

# Stephanie M Gogarten

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

9,090  
citations

101543

36  
h-index

114465

63  
g-index

75  
all docs

75  
docs citations

75  
times ranked

19049  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Association of clonal hematopoiesis with chronic obstructive pulmonary disease. <i>Blood</i> , 2022, 139, 357-368.  | 1.4  | 106       |
| 2  | Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed. <i>Cell Genomics</i> , 2022, 2, 100084.  | 6.5  | 29        |
| 3  | Assessing the contribution of rare variants to complex trait heritability from whole-genome sequence data. <i>Nature Genetics</i> , 2022, 54, 263-273.  | 21.4 | 156       |
| 4  | Ancestral diversity improves discovery and fine-mapping of genetic loci for anthropometric traits. The Hispanic/Latino Anthropometry Consortium. <i>Human Genetics and Genomics Advances</i> , 2022, 3, 100099.       | 1.7  | 3         |
| 5  | Accounting for population structure in genetic studies of cystic fibrosis. <i>Human Genetics and Genomics Advances</i> , 2022, 3, 100117.   | 1.7  | 1         |
| 6  | Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , 2021, 590, 290-299.   | 27.8 | 1,069     |
| 7  | Identification of putative causal loci in whole-genome sequencing data via knockoff statistics. <i>Nature Communications</i> , 2021, 12, 3152.  | 12.8 | 17        |
| 8  | Genome sequencing unveils a regulatory landscape of platelet reactivity. <i>Nature Communications</i> , 2021, 12, 3626.   | 12.8 | 29        |
| 9  | Variant-specific inflation factors for assessing population stratification at the phenotypic variance level. <i>Nature Communications</i> , 2021, 12, 3506.   | 12.8 | 1         |
| 10 | Genome-wide association study of body fat distribution traits in Hispanics/Latinos from the HCHS/SOL. <i>Human Molecular Genetics</i> , 2021, 30, 2190-2204.  | 2.9  | 8         |
| 11 | BinomiRare: A robust test for association of a rare genetic variant with a binary outcome for mixed models and any case-control proportion. <i>Human Genetics and Genomics Advances</i> , 2021, 2, 100040.            | 1.7  | 2         |
| 12 | Identification of novel and rare variants associated with handgrip strength using whole genome sequence data from the NHLBI Trans-Omics in Precision Medicine (TOPMed) Program. <i>PLoS ONE</i> , 2021, 16, e0253611. | 2.5  | 4         |
| 13 | Whole-genome association analyses of sleep-disordered breathing phenotypes in the NHLBI TOPMed program. <i>Genome Medicine</i> , 2021, 13, 136.   | 8.2  | 16        |
| 14 | A high-resolution HLA reference panel capturing global population diversity enables multi-ancestry fine-mapping in HIV host response. <i>Nature Genetics</i> , 2021, 53, 1504-1516.                                   | 21.4 | 69        |
| 15 | Inherited causes of clonal haematopoiesis in 97,691 whole genomes. <i>Nature</i> , 2020, 586, 763-768.  | 27.8 | 376       |
| 16 | Dynamic incorporation of multiple in silico functional annotations empowers rare variant association analysis of large whole-genome sequencing studies at scale. <i>Nature Genetics</i> , 2020, 52, 969-983.          | 21.4 | 146       |
| 17 | Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. <i>Nature Communications</i> , 2020, 11, 2542.   | 12.8 | 59        |
| 18 | Novel Common Genetic Susceptibility Loci for Colorectal Cancer. <i>Journal of the National Cancer Institute</i> , 2019, 111, 146-157.   | 6.3  | 129       |

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|----|--|------|-----------|
| 19 | Genetic association testing using the GENESIS R/Bioconductor package. <i>Bioinformatics</i> , 2019, 35, 5346-5348.   | 4.1  | 260       |
| 20 | A fully adjusted two-stage procedure for rank-normalization in genetic association studies. <i>Genetic Epidemiology</i> , 2019, 43, 263-275.   | 1.3  | 60        |
| 21 | Efficient Variant Set Mixed Model Association Tests for Continuous and Binary Traits in Large-Scale Whole-Genome Sequencing Studies. <i>American Journal of Human Genetics</i> , 2019, 104, 260-274.   | 6.2  | 103       |
| 22 | 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         |
| 23 | Genome-Wide Association Study of Heavy Smoking and Daily/Nondaily Smoking in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). <i>Nicotine and Tobacco Research</i> , 2018, 20, 448-457.  | 2.6  | 21        |
| 24 | Genome-wide association study of depressive symptoms in the Hispanic Community Health Study/Study of Latinos. <i>Journal of Psychiatric Research</i> , 2018, 99, 167-176.  | 3.1  | 15        |
| 25 | Genome-wide association study of PR interval in Hispanics/Latinos identifies novel locus at <i>ID2</i> . <i>Heart</i> , 2018, 104, 904-911.  | 2.9  | 12        |
| 26 | Association Between Titin Loss-of-Function Variants and Early-Onset Atrial Fibrillation. <i>JAMA - Journal of the American Medical Association</i> , 2018, 320, 2354.  | 7.4  | 144       |
| 27 | Multi-Omics Analysis Reveals a HIF Network and Hub Gene <i>EPAS1</i> Associated with Lung Adenocarcinoma. <i>EBioMedicine</i> , 2018, 32, 93-101.  | 6.1  | 35        |
| 28 | Genome-wide association study of generalized anxiety symptoms in the Hispanic Community Health Study/Study of Latinos. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2017, 174, 132-143.   | 1.7  | 37        |
| 29 | 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         |
| 30 | Genetic loci associated with heart rate variability and their effects on cardiac disease risk. <i>Nature Communications</i> , 2017, 8, 15805.  | 12.8 | 95        |
| 31 | Genome-wide association study of heart rate and its variability in Hispanic/Latino cohorts. <i>Heart Rhythm</i> , 2017, 14, 1675-1684.   | 0.7  | 18        |
| 32 | SeqArray—a storage-efficient high-performance data format for WGS variant calls. <i>Bioinformatics</i> , 2017, 33, 2251-2257.  | 4.1  | 127       |
| 33 | 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        |
| 34 | GWAS of the electrocardiographic QT interval in Hispanics/Latinos generalizes previously identified loci and identifies population-specific signals. <i>Scientific Reports</i> , 2017, 7, 17075.   | 3.3  | 23        |
| 35 | Meta-Analysis of Genome-Wide Association Studies with Correlated Individuals: Application to the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). <i>Genetic Epidemiology</i> , 2016, 40, 492-501.   | 1.3  | 16        |
| 36 | GENOME-WIDE ASSOCIATION STUDY (GWAS) AND GENOME-WIDE BY ENVIRONMENT INTERACTION STUDY (GWEIS) OF DEPRESSIVE SYMPTOMS IN AFRICAN AMERICAN AND HISPANIC/LATINA WOMEN. <i>Depression and Anxiety</i> , 2016, 33, 265-280.   | 4.1  | 99        |

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|----|---|------|-----------|
| 37 | Local Ancestry Inference in a Large US-Based Hispanic/Latino Study: Hispanic Community Health Study/Study of Latinos (HCHS/SOL). <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 1525-1534.                                | 1.8  | 51        |
| 38 | Genetic variation near <i>IRS1</i> is associated with adiposity and a favorable metabolic profile in <i>UKSCS</i> . <i>Hispanics/Latinos</i> . <i>Obesity</i> , 2016, 24, 2407-2413.                                      | 3.0  | 5         |
| 39 | Genome-wide Association Study of Platelet Count Identifies Ancestry-Specific Loci in Hispanic/Latino Americans. <i>American Journal of Human Genetics</i> , 2016, 98, 229-242.  | 6.2  | 71        |
| 40 | Shared genetic susceptibility of vascular-related biomarkers with ischemic and recurrent stroke. <i>Neurology</i> , 2016, 86, 351-359.  | 1.1  | 33        |
| 41 | Genetic Diversity and Association Studies in US Hispanic/Latino Populations: Applications in the Hispanic Community Health Study/Study of Latinos. <i>American Journal of Human Genetics</i> , 2016, 98, 165-184.         | 6.2  | 266       |
| 42 | Genome-wide association study of colorectal cancer identifies six new susceptibility loci. <i>Nature Communications</i> , 2015, 6, 7138.  | 12.8 | 138       |
| 43 | Genetic Associations with Plasma B12, B6, and Folate Levels in an Ischemic Stroke Population from the Vitamin Intervention for Stroke Prevention (VISP) Trial. <i>Frontiers in Public Health</i> , 2014, 2, 112.          | 2.7  | 23        |
| 44 | Genome-Wide Meta-Analysis of Homocysteine and Methionine Metabolism Identifies Five One Carbon Metabolism Loci and a Novel Association of <i>ALDH1L1</i> with Ischemic Stroke. <i>PLoS Genetics</i> , 2014, 10, e1004214. | 3.5  | 69        |
| 45 | <code>VariantAnnotation</code> : a <code>Bioconductor</code> package for exploration and annotation of genetic variants. <i>Bioinformatics</i> , 2014, 30, 2076-2078.   | 4.1  | 293       |
| 46 | Identification of Genetic Susceptibility Loci for Colorectal Tumors in a Genome-Wide Meta-analysis. <i>Gastroenterology</i> , 2013, 144, 799-807.e24.   | 1.3  | 292       |
| 47 | THE PANCHROMATIC HUBBLE ANDROMEDA TREASURY. <i>Astrophysical Journal, Supplement Series</i> , 2012, 200, 18.  | 7.7  | 269       |
| 48 | A high-performance computing toolset for relatedness and principal component analysis of SNP data. <i>Bioinformatics</i> , 2012, 28, 3326-3328.   | 4.1  | 1,939     |
| 49 | GWASTools: an R/Bioconductor package for quality control and analysis of genome-wide association studies. <i>Bioinformatics</i> , 2012, 28, 3329-3331.  | 4.1  | 177       |
| 50 | Detectable clonal mosaicism from birth to old age and its relationship to cancer. <i>Nature Genetics</i> , 2012, 44, 642-650.   | 21.4 | 511       |
| 51 | Interplay of Genetic Risk Factors ( <i>CHRNA5</i> - <i>CHRNA3</i> - <i>CHRNA4</i> ) and Cessation Treatments in Smoking Cessation Success. <i>American Journal of Psychiatry</i> , 2012, 169, 735-742.                    | 7.2  | 138       |
| 52 | THE HISTORY OF STAR FORMATION IN GALAXY DISKS IN THE LOCAL VOLUME AS MEASURED BY THE ADVANCED CAMERA FOR SURVEYS NEARBY GALAXY SURVEY TREASURY. <i>Astrophysical Journal Letters</i> , 2011, 734, L22.                    | 8.3  | 18        |
| 53 | HOW TYPICAL ARE THE LOCAL GROUP DWARF GALAXIES?. <i>Astrophysical Journal</i> , 2011, 743, 8.   | 4.5  | 49        |
| 54 | THE ACS NEARBY GALAXY SURVEY TREASURY. VIII. THE GLOBAL STAR FORMATION HISTORIES OF 60 DWARF GALAXIES IN THE LOCAL VOLUME. <i>Astrophysical Journal</i> , 2011, 739, 5.   | 4.5  | 295       |

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|----|--|-----|-----------|
| 55 | Common variants near CAV1 and CAV2 are associated with primary open-angle glaucoma in Caucasians from the USA. <i>Human Molecular Genetics</i> , 2011, 20, 4707-4713.                        | 2.9 | 156       |
| 56 | THE ADVANCED CAMERA FOR SURVEYS NEARBY GALAXY SURVEY TREASURY. IV. THE STAR FORMATION HISTORY OF NGC 2976. <i>Astrophysical Journal</i> , 2010, 709, 135-148.                                | 4.5 | 32        |
| 57 | THE ADVANCED CAMERA FOR SURVEYS NEARBY GALAXY SURVEY TREASURY. V. RADIAL STAR FORMATION HISTORY OF NGC 300. <i>Astrophysical Journal</i> , 2010, 712, 858-874.                               | 4.5 | 86        |
| 58 | THE NGC 300 TRANSIENT: AN ALTERNATIVE METHOD FOR MEASURING PROGENITOR MASSES. <i>Astrophysical Journal</i> , 2009, 703, 300-310.   | 4.5 | 50        |
| 59 | <i>SPITZER</i> OBSERVATIONS OF A GRAVITATIONALLY LENSED QUASAR, QSO 2237+0305. <i>Astrophysical Journal</i> , 2009, 697, 1010-1019.  | 4.5 | 27        |
| 60 | THE ACS NEARBY GALAXY SURVEY TREASURY. II. YOUNG STARS AND THEIR RELATION TO H $\alpha$ AND UV EMISSION TIMESCALES IN THE M81 OUTER DISK. <i>Astrophysical Journal</i> , 2009, 691, 115-130. | 4.5 | 45        |
| 61 | THE ACS NEARBY GALAXY SURVEY TREASURY. I. THE STAR FORMATION HISTORY OF THE M81 OUTER DISK. <i>Astronomical Journal</i> , 2009, 137, 419-430.  | 4.7 | 57        |
| 62 | THE ACS NEARBY GALAXY SURVEY TREASURY. <i>Astrophysical Journal</i> , Supplement Series, 2009, 183, 67-108.  | 7.7 | 435       |
| 63 | The Size-Luminosity Relation of Disk Galaxies in EDisCS Clusters. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 201-201.   | 0.0 | 0         |
| 64 | The Ultraviolet, Optical, and Infrared Properties of Sloan Digital Sky Survey Sources Detected byGALEX. <i>Astronomical Journal</i> , 2005, 130, 1022-1036.                                  | 4.7 | 31        |