

# Traci M Bartz

## List of Publications by Year in Descending Order

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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.

46  
papers

2,162  
citations

23  
h-index

46  
g-index

53  
ext. papers

3,288  
ext. citations

12.6  
avg, IF

2.81  
L-index

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 46 | Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 2111-2125   | 15.1 | 3         |
| 45 | Identification of Functional Genetic Determinants of Cardiac Troponin T and I in a Multiethnic Population and Causal Associations With Atrial Fibrillation. <i>Circulation Genomic and Precision Medicine</i> , <b>2021</b> , CIRCGEN121003460 | 5.2  | 0         |
| 44 | Multi-ancestry genome-wide gene-sleep interactions identify novel loci for blood pressure. <i>Molecular Psychiatry</i> , <b>2021</b> ,   | 15.1 | 3         |
| 43 | Discovery and fine-mapping of height loci via high-density imputation of GWASs in individuals of African ancestry. <i>American Journal of Human Genetics</i> , <b>2021</b> , 108, 564-582  | 11   | 7         |
| 42 | Silent Myocardial Infarction and Subsequent Ischemic Stroke in the Cardiovascular Health Study. <i>Neurology</i> , <b>2021</b> , 97, e436-e443   | 6.5  | 1         |
| 41 | A multi-ethnic epigenome-wide association study of leukocyte DNA methylation and blood lipids. <i>Nature Communications</i> , <b>2021</b> , 12, 3987   | 17.4 | 3         |
| 40 | Meta-analysis of epigenome-wide association studies of carotid intima-media thickness. <i>European Journal of Epidemiology</i> , <b>2021</b> , 36, 1143-1155   | 12.1 | 4         |
| 39 | Role of Rare and Low-Frequency Variants in Gene-Alcohol Interactions on Plasma Lipid Levels. <i>Circulation Genomic and Precision Medicine</i> , <b>2020</b> , 13, e002772   | 5.2  | 8         |
| 38 | Genetic loci associated with prevalent and incident myocardial infarction and coronary heart disease in the Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium. <i>PLoS ONE</i> , <b>2020</b> , 15, e0230035     | 3.7  | 4         |
| 37 | Mitochondrial DNA copy number can influence mortality and cardiovascular disease via methylation of nuclear DNA CpGs. <i>Genome Medicine</i> , <b>2020</b> , 12, 84  | 14.4 | 13        |
| 36 | Chronic obstructive pulmonary disease and related phenotypes: polygenic risk scores in population-based and case-control cohorts. <i>Lancet Respiratory Medicine</i> , <b>2020</b> , 8, 696-708  | 35.1 | 29        |
| 35 | Mitochondrial DNA copy number and incident atrial fibrillation. <i>BMC Medicine</i> , <b>2020</b> , 18, 246  | 11.4 | 7         |
| 34 | A large-scale exome array analysis of venous thromboembolism. <i>Genetic Epidemiology</i> , <b>2019</b> , 43, 449-457  | 7.6  | 11        |
| 33 | Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , <b>2019</b> , 188, 1033-1054  | 3.8  | 39        |
| 32 | Multi-ancestry study of blood lipid levels identifies four loci interacting with physical activity. <i>Nature Communications</i> , <b>2019</b> , 10, 376   | 17.4 | 41        |
| 31 | Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. <i>American Journal of Human Genetics</i> , <b>2019</b> , 105, 15-28  | 11   | 12        |
| 30 | Epigenome-wide association analysis of daytime sleepiness in the Multi-Ethnic Study of Atherosclerosis reveals African-American-specific associations. <i>Sleep</i> , <b>2019</b> , 42,  | 1.1  | 16        |

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| 29 | Genome-wide association study of breakfast skipping links clock regulation with food timing. <i>American Journal of Clinical Nutrition</i> , <b>2019</b> , 110, 473-484  | 7    | 22  |
| 28 | Association of variants in HTRA1 and NOTCH3 with MRI-defined extremes of cerebral small vessel disease in older subjects. <i>Brain</i> , <b>2019</b> , 142, 1009-1023  | 11.2 | 21  |
| 27 | A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. <i>Human Molecular Genetics</i> , <b>2019</b> , 28, 2615-2633 | 5.6  | 14  |
| 26 | 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> , <b>2019</b> , 19, 97-108      | 3.5  | 3   |
| 25 | New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. <i>Nature Human Behaviour</i> , <b>2019</b> , 3, 950-961  | 12.8 | 32  |
| 24 | Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , <b>2019</b> , 10, 4957   | 17.4 | 40  |
| 23 | Multi-ancestry sleep-by-SNP interaction analysis in 126,926 individuals reveals lipid loci stratified by sleep duration. <i>Nature Communications</i> , <b>2019</b> , 10, 5121                                       | 17.4 | 31  |
| 22 | Genome-wide association study and meta-analysis identify loci associated with ventricular and supraventricular ectopy. <i>Scientific Reports</i> , <b>2018</b> , 8, 5675   | 4.9  | 1   |
| 21 | 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> , <b>2018</b> , 102, 375-400       | 11   | 59  |
| 20 | Multiethnic meta-analysis identifies ancestry-specific and cross-ancestry loci for pulmonary function. <i>Nature Communications</i> , <b>2018</b> , 9, 2976  | 17.4 | 45  |
| 19 | Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , <b>2018</b> , 50, 1225-1233   | 36.3 | 277 |
| 18 | Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , <b>2018</b> , 13, e0198166                             | 3.7  | 31  |
| 17 | Meta-analysis of exome array data identifies six novel genetic loci for lung function. <i>Wellcome Open Research</i> , <b>2018</b> , 3, 4  | 4.8  | 16  |
| 16 | Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. <i>Nature Genetics</i> , <b>2018</b> , 50, 524-537                                    | 36.3 | 536 |
| 15 | Genome-wide meta-analysis of 158,000 individuals of European ancestry identifies three loci associated with chronic back pain. <i>PLoS Genetics</i> , <b>2018</b> , 14, e1007601                                     | 6    | 60  |
| 14 | Left atrial diameter and vascular brain injury on MRI: The Cardiovascular Health Study. <i>Neurology</i> , <b>2018</b> , 91, e1237-e1244   | 6.5  | 6   |
| 13 | Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. <i>Nature Genetics</i> , <b>2017</b> , 49, 946-952  | 36.3 | 176 |
| 12 | Genome-wide meta-analysis associates HLA-DQA1/DRB1 and LPA and lifestyle factors with human longevity. <i>Nature Communications</i> , <b>2017</b> , 8, 910   | 17.4 | 78  |

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| 11 | Blood Pressure and Heart Rate Measures Associated With Increased Risk of Covert Brain Infarction and Worsening Leukoaraiosis in Older Adults. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2017</b> , 37, 1579-1586                   | 9.4  | 15  |
| 10 | Discovery and fine-mapping of adiposity loci using high density imputation of genome-wide association studies in individuals of African ancestry: African Ancestry Anthropometry Genetics Consortium. <i>PLoS Genetics</i> , <b>2017</b> , 13, e1006719 | 6    | 60  |
| 9  | Platelet-Related Variants Identified by Exomechip Meta-analysis in 157,293 Individuals. <i>American Journal of Human Genetics</i> , <b>2016</b> , 99, 40-55   | 11   | 61  |
| 8  | Large-Scale Exome-wide Association Analysis Identifies Loci for White Blood Cell Traits and Pleiotropy with Immune-Mediated Diseases. <i>American Journal of Human Genetics</i> , <b>2016</b> , 99, 22-39   | 11   | 42  |
| 7  | Whole-Exome Sequencing Identifies Loci Associated with Blood Cell Traits and Reveals a Role for Alternative GFI1B Splice Variants in Human Hematopoiesis. <i>American Journal of Human Genetics</i> , <b>2016</b> , 99, 481-8                           | 11   | 31  |
| 6  | Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , <b>2015</b> , 523, 459-463   | 10.4 | 119 |
| 5  | Gene-Environment Interactions of Circadian-Related Genes for Cardiometabolic Traits. <i>Diabetes Care</i> , <b>2015</b> , 38, 1456-66   | 14.6 | 36  |
| 4  | Molecular mechanisms underlying variations in lung function: a systems genetics analysis. <i>Lancet Respiratory Medicine</i> , <b>2015</b> , 3, 782-95  | 35.1 | 52  |
| 3  | Genome of The Netherlands population-specific imputations identify an ABCA6 variant associated with cholesterol levels. <i>Nature Communications</i> , <b>2015</b> , 6, 6065  | 17.4 | 32  |
| 2  | Association between left atrial abnormality on ECG and vascular brain injury on MRI in the Cardiovascular Health Study. <i>Stroke</i> , <b>2015</b> , 46, 711-6   | 6.7  | 55  |
| 1  | The Polygenic and Monogenic Basis of Blood Traits and Diseases  |      | 3   |