Catherine M Phillips

List of Publications by Year in Descending Order

76 papers	2,981 citations	31 h-index	53 g-index
80 ext. papers	3,651 ext. citations	4.7 avg, IF	5.82 L-index

#	Paper	IF	Citations
76	Maternal C3 complement and C-reactive protein and pregnancy and fetal outcomes: A secondary analysis of the PEARS RCT-An mHealth-supported, lifestyle intervention among pregnant women with overweight and obesity. *Cytokine*, **2022**, 149, 155748	4	0
75	Inflammatory potential of diet and health outcomes in pregnancy, infancy, and childhood **2022**, 609-663		
74	Comparing dietary score associations with lipoprotein particle subclass profiles: A cross-sectional analysis of a middle-to older-aged population. *Clinical Nutrition*, **2021**, 40, 4720-4729	5.9	2
73	Dietary Quality and Dietary Inflammatory Potential During Pregnancy and Offspring Emotional and Behavioral Symptoms in Childhood: An Individual Participant Data Meta-analysis of Four European Cohorts. *Biological Psychiatry*, **2021**, 89, 550-559	7.9	5
72	Associations of maternal dietary inflammatory potential and quality with offspring birth outcomes: An individual participant data pooled analysis of 7 European cohorts in the ALPHABET consortium. *PLoS Medicine*, **2021**, 18, e1003491	11.6	15
71	Dietary Quality Determined by the Healthy Eating Index-2015 and Biomarkers of Chronic Low-Grade Inflammation: A Cross-Sectional Analysis in Middle-to-Older Aged Adults. *Nutrients*, **2021**, 13,	6.7	8
70	Maternal dietary quality, inflammatory potential and childhood adiposity: an individual participant data pooled analysis of seven European cohorts in the ALPHABET consortium. *BMC Medicine*, **2021**, 19, 33	11.4	15
69	Maternal Dietary Quality and Dietary Inflammation Associations with Offspring Growth, Placental Development, and DNA Methylation. *Nutrients*, **2021**, 13,	6.7	5
68	Maternal diet in pregnancy and child's respiratory outcomes: an individual participant data meta-analysis of 18 000 children. *European Respiratory Journal*, **2021**,	13.6	3
67	Predictors of the dietary inflammatory index in children and associations with childhood weight status: A longitudinal analysis in the Lifeways Cross-Generation Cohort Study. *Clinical Nutrition*, **2020**, 39, 2169-2179	5.9	14
66	Intergenerational associations of dietary inflammatory index with birth outcomes and weight status at age 5 and 9: Results from the Lifeways cross-generation cohort study. *Pediatric Obesity*, **2020**, 15, e12588	4.6	5
65	Maternal dietary inflammatory potential and quality are associated with offspring asthma risk over 10-year follow-up: the Lifeways Cross-Generation Cohort Study. *American Journal of Clinical Nutrition*, **2020**, 111, 440-447	7	14
64	Gut Microbiota Associations with Metabolic Health and Obesity Status in Older Adults. *Nutrients*, **2020**, 12,	6.7	12
63	Protective lifestyle behaviours and lipoprotein particle subclass profiles in a middle-to older-aged population. *Atherosclerosis*, **2020**, 314, 18-26	3.1	3
62	Associations between a maternal healthy lifestyle score and adverse offspring birth outcomes and childhood obesity in the Lifeways Cross-Generation Cohort Study. *International Journal of Obesity*, **2020**, 44, 2213-2224	5.5	2
61	Maternal, but not paternal or grandparental, caffeine intake is associated with childhood obesity and adiposity: The Lifeways Cross-Generation Cohort Study. *American Journal of Clinical Nutrition*, **2019**, 109, 1648-1655	7	9
60	Adherence to the Healthy Eating Index-2015 across Generations Is Associated with Birth Outcomes and Weight Status at Age 5 in the Lifeways Cross-Generation Cohort Study. *Nutrients*, **2019**, 11,	6.7	13

59	Maternal Dietary Glycemic and Insulinemic Indexes Are Not Associated with Birth Outcomes or Childhood Adiposity at 5 Years of Age in an Irish Cohort Study. *Journal of Nutrition*, **2019**, 149, 1037-1046	4.1	5
58	Dietary Inflammatory Index and Non-Communicable Disease Risk: A Narrative Review. *Nutrients*, **2019**, 11,	6.7	100
57	Deriving the Dietary Approaches to Stop Hypertension (DASH) Score in Women from Seven Pregnancy Cohorts from the European ALPHABET Consortium. *Nutrients*, **2019**, 11,	6.7	10
56	Relationship between dietary quality, determined by DASH score, and cardiometabolic health biomarkers: A cross-sectional analysis in adults. *Clinical Nutrition*, **2019**, 38, 1620-1628	5.9	22
55	Dietary inflammatory index and mental health: A cross-sectional analysis of the relationship with depressive symptoms, anxiety and well-being in adults. *Clinical Nutrition*, **2018**, 37, 1485-1491	5.9	61
54	Early-life dietary and epigenetic influences on childhood musculoskeletal health: Update on the UK component of the ALPHABET project. *Nutrition Bulletin*, **2018**, 43, 158-173	3.5	1
53	Dietary Inflammatory Index and Biomarkers of Lipoprotein Metabolism, Inflammation and Glucose Homeostasis in Adults. *Nutrients*, **2018**, 10,	6.7	65
52	Replacement of Sedentary Time with Physical Activity: Effect on Lipoproteins. *Medicine and Science in Sports and Exercise*, **2018**, 50, 967-976	1.2	3
51	Associations of maternal caffeine intake with birth outcomes: results from the Lifeways Cross Generation Cohort Study. *American Journal of Clinical Nutrition*, **2018**, 108, 1301-1308	7	23
50	Does replacing sedentary behaviour with light or moderate to vigorous physical activity modulate inflammatory status in adults?. *International Journal of Behavioral Nutrition and Physical Activity*, **2017**, 14, 138	8.4	24
49	Clustering high-dimensional mixed data to uncover sub-phenotypes: joint analysis of phenotypic and genotypic data. *Statistics in Medicine*, **2017**, 36, 4548-4569	2.3	9
48	Metabolically healthy obesity across the life course: epidemiology, determinants, and implications. *Annals of the New York Academy of Sciences*, **2017**, 1391, 85-100	6.5	101
47	The Association between Dietary Quality and Dietary Guideline Adherence with Mental Health Outcomes in Adults: A Cross-Sectional Analysis. *Nutrients*, **2017**, 9,	6.7	24
46	Metabolically Healthy Obesity: Personalised and Public Health Implications. *Trends in Endocrinology and Metabolism*, **2016**, 27, 189-191	8.8	19
45	Number of Days Required to Estimate Habitual Activity Using Wrist-Worn GENEActiv Accelerometer: A Cross-Sectional Study. *PLoS ONE*, **2016**, 11, e0109913	3.7	69
44	Depressive symptoms, anxiety and well-being among metabolic health obese subtypes. *Psychoneuroendocrinology*, **2015**, 62, 47-53	5	26
43	Lipoprotein particle subclass profiles among metabolically healthy and unhealthy obese and non-obese adults: does size matter?. *Atherosclerosis*, **2015**, 242, 399-406	3.1	31
42	Assessing cardiometabolic risk in middle-aged adults using body mass index and waist-height ratio: are two indices better than one? A cross-sectional study. *Diabetology and Metabolic Syndrome*, **2015**, 7, 73	5.6	20

41	HbA1c alone is a poor indicator of cardiometabolic risk in middle-aged subjects with pre-diabetes but is suitable for type 2 diabetes diagnosis: a cross-sectional study. *PLoS ONE*, **2015**, 10, e0134154	3.7	8
40	Optimal central obesity measurement site for assessing cardiometabolic and type 2 diabetes risk in middle-aged adults. *PLoS ONE*, **2015**, 10, e0129088	3.7	13
39	Nutrigenetics: bridging two worlds to understand type 2 diabetes. *Current Diabetes Reports*, **2014**, 14, 477	5.6	9
38	DataSHIELD: taking the analysis to the data, not the data to the analysis. *International Journal of Epidemiology*, **2014**, 43, 1929-44	7.8	116
37	Metabolically healthy obesity: definitions, determinants and clinical implications. *Reviews in Endocrine and Metabolic Disorders*, **2013**, 14, 219-27	10.5	238
36	Does inflammation determine metabolic health status in obese and nonobese adults?. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, E1610-9	5.6	182
35	A gene variation (rs12691) in the CCAT/enhancer binding protein modulates glucose metabolism in metabolic syndrome. *Nutrition, Metabolism and Cardiovascular Diseases*, **2013**, 23, 417-23	4.5	6
34	Obesity and body fat classification in the metabolic syndrome: impact on cardiometabolic risk metabotype. *Obesity*, **2013**, 21, E154-61	8	66
33	Defining metabolically healthy obesity: role of dietary and lifestyle factors. *PLoS ONE*, **2013**, 8, e76188	3.7	154
32	Nutrigenetics and metabolic disease: current status and implications for personalised nutrition. *Nutrients*, **2013**, 5, 32-57	6.7	119
31	Comparison of diabetes risk score estimates and cardiometabolic risk profiles in a middle-aged Irish population. *PLoS ONE*, **2013**, 8, e78950	3.7	6
30	Nutrigenetics, metabolic syndrome risk and personalized nutrition. *Current Vascular Pharmacology*, **2013**, 11, 946-53	3.3	9
29	Dietary saturated fat, gender and genetic variation at the TCF7L2 locus predict the development of metabolic syndrome. *Journal of Nutritional Biochemistry*, **2012**, 23, 239-44	6.3	46
28	Dietary fat, abdominal obesity and smoking modulate the relationship between plasma complement component 3 concentrations and metabolic syndrome risk. *Atherosclerosis*, **2012**, 220, 513-9	3.1	36
27	High dietary saturated fat intake accentuates obesity risk associated with the fat mass and obesity-associated gene in adults. *Journal of Nutrition*, **2012**, 142, 824-31	4.1	88
26	Docosahexaenoic acid attenuates macrophage-induced inflammation and improves insulin sensitivity in adipocytes-specific differential effects between LC n-3 PUFA. *Journal of Nutritional Biochemistry*, **2012**, 23, 1192-200	6.3	104
25	Obesity and Body Fat Classification in the Metabolic Syndrome: Impact on Cardiometabolic Risk Metabotype. *Obesity*, **2012**,	8	7
24	A Period 2 genetic variant interacts with plasma SFA to modify plasma lipid concentrations in adults with metabolic syndrome. *Journal of Nutrition*, **2012**, 142, 1213-8	4.1	22

23	Pleiotropic effects of TCF7L2 gene variants and its modulation in the metabolic syndrome: from the LIPGENE study. *Atherosclerosis*, **2011**, 214, 110-6	3.1	41
22	Gene-nutrient interactions and gender may modulate the association between ApoA1 and ApoB gene polymorphisms and metabolic syndrome risk. *Atherosclerosis*, **2011**, 214, 408-14	3.1	36
21	Genetic variations at the lipoprotein lipase gene influence plasma lipid concentrations and interact with plasma n-6 polyunsaturated fatty acids to modulate lipid metabolism. *Atherosclerosis*, **2011**, 218, 416-22	3.1	22
20	Gene-nutrient interactions in the metabolic syndrome: single nucleotide polymorphisms in ADIPOQ and ADIPOR1 interact with plasma saturated fatty acids to modulate insulin resistance. *American Journal of Clinical Nutrition*, **2010**, 91, 794-801	7	67
19	Leptin receptor polymorphisms interact with polyunsaturated fatty acids to augment risk of insulin resistance and metabolic syndrome in adults. *Journal of Nutrition*, **2010**, 140, 238-44	4.1	51
18	Gene-nutrient interactions with dietary fat modulate the association between genetic variation of the ACSL1 gene and metabolic syndrome. *Journal of Lipid Research*, **2010**, 51, 1793-800	6.3	48
17	ACC2 gene polymorphisms, metabolic syndrome, and gene-nutrient interactions with dietary fat. *Journal of Lipid Research*, **2010**, 51, 3500-7	6.3	27
16	Additive effect of polymorphisms in the IL-6, LTA, and TNF-{alpha} genes and plasma fatty acid level modulate risk for the metabolic syndrome and its components. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, 1386-94	5.6	41
15	NOS3 gene polymorphisms are associated with risk markers of cardiovascular disease, and interact with omega-3 polyunsaturated fatty acids. *Atherosclerosis*, **2010**, 211, 539-44	3.1	44
14	The role of inflammation and macrophage accumulation in the development of obesity-induced type 2 diabetes mellitus and the possible therapeutic effects of long-chain n-3 PUFA. *Proceedings of the Nutrition Society*, **2010**, 69, 232-43	2.9	89
13	Dietary saturated fat modulates the association between STAT3 polymorphisms and abdominal obesity in adults. *Journal of Nutrition*, **2009**, 139, 2011-7	4.1	40
12	Complement component 3 polymorphisms interact with polyunsaturated fatty acids to modulate risk of metabolic syndrome. *American Journal of Clinical Nutrition*, **2009**, 90, 1665-73	7	55
11	Gene-nutrient interactions in the metabolic syndrome. *Journal of Nutrigenetics and Nutrigenomics*, **2008**, 1, 136-51		21
10	Prediction of the metabolic syndrome status based on dietary and genetic parameters, using Random Forest. *Genes and Nutrition*, **2008**, 3, 173-6	4.3	44
9	Intestinal microsomal triglyceride transfer protein in type 2 diabetic and non-diabetic subjects: the relationship to triglyceride-rich postprandial lipoprotein composition. *Atherosclerosis*, **2006**, 187, 57-64	3.1	42
8	Genetic and nutrient determinants of the metabolic syndrome. *Current Opinion in Cardiology*, **2006**, 21, 185-93	2.1	73
7	Low density lipoprotein non-esterified fatty acids and lipoprotein lipase in diabetes. *Atherosclerosis* , **2005**, 181, 109-14	3.1	22
6	The metabolic syndrome: the crossroads of diet and genetics. *Proceedings of the Nutrition Society*, **2005**, 64, 371-7	2.9	111

5	Microsomal triglyceride transfer protein polymorphisms and lipoprotein levels in type 2 diabetes. *QJM - Monthly Journal of the Association of Physicians*, **2004**, 97, 211-8	2.7	29
4	Defective chylomicron synthesis as a cause of delayed particle clearance in diabetes?. *International Journal of Experimental Diabetes Research*, **2002**, 3, 171-8		14
3	Microsomal triglyceride transfer protein: does insulin resistance play a role in the regulation of chylomicron assembly?. *Atherosclerosis*, **2002**, 160, 355-60	3.1	44
2	Improved metabolic control reduces the number of postprandial apolipoprotein B-48-containing particles in type 2 diabetes. *Atherosclerosis*, **2000**, 148, 283-91	3.1	52
1	Comparing non-invasive diabetes risk scores for detecting patients in clinical practice: a cross-sectional validation study. *HRB Open Research*,4, 70	1.2	0