Colleen M Sitlani

List of Publications by Year
in descending order

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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	Obesity Partially Mediates the Diabetogenic Effect of Lowering LDL Cholesterol. Diabetes Care, 2022, 45, 232-240.	8.6	10
2	Multiâ€phenotype analyses of hemostatic traits with cardiovascular events reveal novel genetic associations. Journal of Thrombosis and Haemostasis, 2022, 20, 1331-1349.	3.8	12
3	Association of Brain Volumes and White Matter Injury With Race, Ethnicity, and Cardiovascular Risk Factors: The Multiâ€Ethnic Study of Atherosclerosis. Journal of the American Heart Association, 2022, 11, e023159.	3.7	21
4	Integrative analysis of clinical and epigenetic biomarkers of mortality. Aging Cell, 2022, 21, e13608.	6.7	8
5	Monocyte subsets, T cell activation profiles, and stroke in men and women: The Multi-Ethnic Study of Atherosclerosis and Cardiovascular Health Study. Atherosclerosis, 2022, 351, 18-25.	0.8	4
6	Plasma epoxyeicosatrienoic acids and dihydroxyeicosatrieonic acids, insulin, glucose and risk of diabetes: The strong heart study. EBioMedicine, 2021, 66, 103279.	6.1	4
7	Nonclassical Monocytes (CD14dimCD16+) Are Associated With Carotid Intima-Media Thickness Progression for Men but Not Women. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1810-1817.	2.4	10
8	Comparison of adaptive multiple phenotype association tests using summary statistics in genome-wide association studies. Human Molecular Genetics, 2021, 30, 1371-1383.	2.9	1
9	Association of immune cell subsets with cardiac mechanics in the Multi-Ethnic Study of Atherosclerosis. JCI Insight, 2021, 6, .	5.0	4
10	A systematic analysis of protein-altering exonic variants in chronic obstructive pulmonary disease. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L130-L143.	2.9	11
11	Rare and low-frequency exonic variants and gene-by-smoking interactions in pulmonary function. Scientific Reports, 2021, 11, 19365.	3.3	2
12	Epigenetic Age and the Risk of Incident Atrial Fibrillation. Circulation, 2021, 144, 1899-1911.	1.6	35
13	Circulating Ceramides and Sphingomyelins and Risk of Mortality: The Cardiovascular Health Study. Clinical Chemistry, 2021, 67, 1650-1659.	3.2	21
14	Plasma ceramides containing saturated fatty acids are associated with risk of type 2 diabetes. Journal of Lipid Research, 2021, 62, 100119.	4.2	19
15	Natural killer cells, gamma delta T cells and classical monocytes are associated with systolic blood pressure in the multi-ethnic study of atherosclerosis (MESA). BMC Cardiovascular Disorders, 2021, 21, 45.	1.7	10
16	Plasma Ceramide Species Are Associated with Diabetes Risk in Participants of the Strong Heart Study. Journal of Nutrition, 2020, 150, 1214-1222.	2.9	38
17	Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. Diabetes, 2020, 69, 2806-2818.	0.6	26
18	Whole Blood DNA Methylation Signatures of Diet Are Associated With Cardiovascular Disease Risk Factors and All-Cause Mortality. Circulation Genomic and Precision Medicine, 2020, 13, e002766.	3.6	42

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19	Role of Rare and Low-Frequency Variants in Gene-Alcohol Interactions on Plasma Lipid Levels. Circulation Genomic and Precision Medicine, 2020, 13, e002772.	3.6	11
20	Incorporating sampling weights into robust estimation of Cox proportional hazards regression model, with illustration in the Multi-Ethnic Study of Atherosclerosis. BMC Medical Research Methodology, 2020, 20, 62.	3.1	3
21	Innate and adaptive immune cell subsets as risk factors for coronary heart disease in two population-based cohorts. Atherosclerosis, 2020, 300, 47-53.	0.8	28
22	Multi-Ethnic Genome-Wide Association Study of Decomposed Cardioelectric Phenotypes Illustrates Strategies to Identify and Characterize Evidence of Shared Genetic Effects for Complex Traits. Circulation Genomic and Precision Medicine, 2020, 13, e002680.	3.6	4
23	Plasma Ceramides and Sphingomyelins in Relation to Atrial Fibrillation Risk: The Cardiovascular Health Study. Journal of the American Heart Association, 2020, 9, e012853.	3.7	31
24	Associations of Innate and Adaptive Immune Cell Subsets With Incident Type 2 Diabetes Risk: The MESA Study. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e848-e857.	3.6	10
25	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. Pharmacogenomics Journal, 2019, 19, 97-108.	2.0	3
26	Genomeâ€wide metaâ€analysis of SNP and antihypertensive medication interactions on left ventricular traits in African Americans. Molecular Genetics & Genomic Medicine, 2019, 7, e00788.	1.2	4
27	Pharmacogenomics of statin-related myopathy: Meta-analysis of rare variants from whole-exome sequencing. PLoS ONE, 2019, 14, e0218115.	2.5	18
28	Genome-Wide Association Study of Apparent Treatment-Resistant Hypertension in the CHARGE Consortium: The CHARGE Pharmacogenetics Working Group. American Journal of Hypertension, 2019, 32, 1146-1153.	2.0	17
29	Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. American Journal of Human Genetics, 2019, 105, 15-28.	6.2	21
30	Circulating sphingolipids, fasting glucose, and impaired fasting glucose: The Strong Heart Family Study. EBioMedicine, 2019, 41, 44-49.	6.1	48
31	Genome-wide association study and meta-analysis identify loci associated with ventricular and supraventricular ectopy. Scientific Reports, 2018, 8, 5675.	3.3	4
32	Genomeâ€Wide Associations of Global Electrical Heterogeneity ECG Phenotype: The ARIC (Atherosclerosis Risk in Communities) Study and CHS (Cardiovascular Health Study). Journal of the American Heart Association, 2018, 7, .	3.7	31
33	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. American Journal of Human Genetics, 2018, 102, 375-400.	6.2	123
34	Circulating Sphingolipids, Insulin, HOMA-IR, and HOMA-B: The Strong Heart Family Study. Diabetes, 2018, 67, 1663-1672.	0.6	120
35	Circulating Very Longâ€Chain Saturated Fatty Acids and Heart Failure: The Cardiovascular Health Study. Journal of the American Heart Association, 2018, 7, e010019.	3.7	45
36	Multiethnic meta-analysis identifies ancestry-specific and cross-ancestry loci for pulmonary function. Nature Communications, 2018, 9, 2976.	12.8	85

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37	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. PLoS ONE, 2018, 13, e0198166.	2.5	94
38	Meta-analysis of exome array data identifies six novel genetic loci for lung function. Wellcome Open Research, 2018, 3, 4.	1.8	19
39	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. Journal of Medical Genetics, 2017, 54, 313-323.	3.2	9
40	Analysis commons, a team approach to discovery in a big-data environment for genetic epidemiology. Nature Genetics, 2017, 49, 1560-1563.	21.4	93
41	Global Electric Heterogeneity Risk Score for Prediction of Sudden Cardiac Death in the General Population. Circulation, 2016, 133, 2222-2234.	1.6	118
42	Incident Atrial Fibrillation and Disabilityâ€Free Survival in the Cardiovascular Health Study. Journal of the American Geriatrics Society, 2016, 64, 838-843.	2.6	20
43	Genome-wide geneâ€“environment interactions on quantitative traits using family data. European Journal of Human Genetics, 2016, 24, 1022-1028.	2.8	1
44	Associations of Plasma Phospholipid SFAs with Total and Cause-Specific Mortality in Older Adults Differ According to SFA Chain Length. Journal of Nutrition, 2016, 146, 298-305.	2.9	29
45	Generalized estimating equations for genomeâ€wide association studies using longitudinal phenotype data. Statistics in Medicine, 2015, 34, 118-130.	1.6	37
46	Parent-of-Origin Effects of the APOB Gene on Adiposity in Young Adults. PLoS Genetics, 2015, 11, e1005573.	3.5	16
47	Drug-Gene Interactions of Antihypertensive Medications and Risk of Incident Cardiovascular Disease: A Pharmacogenomics Study from the CHARGE Consortium. PLoS ONE, 2015, 10, e0140496.	2.5	15
48	Variation in resting heart rate over 4â€…years and the risks of myocardial infarction and death among older adults. Heart, 2015, 101, 132-138.	2.9	27
49	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	27.8	1,328
50	Identifying genetic loci associated with antidepressant drug response with drugâ€“gene interaction models in a population-based study. Journal of Psychiatric Research, 2015, 62, 31-37.	3.1	13
51	Plasma phospholipid very-long-chain saturated fatty acids and incident diabetes in older adults: the Cardiovascular Health Study. American Journal of Clinical Nutrition, 2015, 101, 1047-1054.	4.7	97
52	Associations of Early and Late Gestational Weight Gain with Infant Birth Size. Maternal and Child Health Journal, 2015, 19, 2462-2469.	1.5	8
53	Maternal Genetic Variation Accounts in Part for the Associations of Maternal Size during Pregnancy with Offspring Cardiometabolic Risk in Adulthood. PLoS ONE, 2014, 9, e91835.	2.5	9
54	Plasma Phospholipid Saturated Fatty Acids and Incident Atrial Fibrillation: The Cardiovascular Health Study. Journal of the American Heart Association, 2014, 3, e000889.	3.7	71

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55	Analyzing longitudinal data to characterize the accuracy of markers used to select treatment. Statistics in Medicine, 2014, 33, 2881-2896.	1.6	2
56	Common variation in fatty acid metabolic genes and risk of incident sudden cardiac arrest. Heart Rhythm, 2014, 11, 471-477.	0.7	16
57	Parental smoking during pregnancy and offspring cardio-metabolic risk factors at ages 17 and 32. Atherosclerosis, 2014, 235, 430-437.	0.8	39
58	The Challenges of Genome-Wide Interaction Studies: Lessons to Learn from the Analysis of HDL Blood Levels. PLoS ONE, 2014, 9, e109290.	2.5	13
59	Longitudinal structural mixed models for the analysis of surgical trials with noncompliance. Statistics in Medicine, 2012, 31, 1738-1760.	1.6	17
60	Meta-analysis of exome array data identifies six novel genetic loci for lung function. Wellcome Open Research, 0, 3, 4.	1.8	11
61	Meta-analysis of exome array data identifies six novel genetic loci for lung function. Wellcome Open Research, 0, 3, 4.	1.8	1
62	GWAS of Variant-by-Thiazide Interaction on Lipids Identifies a Novel Low-Density Lipoprotein Cholesterol Locus. Circulation Research, 0, , .	4.5	1