Peter L Zock

List of Publications by Year in Descending Order

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	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
79	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
78	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
77	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
76	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
75	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
74	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
73	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
72	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
71	Effect of α-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
70	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
69	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
68	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
67	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
66	Circulating linoleic acid and alpha-linolenic acid and glucose metabolism: the Hoorn Study. *European Journal of Nutrition*, **2017**, 56, 2171-2180	5.2	10
65	Trans Fat Intake and Its Dietary Sources in General Populations Worldwide: A Systematic Review. *Nutrients*, **2017**, 9,	6.7	57
64	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

63	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
62	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
61	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
60	Adherence to guidelines strongly improves reproducibility of brachial artery flow-mediated dilation. *Atherosclerosis*, **2016**, 248, 196-202	3.1	49
59	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
58	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
57	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
56	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
55	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	
54	Progressing Insights into the Role of Dietary Fats in the Prevention of Cardiovascular Disease. *Current Cardiology Reports*, **2016**, 18, 111	4.2	43
53	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
52	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
51	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
50	Serum □Tocopherol Has a Nonlinear Inverse Association with Periodontitis among US Adults. *Journal of Nutrition*, **2015**, 145, 893-9	4.1	17
49	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
48	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
47	Flow-mediated dilation and cardiovascular risk prediction: a systematic review with meta-analysis. *International Journal of Cardiology*, **2013**, 168, 344-51	3.2	365
46	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

45	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
44	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
43	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
42	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
41	Tea consumption enhances endothelial-dependent vasodilation; a meta-analysis. *PLoS ONE*, **2011**, 6, e16974	3.7	107
40	Grape polyphenols do not affect vascular function in healthy men. *Journal of Nutrition*, **2010**, 140, 1769-73	4.1	55
39	Suboptimal potassium intake and potential impact on population blood pressure. *Archives of Internal Medicine*, **2010**, 170, 1501-2		25
38	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
37	Continuous dose-response relationship of the LDL-cholesterol-lowering effect of phytosterol intake. *Journal of Nutrition*, **2009**, 139, 271-84	4.1	332
36	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
35	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
34	Pro- and antiarrhythmic properties of a diet rich in fish oil. *Cardiovascular Research*, **2007**, 73, 316-25	9.9	75
33	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
32	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
31	Incorporated sarcolemmal fish oil fatty acids shorten pig ventricular action potentials. *Cardiovascular Research*, **2006**, 70, 509-20	9.9	72
30	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
29	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
28	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

27	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
26	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
25	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
24	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
23	Effect of fish oil on heart rate in humans: a meta-analysis of randomized controlled trials. *Circulation*, **2005**, 112, 1945-52	16.7	323
22	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
21	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
20	Within-person variation in serum lipids: implications for clinical trials. *International Journal of Epidemiology*, **2004**, 33, 534-41	7.8	20
19	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
18	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
17	Antiarrhythmic effects of n-3 fatty acids: evidence from human studies. *Current Opinion in Lipidology*, **2004**, 15, 25-30	4.4	33
16	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
15	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
14	(N-3) fatty acids do not affect electrocardiographic characteristics of healthy men and women. *Journal of Nutrition*, **2002**, 132, 3051-4	4.1	17
13	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
12	Apoprotein E genotype and the response of serum cholesterol to dietary fat, cholesterol and cafestol. *Atherosclerosis*, **2001**, 154, 547-55	3.1	40
11	Dietary fats and cancer. *Current Opinion in Lipidology*, **2001**, 12, 5-10	4.4	29
10	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

9	Reply to H-M Cheng and K Sundram. *American Journal of Clinical Nutrition*, **1999**, 70, 104-105	7	2
8	Trans fatty acids and coronary heart disease. *New England Journal of Medicine*, **1999**, 340, 1994-8	59.2	386
7	Antioxidant vitamins and cardiovascular disease. *Pharmacological Research*, **1999**, 40, 209-10	10.2	
6	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
5	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
4	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
3	Dietary trans-fatty acids and serum lipoproteins in humans. *Current Opinion in Lipidology*, **1996**, 7, 34-7	4.4	20
2	Dietary trans fatty acids increase serum cholesterylester transfer protein activity in man. *Atherosclerosis*, **1995**, 115, 129-34	3.1	74
1	Trans fatty acids and their effects on lipoproteins in humans. *Annual Review of Nutrition*, **1995**, 15, 473-93	9.9	222