Sundram. *American Journal of Clinical Nutrition*, **1999**, 70, 104-105	7	2
6	Dietary and Circulating Long-Chain Omega-3 Polyunsaturated Fatty Acids and Mortality Risk After Myocardial Infarction: A Long-Term Follow-Up of the Alpha Omega Cohort. *Journal of the American Heart Association*, **2021**, 10, e022617	6	1
5	Effects of two consecutive mixed meals high in palmitic acid or stearic acid on 8-h postprandial lipemia and glycemia in healthy-weight and overweight men and postmenopausal women: a randomized controlled trial. *European Journal of Nutrition*, **2021**, 60, 3659-3667	5.2	1
4	The Relation Between Adult Weight Gain, Adipocyte Volume, and the Metabolic Profile at Middle Age. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, e4438-e4447	5.6	1
3	Associations of linoleic acid with markers of glucose metabolism and liver function in South African adults. *Lipids in Health and Disease*, **2020**, 19, 138	4.4	0
2	Antioxidant vitamins and cardiovascular disease. *Pharmacological Research*, **1999**, 40, 209-10	10.2	
1	Reply to: "Adherence to guidelines strongly improves reproducibility of brachial artery flow-mediated dilation. Common mistakes and methodological issue". *Atherosclerosis*, **2016**, 251, 492	3.1	