

Colleen M Sitlani

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58
papers

1,869
citations

17
h-index

42
g-index

62
ext. papers

2,498
ext. citations

7.1
avg, IF

3.54
L-index

#	Paper	IF	Citations
58	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015 , 518, 187-196	50.4	920
57	Circulating Sphingolipids, Insulin, HOMA-IR, and HOMA-B: The Strong Heart Family Study. <i>Diabetes</i> , 2018 , 67, 1663-1672	0.9	85
56	Global Electric Heterogeneity Risk Score for Prediction of Sudden Cardiac Death in the General Population: The Atherosclerosis Risk in Communities (ARIC) and Cardiovascular Health (CHS) Studies. <i>Circulation</i> , 2016 , 133, 2222-34	16.7	78
55	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, 1047-54	7	74
54	Analysis commons, a team approach to discovery in a big-data environment for genetic epidemiology. <i>Nature Genetics</i> , 2017 , 49, 1560-1563	36.3	68
53	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	11	59
52	Plasma phospholipid saturated fatty acids and incident atrial fibrillation: the Cardiovascular Health Study. <i>Journal of the American Heart Association</i> , 2014 , 3, e000889	6	56
51	Multiethnic meta-analysis identifies ancestry-specific and cross-ancestry loci for pulmonary function. <i>Nature Communications</i> , 2018 , 9, 2976	17.4	45
50	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	3.7	31
49	Generalized estimating equations for genome-wide association studies using longitudinal phenotype data. <i>Statistics in Medicine</i> , 2015 , 34, 118-30	2.3	31
48	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	6	30
47	Parental smoking during pregnancy and offspring cardio-metabolic risk factors at ages 17 and 32. <i>Atherosclerosis</i> , 2014 , 235, 430-7	3.1	28
46	Circulating sphingolipids, fasting glucose, and impaired fasting glucose: The Strong Heart Family Study. <i>EBioMedicine</i> , 2019 , 41, 44-49	8.8	27
45	Variation in resting heart rate over 4 years and the risks of myocardial infarction and death among older adults. <i>Heart</i> , 2015 , 101, 132-8	5.1	22
44	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	5.2	18
43	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	4.1	18
42	Plasma Ceramide Species Are Associated with Diabetes Risk in Participants of the Strong Heart Study. <i>Journal of Nutrition</i> , 2020 , 150, 1214-1222	4.1	18

41	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,	6	17
40	Meta-analysis of exome array data identifies six novel genetic loci for lung function. <i>Wellcome Open Research</i> , 2018 , 3, 4	4.8	16
39	Longitudinal structural mixed models for the analysis of surgical trials with noncompliance. <i>Statistics in Medicine</i> , 2012 , 31, 1738-60	2.3	15
38	Incident Atrial Fibrillation and Disability-Free Survival in the Cardiovascular Health Study. <i>Journal of the American Geriatrics Society</i> , 2016 , 64, 838-43	5.6	13
37	Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. <i>American Journal of Human Genetics</i> , 2019 , 105, 15-28	11	12
36	Pharmacogenomics of statin-related myopathy: Meta-analysis of rare variants from whole-exome sequencing. <i>PLoS ONE</i> , 2019 , 14, e0218115	3.7	12
35	Common variation in fatty acid metabolic genes and risk of incident sudden cardiac arrest. <i>Heart Rhythm</i> , 2014 , 11, 471-7	6.7	12
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	3.7	12
33	The challenges of genome-wide interaction studies: lessons to learn from the analysis of HDL blood levels. <i>PLoS ONE</i> , 2014 , 9, e109290	3.7	12
32	Identifying genetic loci associated with antidepressant drug response with drug-gene interaction models in a population-based study. <i>Journal of Psychiatric Research</i> , 2015 , 62, 31-7	5.2	11
31	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	6	11
30	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	3.1	10
29	Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. <i>Diabetes</i> , 2020 , 69, 2806-2818	0.9	10
28	Parent-of-Origin Effects of the APOB Gene on Adiposity in Young Adults. <i>PLoS Genetics</i> , 2015 , 11, e1005573		9
27	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	3.7	9
26	Associations of Early and Late Gestational Weight Gain with Infant Birth Size. <i>Maternal and Child Health Journal</i> , 2015 , 19, 2462-9	2.4	8
25	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	5.2	8
24	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	2.3	7

23	Meta-analysis of exome array data identifies six novel genetic loci for lung function. <i>Wellcome Open Research</i> ,3, 4	4.8	6
22	Plasma Ceramides containing Saturated Fatty Acids are Associated with Risk of Type 2 Diabetes. <i>Journal of Lipid Research</i> , 2021 , 100119	6.3	6
21	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	5.8	5
20	Obesity Partially Mediates the Diabetogenic Effect of Lowering LDL Cholesterol. <i>Diabetes Care</i> , 2021 ,	14.6	4
19	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	5.2	3
18	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,	5.6	3
17	Genome-wide meta-analysis of SNP-by-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	3.5	3
16	Genome-wide meta-analysis of SNP and antihypertensive medication interactions on left ventricular traits in African Americans. <i>Molecular Genetics & Genomic Medicine</i> , 2019 , 7, e00788	2.3	3
15	Circulating Ceramides and Sphingomyelins and Risk of Mortality: The Cardiovascular Health Study. <i>Clinical Chemistry</i> , 2021 , 67, 1650-1659	5.5	3
14	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	2.3	2
13	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	4.7	2
12	Analyzing longitudinal data to characterize the accuracy of markers used to select treatment. <i>Statistics in Medicine</i> , 2014 , 33, 2881-96	2.3	2
11	Nonclassical Monocytes (CD14dimCD16+) Are Associated With Carotid Intima-Media Thickness Progression for Men but Not Women: The Multi-Ethnic Study of Atherosclerosis-Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 1810-1817	9.4	2
10	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	5.8	2
9	Epigenetic Age and the Risk of Incident Atrial Fibrillation. <i>Circulation</i> , 2021 ,	16.7	2
8	Association of Brain Volumes and White Matter Injury With Race, Ethnicity, and Cardiovascular Risk Factors: The Multi-Ethnic Study of Atherosclerosis.. <i>Journal of the American Heart Association</i> , 2022 , 11, e023159	6	2
7	Genome-wide association study and meta-analysis identify loci associated with ventricular and supraventricular ectopy. <i>Scientific Reports</i> , 2018 , 8, 5675	4.9	1
6	Genome-wide gene-environment interactions on quantitative traits using family data. <i>European Journal of Human Genetics</i> , 2016 , 24, 1022-8	5.3	1

5	Meta-analysis of exome array data identifies six novel genetic loci for lung function. <i>Wellcome Open Research</i> , 3, 4	4.8	1
4	Plasma epoxyeicosatrienoic acids and dihydroxyeicosatrienoic acids, insulin, glucose and risk of diabetes: The strong heart study. <i>EBioMedicine</i> , 2021, 66, 103279	8.8	1
3	Integrative analysis of clinical and epigenetic biomarkers of mortality.. <i>Aging Cell</i> , 2022, e13608	9.9	1
2	Comparison of adaptive multiple phenotype association tests using summary statistics in genome-wide association studies. <i>Human Molecular Genetics</i> , 2021, 30, 1371-1383	5.6	0
1	Rare and low-frequency exonic variants and gene-by-smoking interactions in pulmonary function. <i>Scientific Reports</i> , 2021, 11, 19365	4.9	0