

Caren E Smith

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,160
citations

394421

19
h-index

395702

33
g-index

37
all docs

37
docs citations

37
times ranked

2757
citing authors

#	ARTICLE	IF	CITATIONS
1	FTO genetic variants, dietary intake and body mass index: insights from 177 330 individuals. <i>Human Molecular Genetics</i> , 2014, 23, 6961-6972.	2.9	143
2	Childhood BMI and Adult Type 2 Diabetes, Coronary Artery Diseases, Chronic Kidney Disease, and Cardiometabolic Traits: A Mendelian Randomization Analysis. <i>Diabetes Care</i> , 2018, 41, 1089-1096.	8.6	95
3	Gene × dietary pattern interactions in obesity: analysis of up to 68 317 adults of European ancestry. <i>Human Molecular Genetics</i> , 2015, 24, 4728-4738.	2.9	84
4	Consumption of meat is associated with higher fasting glucose and insulin concentrations regardless of glucose and insulin genetic risk scores: a meta-analysis of 50,345 Caucasians. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 1266-1278.	4.7	69
5	Sugar-Sweetened Beverage but Not Diet Soda Consumption Is Positively Associated with Progression of Insulin Resistance and Prediabetes. <i>Journal of Nutrition</i> , 2016, 146, 2544-2550.	2.9	56
6	Epigenomics and metabolomics reveal the mechanism of the APOA2-saturated fat intake interaction affecting obesity. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 188-200.	4.7	54
7	Carbohydrate and fat intake associated with risk of metabolic diseases through epigenetics of CPT1A. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 1200-1211.	4.7	48
8	Healthy Aging—Nutrition Matters: Start Early and Screen Often. <i>Advances in Nutrition</i> , 2021, 12, 1438-1448.	6.4	47
9	Association of dietary folate and vitamin B-12 intake with genome-wide DNA methylation in blood: a large-scale epigenome-wide association analysis in 5841 individuals. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 437-450.	4.7	46
10	Genome-wide meta-analysis of macronutrient intake of 91,114 European ancestry participants from the cohorts for heart and aging research in genomic epidemiology consortium. <i>Molecular Psychiatry</i> , 2019, 24, 1920-1932.	7.9	44
11	The effects of omega-3 polyunsaturated fatty acids and genetic variants on methylation levels of the interleukin-6 gene promoter. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 410-419.	3.3	41
12	Meta-analysis of genome-wide association studies for circulating phyloquinone concentrations. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 1462-1469.	4.7	39
13	Beverage Consumption and Longitudinal Changes in Lipoprotein Concentrations and Incident Dyslipidemia in US Adults: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2020, 9, e014083.	3.7	38
14	CLOCK 3111 T/C SNP Interacts with Emotional Eating Behavior for Weight-Loss in a Mediterranean Population. <i>PLoS ONE</i> , 2014, 9, e99152.	2.5	37
15	Dietary fatty acids modulate associations between genetic variants and circulating fatty acids in plasma and erythrocyte membranes: Meta-analysis of nine studies in the CHARGE consortium. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1373-1383.	3.3	37
16	Sugar-Sweetened Beverage Consumption Is Associated with Abdominal Fat Partitioning in Healthy Adults. <i>Journal of Nutrition</i> , 2014, 144, 1283-1290.	2.9	33
17	Sugar-sweetened beverage intake associations with fasting glucose and insulin concentrations are not modified by selected genetic variants in a ChREBP-FGF21 pathway: a meta-analysis. <i>Diabetologia</i> , 2018, 61, 317-330.	6.3	32
18	Potential link between excess added sugar intake and ectopic fat: a systematic review of randomized controlled trials. <i>Nutrition Reviews</i> , 2016, 74, 18-32.	5.8	21

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19	Using Machine Learning to Predict Obesity Based on Genome-Wide and Epigenome-Wide Gene-Gene and Gene-Diet Interactions. <i>Frontiers in Genetics</i> , 2021, 12, 783845.	2.3	21
20	Clock Genes Explain a Large Proportion of Phenotypic Variance in Systolic Blood Pressure and This Control Is Not Modified by Environmental Temperature. <i>American Journal of Hypertension</i> , 2016, 29, 132-140.	2.0	20
21	Associations of the MCM6-rs3754686 proxy for milk intake in Mediterranean and American populations with cardiovascular biomarkers, disease and mortality: Mendelian randomization. <i>Scientific Reports</i> , 2016, 6, 33188.	3.3	18
22	A systematic analysis highlights multiple long non-coding RNAs associated with cardiometabolic disorders. <i>Journal of Human Genetics</i> , 2018, 63, 431-446.	2.3	17
23	Apolipoprotein A5 and Lipoprotein Lipase Interact to Modulate Anthropometric Measures in Hispanics of Caribbean Origin. <i>Obesity</i> , 2010, 18, 327-332.	3.0	15
24	Gene Lifestyle Interactions With Relation to Obesity, Cardiometabolic, and Cardiovascular Traits Among South Asians. <i>Frontiers in Endocrinology</i> , 2019, 10, 221.	3.5	15
25	Genome-wide association meta-analysis of circulating odd-numbered chain saturated fatty acids: Results from the CHARGE Consortium. <i>PLoS ONE</i> , 2018, 13, e0196951.	2.5	14
26	Potential Interplay between Dietary Saturated Fats and Genetic Variants of the NLRP3 Inflammasome to Modulate Insulin Resistance and Diabetes Risk: Insights from a Meta-Analysis of 19,005 Individuals. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900226.	3.3	12
27	Metabolomic Links between Sugar-Sweetened Beverage Intake and Obesity. <i>Journal of Obesity</i> , 2020, 2020, 1-10.	2.7	11
28	Genome-Wide Interaction Study of Omega-3 PUFAs and Other Fatty Acids on Inflammatory Biomarkers of Cardiovascular Health in the Framingham Heart Study. <i>Nutrients</i> , 2017, 9, 900.	4.1	9
29	Genome-Wide Interactions with Dairy Intake for Body Mass Index in Adults of European Descent. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700347.	3.3	9
30	A Genome-Wide Association Study Identifies Blood Disorder-Related Variants Influencing Hemoglobin A1c With Implications for Glycemic Status in U.S. Hispanics/Latinos. <i>Diabetes Care</i> , 2019, 42, 1784-1791.	8.6	9
31	Sugar-Sweetened Beverage Consumption May Modify Associations Between Genetic Variants in the CHREBP (Carbohydrate Responsive Element Binding Protein) Locus and HDL-C (High-Density Lipoprotein) Tj ETQq1_10.784314 rgBT / e003288.	3.6	8
32	Genetic admixture and body composition in Puerto Rican adults from the Boston Puerto Rican Osteoporosis Study. <i>Journal of Bone and Mineral Metabolism</i> , 2017, 35, 448-455.	2.7	7
33	The Contribution of Lipids to the Interindividual Response of Vitamin K Biomarkers to Vitamin K Supplementation. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900399.	3.3	5
34	Associations between Circulating Lipids and Fat-Soluble Vitamins and Carotenoids in Healthy Overweight and Obese Men. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa089.	0.3	3
35	Metabolite patterns link diet, obesity, and type 2 diabetes in a Hispanic population. <i>Metabolomics</i> , 2021, 17, 88.	3.0	3
36	Beverage Consumption and Longitudinal Changes in Lipid Concentrations and Incident Dyslipidemia in U.S. Adults: The Framingham Heart Study (P18-017-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz039.P18-017-19.	0.3	0

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37	APOE gene variants interact with dietary fat intake in association with cognitive function in Puerto Rican older adults. FASEB Journal, 2011, 25, 340.8.	0.5	0