Catherine M Phillips

List of Publications by Year
in descending order

80 papers	4,201 citations	109137 35 h-index	118652 62 g-index
80 all docs	80 docs citations	80 times ranked	7049 citing authors

#	Article	IF	Citations
1	Metabolically healthy obesity: Definitions, determinants and clinical implications. Reviews in Endocrine and Metabolic Disorders, 2013, 14, 219-227.	2.6	307
2	Does Inflammation Determine Metabolic Health Status in Obese and Nonobese Adults?. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E1610-E1619.	1.8	241
3	Dietary Inflammatory Index and Non-Communicable Disease Risk: A Narrative Review. Nutrients, 2019, 11, 1873.	1.7	198
4	DataSHIELD: taking the analysis to the data, not the data to the analysis. International Journal of Epidemiology, 2014, 43, 1929-1944.	0.9	188
5	Defining Metabolically Healthy Obesity: Role of Dietary and Lifestyle Factors. PLoS ONE, 2013, 8, e76188.	1.1	186
6	Nutrigenetics and Metabolic Disease: Current Status and Implications for Personalised Nutrition. Nutrients, 2013, 5, 32-57.	1.7	142
7	The metabolic syndrome: the crossroads of diet and genetics. Proceedings of the Nutrition Society, 2005, 64, 371-377.	0.4	141
8	Metabolically healthy obesity across the life course: epidemiology, determinants, and implications. Annals of the New York Academy of Sciences, 2017, 1391, 85-100.	1.8	141
9	High Dietary Saturated Fat Intake Accentuates Obesity Risk Associated with the Fat Mass and Obesity-Associated Gene in Adults. Journal of Nutrition, 2012, 142, 824-831.	1.3	124
10	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, 1192-1200.	1.9	123
11	Dietary Inflammatory Index and Biomarkers of Lipoprotein Metabolism, Inflammation and Glucose Homeostasis in Adults. Nutrients, 2018, 10, 1033.	1.7	115
12	The role of inflammation and macrophage accumulation in the development of obesity-induced type 2 diabetes mellitus and the possible therapeutic effects of long-chainn-3 PUFA. Proceedings of the Nutrition Society, 2010, 69, 232-243.	0.4	108
13	Number of Days Required to Estimate Habitual Activity Using Wrist-Worn GENEActiv Accelerometer: A Cross-Sectional Study. PLoS ONE, 2016, 11, e0109913.	1.1	106
14	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.	2.3	99
15	Genetic and nutrient determinants of the metabolic syndrome. Current Opinion in Cardiology, 2006, 21, 185-193.	0.8	88
16	Gene-nutrient interactions in the metabolic syndrome: single nucleotide polymorphisms in ADIPOQ and ADIPOR1interact with plasma saturated fatty acids to modulate insulin resistance. American Journal of Clinical Nutrition, 2010, 91, 794-801.	2.2	82
17	Obesity and body fat classification in the metabolic syndrome: Impact on cardiometabolic risk metabotype. Obesity, 2013, 21, E154-61.	1.5	78
18	Leptin Receptor Polymorphisms Interact with Polyunsaturated Fatty Acids to Augment Risk of Insulin Resistance and Metabolic Syndrome in Adults. Journal of Nutrition, 2010, 140, 238-244.	1.3	69

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19	Complement component 3 polymorphisms interact with polyunsaturated fatty acids to modulate risk of metabolic syndrome. American Journal of Clinical Nutrition, 2009, 90, 1665-1673.	2.2	59
20	Prediction of the metabolic syndrome status based on dietary and genetic parameters, using Random Forest. Genes and Nutrition, 2008, 3, 173-176.	1.2	57
21	Improved metabolic control reduces the number of postprandial apolipoprotein B-48-containing particles in Type 2 diabetes. Atherosclerosis, 2000, 148, 283-291.	0.4	56
22	Dietary saturated fat, gender and genetic variation at the TCF7L2 locus predict the development of metabolic syndrome. Journal of Nutritional Biochemistry, 2012, 23, 239-244.	1.9	55
23	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, 1793-1800.	2.0	53
24	Microsomal triglyceride transfer protein: does insulin resistance play a role in the regulation of chylomicron assembly?. Atherosclerosis, 2002, 160, 355-360.	0.4	50
25	NOS3 gene polymorphisms are associated with risk markers of cardiovascular disease, and interact with omega-3 polyunsaturated fatty acids. Atherosclerosis, 2010, 211, 539-544.	0.4	50
26	Pleiotropic effects of TCF7L2 gene variants and its modulation in the metabolic syndrome: From the LIPGENE study. Atherosclerosis, 2011, 214, 110-116.	0.4	50
27	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.	2.0	50
28	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.	0.4	49
29	Additive Effect of Polymorphisms in the IL-6, LTA, and TNF-Î± Genes and Plasma Fatty Acid Level Modulate Risk for the Metabolic Syndrome and Its Components. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 1386-1394.	1.8	48
30	Relationship between dietary quality, determined by DASH score, and cardiometabolic health biomarkers: A cross-sectional analysis in adults. Clinical Nutrition, 2019, 38, 1620-1628.	2.3	45
31	Dietary Saturated Fat Modulates the Association between STAT3 Polymorphisms and Abdominal Obesity in Adults. Journal of Nutrition, 2009, 139, 2011-2017.	1.3	44
32	Gene-nutrient interactions and gender may modulate the association between ApoA1 and ApoB gene polymorphisms and metabolic syndrome risk. Atherosclerosis, 2011, 214, 408-414.	0.4	43
33	Lipoprotein particle subclass profiles among metabolically healthy and unhealthy obese and non-obese adults: Does size matter?. Atherosclerosis, 2015, 242, 399-406.	0.4	42
34	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.	3.9	41
35	Dietary fat, abdominal obesity and smoking modulate the relationship between plasma complement component 3 concentrations and metabolic syndrome risk. Atherosclerosis, 2012, 220, 513-519.	0.4	40
36	The Association between Dietary Quality and Dietary Guideline Adherence with Mental Health Outcomes in Adults: A Cross-Sectional Analysis. Nutrients, 2017, 9, 238.	1.7	37

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37	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, 222.	1.7	36
38	Depressive symptoms, anxiety and well-being among metabolic health obese subtypes. Psychoneuroendocrinology, 2015, 62, 47-53.	1.3	35
39	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.	2.3	35
40	Gut Microbiota Associations with Metabolic Health and Obesity Status in Older Adults. Nutrients, 2020, 12, 2364.	1.7	34
41	Assessing cardiometabolic risk in middle-aged adults using body mass index and waistâ€“height ratio: are two indices better than one? A cross-sectional study. Diabetology and Metabolic Syndrome, 2015, 7, 73.	1.2	33
42	Microsomal triglyceride transfer protein polymorphisms and lipoprotein levels in type 2 diabetes. QJM - Monthly Journal of the Association of Physicians, 2004, 97, 211-218.	0.2	31
43	A Period 2 Genetic Variant Interacts with Plasma SFA to Modify Plasma Lipid Concentrations in Adults with Metabolic Syndrome. Journal of Nutrition, 2012, 142, 1213-1218.	1.3	29
44	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.	2.2	29
45	Metabolically Healthy Obesity: Personalised and Public Health Implications. Trends in Endocrinology and Metabolism, 2016, 27, 189-191.	3.1	28
46	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.	2.2	28
47	ACC2 gene polymorphisms, metabolic syndrome, and gene-nutrient interactions with dietary fat. Journal of Lipid Research, 2010, 51, 3500-3507.	2.0	27
48	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, 416-422.	0.4	27
49	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.	2.3	27
50	Low density lipoprotein non-esterified fatty acids and lipoprotein lipase in diabetes. Atherosclerosis, 2005, 181, 109-114.	0.4	26
51	Geneâ€“Nutrient Interactions in the Metabolic Syndrome. Journal of Nutrigenetics and Nutrigenomics, 2008, 1, 136-151.	1.8	26
52	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, 928.	1.7	26
53	Maternal Dietary Quality and Dietary Inflammation Associations with Offspring Growth, Placental Development, and DNA Methylation. Nutrients, 2021, 13, 3130.	1.7	26
54	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.	0.7	23

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55	Deriving the Dietary Approaches to Stop Hypertension (DASH) Score in Women from Seven Pregnancy Cohorts from the European ALPHABET Consortium. Nutrients, 2019, 11, 2706.	1.7	20
56	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.	2.2	18
57	Defective Chylomicron Synthesis as a Cause of Delayed Particle Clearance in Diabetes?. International Journal of Experimental Diabetes Research, 2002, 3, 171-178.	1.0	17
58	Dietary score associations with markers of chronic low-grade inflammation: a cross-sectional comparative analysis of a middle- to older-aged population. European Journal of Nutrition, 2022, 61, 3377-3390.	1.8	17
59	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.	1.6	16
60	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.	2.3	16
61	Clustering highâ€dimensional mixed data to uncover subâ€phenotypes: joint analysis of phenotypic and genotypic data. Statistics in Medicine, 2017, 36, 4548-4569.	0.8	14
62	Intergenerational associations of dietary inflammatory index with birth outcomes and weight status at age 5 and 9: Results from the Lifeways crossâ€generation cohort study. Pediatric Obesity, 2020, 15, e12588.	1.4	14
63	Optimal Central Obesity Measurement Site for Assessing Cardiometabolic and Type 2 Diabetes Risk in Middle-Aged Adults. PLoS ONE, 2015, 10, e0129088.	1.1	14
64	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.	1.1	13
65	Nutrigenetics, Metabolic Syndrome Risk and Personalized Nutrition. Current Vascular Pharmacology, 2014, 11, 946-953.	0.8	13
66	A gene variation (rs12691) in the CCAT/enhancer binding protein Î± modulates glucose metabolism in metabolic syndrome. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, 417-423.	1.1	12
67	Nutrigenetics: Bridging Two Worlds to Understand Type 2 Diabetes. Current Diabetes Reports, 2014, 14, 477.	1.7	11
68	Protective lifestyle behaviours and lipoprotein particle subclass profiles in a middle-to older-aged population. Atherosclerosis, 2020, 314, 18-26.	0.4	11
69	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.	1.3	9
70	Maternal diet in pregnancy and child's respiratory outcomes: an individual participant data meta-analysis of 18â€Š000 children. European Respiratory Journal, 2022, 59, 2101315.	3.1	9
71	Obesity and Body Fat Classification in the Metabolic Syndrome: Impact on Cardiometabolic Risk Metabotype. Obesity, 0, , .	1.5	8
72	Comparison of Diabetes Risk Score Estimates and Cardiometabolic Risk Profiles in a Middle-Aged Irish Population. PLoS ONE, 2013, 8, e78950.	1.1	8

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73	Effect of an Antenatal Lifestyle Intervention on Dietary Inflammatory Index and Its Associations with Maternal and Fetal Outcomes: A Secondary Analysis of the PEARS Trial. Nutrients, 2021, 13, 2798.	1.7	6
74	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.	1.4	6
75	Associations between a protective lifestyle behaviour score and biomarkers of chronic low-grade inflammation: a cross-sectional analysis in middle-to-older aged adults. International Journal of Obesity, 2022, 46, 476-485.	1.6	6
76	Replacement of Sedentary Time with Physical Activity. Medicine and Science in Sports and Exercise, 2018, 50, 967-976.	0.2	4
77	Predictors of maternal dietary quality and dietary inflammation during pregnancy: An individual participant data meta-analysis of seven European cohorts from the ALPHABET consortium. Clinical Nutrition, 2022, 41, 1991-2002.	2.3	4
78	Earlyâ€life dietary and epigenetic influences on childhood musculoskeletal health: Update on the UK component of the ALPHABET project. Nutrition Bulletin, 2018, 43, 158-173.	0.8	2
79	Comparing non-invasive diabetes risk scores for detecting patients in clinical practice: a cross-sectional validation study. HRB Open Research, 0, 4, 70.	0.3	1
80	Inflammatory potential of diet and health outcomes in pregnancy, infancy, and childhood. , 2022, , 609-663.		1