

# Colleen M Sitlani

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

2,988  
citations

331670

21  
h-index

189892

50  
g-index

62  
all docs

62  
docs citations

62  
times ranked

8286  
citing authors

#	ARTICLE	IF	CITATIONS
1	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	27.8	1,328
2	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , 2018, 102, 375-400.	6.2	123
3	Circulating Sphingolipids, Insulin, HOMA-IR, and HOMA-B: The Strong Heart Family Study. <i>Diabetes</i> , 2018, 67, 1663-1672.	0.6	120
4	Global Electric Heterogeneity Risk Score for Prediction of Sudden Cardiac Death in the General Population. <i>Circulation</i> , 2016, 133, 2222-2234.	1.6	118
5	Plasma phospholipid very-long-chain saturated fatty acids and incident diabetes in older adults: the Cardiovascular Health Study. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 1047-1054.	4.7	97
6	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , 2018, 13, e0198166.	2.5	94
7	Analysis commons, a team approach to discovery in a big-data environment for genetic epidemiology. <i>Nature Genetics</i> , 2017, 49, 1560-1563.	21.4	93
8	Multiethnic meta-analysis identifies ancestry-specific and cross-ancestry loci for pulmonary function. <i>Nature Communications</i> , 2018, 9, 2976.	12.8	85
9	Plasma Phospholipid Saturated Fatty Acids and Incident Atrial Fibrillation: The Cardiovascular Health Study. <i>Journal of the American Heart Association</i> , 2014, 3, e000889.	3.7	71
10	Circulating sphingolipids, fasting glucose, and impaired fasting glucose: The Strong Heart Family Study. <i>EBioMedicine</i> , 2019, 41, 44-49.	6.1	48
11	Circulating Very Long-Chain Saturated Fatty Acids and Heart Failure: The Cardiovascular Health Study. <i>Journal of the American Heart Association</i> , 2018, 7, e010019.	3.7	45
12	Whole Blood DNA Methylation Signatures of Diet Are Associated With Cardiovascular Disease Risk Factors and All-Cause Mortality. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002766.	3.6	42
13	Parental smoking during pregnancy and offspring cardio-metabolic risk factors at ages 17 and 32. <i>Atherosclerosis</i> , 2014, 235, 430-437.	0.8	39
14	Plasma Ceramide Species Are Associated with Diabetes Risk in Participants of the Strong Heart Study. <i>Journal of Nutrition</i> , 2020, 150, 1214-1222.	2.9	38
15	Generalized estimating equations for genome-wide association studies using longitudinal phenotype data. <i>Statistics in Medicine</i> , 2015, 34, 118-130.	1.6	37
16	Epigenetic Age and the Risk of Incident Atrial Fibrillation. <i>Circulation</i> , 2021, 144, 1899-1911.	1.6	35
17	Genome-Wide Associations of Global Electrical Heterogeneity ECG Phenotype: The ARIC (Atherosclerosis Risk in Communities) Study and CHS (Cardiovascular Health Study). <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	31
18	Plasma Ceramides and Sphingomyelins in Relation to Atrial Fibrillation Risk: The Cardiovascular Health Study. <i>Journal of the American Heart Association</i> , 2020, 9, e012853.	3.7	31

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19	Associations of Plasma Phospholipid SFAs with Total and Cause-Specific Mortality in Older Adults Differ According to SFA Chain Length. <i>Journal of Nutrition</i> , 2016, 146, 298-305.	2.9	29
20	Innate and adaptive immune cell subsets as risk factors for coronary heart disease in two population-based cohorts. <i>Atherosclerosis</i> , 2020, 300, 47-53.	0.8	28
21	Variation in resting heart rate over 4â€¦years and the risks of myocardial infarction and death among older adults. <i>Heart</i> , 2015, 101, 132-138.	2.9	27
22	Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. <i>Diabetes</i> , 2020, 69, 2806-2818.	0.6	26
23	Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. <i>American Journal of Human Genetics</i> , 2019, 105, 15-28.	6.2	21
24	Circulating Ceramides and Sphingomyelins and Risk of Mortality: The Cardiovascular Health Study. <i>Clinical Chemistry</i> , 2021, 67, 1650-1659.	3.2	21
25	Association of Brain Volumes and White Matter Injury With Race, Ethnicity, and Cardiovascular Risk Factors: The Multiâ€¦Ethnic Study of Atherosclerosis. <i>Journal of the American Heart Association</i> , 2022, 11, e023159.	3.7	21
26	Incident Atrial Fibrillation and Disabilityâ€¦Free Survival in the Cardiovascular Health Study. <i>Journal of the American Geriatrics Society</i> , 2016, 64, 838-843.	2.6	20
27	Plasma ceramides containing saturated fatty acids are associated with risk of type 2 diabetes. <i>Journal of Lipid Research</i> , 2021, 62, 100119.	4.2	19
28	Meta-analysis of exome array data identifies six novel genetic loci for lung function. <i>Wellcome Open Research</i> , 2018, 3, 4.	1.8	19
29	Pharmacogenomics of statin-related myopathy: Meta-analysis of rare variants from whole-exome sequencing. <i>PLoS ONE</i> , 2019, 14, e0218115.	2.5	18
30	Longitudinal structural mixed models for the analysis of surgical trials with noncompliance. <i>Statistics in Medicine</i> , 2012, 31, 1738-1760.	1.6	17
31	Genome-Wide Association Study of Apparent Treatment-Resistant Hypertension in the CHARGE Consortium: The CHARGE Pharmacogenetics Working Group. <i>American Journal of Hypertension</i> , 2019, 32, 1146-1153.	2.0	17
32	Common variation in fatty acid metabolic genes and risk of incident sudden cardiac arrest. <i>Heart Rhythm</i> , 2014, 11, 471-477.	0.7	16
33	Parent-of-Origin Effects of the APOB Gene on Adiposity in Young Adults. <i>PLoS Genetics</i> , 2015, 11, e1005573.	3.5	16
34	Drug-Gene Interactions of Antihypertensive Medications and Risk of Incident Cardiovascular Disease: A Pharmacogenomics Study from the CHARGE Consortium. <i>PLoS ONE</i> , 2015, 10, e0140496.	2.5	15
35	Identifying genetic loci associated with antidepressant drug response with drugâ€¦gene interaction models in a population-based study. <i>Journal of Psychiatric Research</i> , 2015, 62, 31-37.	3.1	13
36	The Challenges of Genome-Wide Interaction Studies: Lessons to Learn from the Analysis of HDL Blood Levels. <i>PLoS ONE</i> , 2014, 9, e109290.	2.5	13

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37	Multi-phenotype analyses of hemostatic traits with cardiovascular events reveal novel genetic associations. <i>Journal of Thrombosis and Haemostasis</i> , 2022, 20, 1331-1349.	3.8	12
38	Role of Rare and Low-Frequency Variants in Gene-Alcohol Interactions on Plasma Lipid Levels. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002772.	3.6	11
39	A systematic analysis of protein-altering exonic variants in chronic obstructive pulmonary disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L130-L143.	2.9	11
40	Meta-analysis of exome array data identifies six novel genetic loci for lung function. <i>Wellcome Open Research</i> , 0, 3, 4.	1.8	11
41	Associations of Innate and Adaptive Immune Cell Subsets With Incident Type 2 Diabetes Risk: The MESA Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e848-e857.	3.6	10
42	Nonclassical Monocytes (CD14 <sup>dim</sup> CD16 <sup>+</sup> ) Are Associated With Carotid Intima-Media Thickness Progression for Men but Not Women. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1810-1817.	2.4	10
43	Natural killer cells, gamma delta T cells and classical monocytes are associated with systolic blood pressure in the multi-ethnic study of atherosclerosis (MESA). <i>BMC Cardiovascular Disorders</i> , 2021, 21, 45.	1.7	10
44	Obesity Partially Mediates the Diabetogenic Effect of Lowering LDL Cholesterol. <i>Diabetes Care</i> , 2022, 45, 232-240.	8.6	10
45	Maternal Genetic Variation Accounts in Part for the Associations of Maternal Size during Pregnancy with Offspring Cardiometabolic Risk in Adulthood. <i>PLoS ONE</i> , 2014, 9, e91835.	2.5	9
46	A genome-wide interaction analysis of tricyclic/tetracyclic antidepressants and RR and QT intervals: a pharmacogenomics study from the Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) consortium. <i>Journal of Medical Genetics</i> , 2017, 54, 313-323.	3.2	9
47	Associations of Early and Late Gestational Weight Gain with Infant Birth Size. <i>Maternal and Child Health Journal</i> , 2015, 19, 2462-2469.	1.5	8
48	Integrative analysis of clinical and epigenetic biomarkers of mortality. <i>Aging Cell</i> , 2022, 21, e13608.	6.7	8
49	Genome-wide association study and meta-analysis identify loci associated with ventricular and supraventricular ectopy. <i>Scientific Reports</i> , 2018, 8, 5675.	3.3	4
50	Genome-wide meta-analysis of SNP and antihypertensive medication interactions on left ventricular traits in African Americans. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2019, 7, e00788.	1.2	4
51	Multi-Ethnic Genome-Wide Association Study of Decomposed Cardioelectric Phenotypes Illustrates Strategies to Identify and Characterize Evidence of Shared Genetic Effects for Complex Traits. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002680.	3.6	4
52	Plasma epoxyeicosatrienoic acids and dihydroxyeicosatrienoic acids, insulin, glucose and risk of diabetes: The strong heart study. <i>EBioMedicine</i> , 2021, 66, 103279.	6.1	4
53	Association of immune cell subsets with cardiac mechanics in the Multi-Ethnic Study of Atherosclerosis. <i>JCI Insight</i> , 2021, 6, .	5.0	4
54	Monocyte subsets, T cell activation profiles, and stroke in men and women: The Multi-Ethnic Study of Atherosclerosis and Cardiovascular Health Study. <i>Atherosclerosis</i> , 2022, 351, 18-25.	0.8	4

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55	Genome-wide meta-analysis of SNP-by9-ACEI/ARB and SNP-by-thiazide diuretic and effect on serum potassium in cohorts of European and African ancestry. <i>Pharmacogenomics Journal</i> , 2019, 19, 97-108.	2.0	3
56	Incorporating sampling weights into robust estimation of Cox proportional hazards regression model, with illustration in the Multi-Ethnic Study of Atherosclerosis. <i>BMC Medical Research Methodology</i> , 2020, 20, 62.	3.1	3
57	Analyzing longitudinal data to characterize the accuracy of markers used to select treatment. <i>Statistics in Medicine</i> , 2014, 33, 2881-2896.	1.6	2
58	Rare and low-frequency exonic variants and gene-by-smoking interactions in pulmonary function. <i>Scientific Reports</i> , 2021, 11, 19365.	3.3	2
59	Genome-wide gene-environment interactions on quantitative traits using family data. <i>European Journal of Human Genetics</i> , 2016, 24, 1022-1028.	2.8	1
60	Comparison of adaptive multiple phenotype association tests using summary statistics in genome-wide association studies. <i>Human Molecular Genetics</i> , 2021, 30, 1371-1383.	2.9	1
61	Meta-analysis of exome array data identifies six novel genetic loci for lung function. <i>Wellcome Open Research</i> , 0, 3, 4.	1.8	1
62	GWAS of Variant-by-Thiazide Interaction on Lipids Identifies a Novel Low-Density Lipoprotein Cholesterol Locus. <i>Circulation Research</i> , 0, , .	4.5	1