# Teri A Manolio

List of Publications by Year
in descending order

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| 103 | 38,021 | 25034 57 | 30922 102 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 103 | 103 | 103 | 45809 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Finding the missing heritability of complex diseases. Nature, 2009, 461, 747-753. | 27.8 | 7,490 |
| 2 | Carotid-Artery Intima and Media Thickness as a Risk Factor for Myocardial Infarction and Stroke in Older Adults. New England Journal of Medicine, 1999, 340, 14-22. | 27.0 | 4,291 |
| 3 | Potential etiologic and functional implications of genome-wide association loci for human diseases and traits. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 9362-9367. | 7.1 | 3,719 |
| 4 | The NHGRI GWAS Catalog, a curated resource of SNP-trait associations. Nucleic Acids Research, 2014, 42, D1001-D1006. | 14.5 | 2,608 |
| 5 | The cardiovascular health study: Design and rationale. Annals of Epidemiology, 1991, 1, 263-276. | 1.9 | 2,407 |
| 6 | Replicating genotypeâ€“phenotype associations. Nature, 2007, 447, 655-660. | 27.8 | 1,509 |
| 7 | Genomewide Association Studies and Assessment of the Risk of Disease. New England Journal of Medicine, 2010, 363, 166-176. | 27.0 | 1,344 |
| 8 | Clinical Correlates of White Matter Findings on Cranial Magnetic Resonance Imaging of 3301 Elderly People. Stroke, 1996, 27, 1274-1282. | 2.0 | 1,191 |
| 9 | Systematic comparison of phenome-wide association study of electronic medical record data and genome-wide association study data. Nature Biotechnology, 2013, 31, 1102-1111. | 17.5 | 846 |
| 10 | Genome partitioning of genetic variation for complex traits using common SNPs. Nature Genetics, 2011, 43, 519-525. | 21.4 | 834 |
| 11 | A HapMap harvest of insights into the genetics of common disease. Journal of Clinical Investigation, 2008, 118, 1590-1605. | 8.2 | 788 |
| 12 | How to Interpret a Genome-wide Association Study. JAMA - Journal of the American Medical Association, 2008, 299, 1335. | 7.4 | 786 |
| 13 | The Electronic Medical Records and Genomics (eMERGE) Network: past, present, and future. Genetics in Medicine, 2013, 15, 761-771. | 2.4 | 611 |
| 14 | Recruitment of adults 65 years and older as participants in the cardiovascular health study. Annals of Epidemiology, 1993, 3, 358-366. | 1.9 | 532 |
| 15 | Abundant Pleiotropy in Human Complex Diseases and Traits. American Journal of Human Genetics, 2011, 89, 607-618. | 6.2 | 478 |
| 16 | Implementing genomic medicine in the clinic: the future is here. Genetics in Medicine, 2013, 15, 258-267. | 2.4 | 472 |
| 17 | Quality control and quality assurance in genotypic data for genomeâ€wide association studies. Genetic Epidemiology, 2010, 34, 591-602. | 1.3 | 389 |
| 18 | Bringing genome-wide association findings into clinical use. Nature Reviews Genetics, 2013, 14, 549-558. | 16.3 | 320 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Prioritizing diversity in human genomics research. Nature Reviews Genetics, 2018, 19, 175-185. | 16.3 | 297 |
| 20 | New models of collaboration in genome-wide association studies: the Genetic Association Information Network. Nature Genetics, 2007, 39, 1045-1051. | 21.4 | 288 |
| 21 | Left Atrial Volume, Geometry, and Function in Systolic and Diastolic Heart Failure of Persons â‰¥65 Years of Age (The Cardiovascular Health Study). American Journal of Cardiology, 2006, 97, 83-89. | 1.6 | 287 |
| 22 | Genes, environment and the value of prospective cohort studies. Nature Reviews Genetics, 2006, 7, 812-820. | 16.3 | 276 |
| 23 | Integrating Genomics into Healthcare: A Global Responsibility. American Journal of Human Genetics, 2019, 104, 13-20. | 6.2 | 264 |
| 24 | Quality Control Procedures for Genomeâ€Wide Association Studies. Current Protocols in Human Genetics, 2011, 68, Unit1.19. | 3.5 | 259 |
| 25 | Relationship of Cardiovascular Risk Factors to Echocardiographic Left Ventricular Mass in Healthy Young Black and White Adult Men and Women. Circulation, 1995, 92, 380-387. | 1.6 | 253 |
| 26 | The ClinSeq Project: Piloting large-scale genome sequencing for research in genomic medicine. Genome Research, 2009, 19, 1665-1674. | 5.5 | 236 |
| 27 | Size matters: just how big is BIG?: Quantifying realistic sample size requirements for human genome epidemiology. International Journal of Epidemiology, 2009, 38, 263-273. | 1.9 | 232 |
| 28 | Echocardiographic Design of a Multicenter Investigation of Free-living Elderly Subjects: The Cardiovascular Health Study. Journal of the American Society of Echocardiography, 1992, 5, 63-72. | 2.8 | 209 |
| 29 | Strategic vision for improving human health at The Forefront of Genomics. Nature, 2020, 586, 683-692. | 27.8 | 192 |
| 30 | The HapMap and Genome-Wide Association Studies in Diagnosis and Therapy. Annual Review of Medicine, 2009, 60, 443-456. | 12.2 | 191 |
| 31 | Major electrocardiographic abnormalities in persons aged 65 years and older (the Cardiovascular) Tj ETQq1 1 0.784314 rgBT /Overloc | 1.6 | 189 |
| 32 | eXclusion: Toward Integrating the X Chromosome in Genome-wide Association Analyses. American Journal of Human Genetics, 2013, 92, 643-647. | 6.2 | 189 |
| 33 | The IGNITE network: a model for genomic medicine implementation and research. BMC Medical Genomics, 2015, 9, 1. | 1.5 | 189 |
| 34 | Novel Risk Markers and Clinical Practice. New England Journal of Medicine, 2003, 349, 1587-1589. | 27.0 | 176 |
| 35 | Unrecognized Myocardial Infarction. Annals of Internal Medicine, 2001, 135, 801. | 3.9 | 155 |
| 36 | Association of Arrhythmia-Related Genetic Variants With Phenotypes Documented in Electronic Medical Records. JAMA - Journal of the American Medical Association, 2016, 315, 47. | 7.4 | 148 |

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|---|---|---|---|
| 37 | Global implementation of genomic medicine: We are not alone. Science Translational Medicine, 2015, 7, 290ps13. | 12.4 | 146 |
| 38 | The Undiagnosed Diseases Network: Accelerating Discovery about Health and Disease. American Journal of Human Genetics, 2017, 100, 185-192. | 6.2 | 142 |
| 39 | Cardiovascular Disease and Mortality in Older Adults with Small Abdominal Aortic Aneurysms Detected by Ultrasonography: The Cardiovascular Health Study. Annals of Internal Medicine, 2001, 134, 182. | 3.9 | 141 |
| 40 | The gene, environment association studies consortium (GENEVA): maximizing the knowledge obtained from GWAS by collaboration across studies of multiple conditions. Genetic Epidemiology, 2010, 34, 364-372. | 1.3 | 139 |
| 41 | Clinical Sequencing Exploratory Research Consortium: Accelerating Evidence-Based Practice of Genomic Medicine. American Journal of Human Genetics, 2016, 98, 1051-1066. | 6.2 | 137 |
| 42 | SJS/TEN 2017: Building Multidisciplinary Networks to Drive Science and Translation. Journal of Allergy and Clinical Immunology: in Practice, 2018, 6, 38-69. | 3.8 | 134 |
| 43 | Hypertension and cognitive function: Pathophysiologic effects of hypertension on the brain. Current Hypertension Reports, 2003, 5, 255-261. | 3.5 | 127 |
| 44 | Cohort studies and the genetics of complex disease. Nature Genetics, 2009, 41, 5-6. | 21.4 | 124 |
| 45 | New Models for Large Prospective Studies: Is There a Better Way?. American Journal of Epidemiology, 2012, 175, 859-866. | 3.4 | 110 |
| 46 | Research Directions in the Clinical Implementation of Pharmacogenomics: An Overview of US Programs and Projects. Clinical Pharmacology and Therapeutics, 2018, 103, 778-786. | 4.7 | 110 |
| 47 | Bedside Back to Bench: Building Bridges between Basic and Clinical Genomic Research. Cell, 2017, 169, 6-12. | 28.9 | 103 |
| 48 | Harmonizing Clinical Sequencing and Interpretation for the eMERGE III Network. American Journal of Human Genetics, 2019, 105, 588-605. | 6.2 | 99 |
| 49 | A new statistic and its power to infer membership in a genome-wide association study using genotype frequencies. Nature Genetics, 2009, 41, 1253-1257. | 21.4 | 97 |
| 50 | Predictive Utility of Polygenic Risk Scores for Coronary Heart Disease in Three Major Racial and Ethnic Groups. American Journal of Human Genetics, 2020, 106, 707-716. | 6.2 | 93 |
| 51 | Black-white differences in subclinical cardiovascular disease among older adults: The cardiovascular health study. Journal of Clinical Epidemiology, 1995, 48, 1141-1152. | 5.0 | 84 |
| 52 | Genomic medicine for undiagnosed diseases. Lancet, The, 2019, 394, 533-540. | 13.7 | 82 |
| 53 | Enhancing the Feasibility of Large Cohort Studies. JAMA - Journal of the American Medical Association, 2010, 304, 2290. | 7.4 | 78 |
| 54 | Ethnic differences in the relationship of carotid atherosclerosis to coronary calcification: The Multi-Ethnic Study of Atherosclerosis. Atherosclerosis, 2008, 197, 132-138. | 0.8 | 73 |

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|---|---|---|---|
| 55 | Genetics of Ultrasonographic Carotid Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 1567-1577. | 2.4 | 71 |
| 56 | Pitfalls of merging GWAS data: lessons learned in the eMERGE network and quality control procedures to maintain high data quality. Genetic Epidemiology, 2011, 35, 887-898. | 1.3 | 71 |
| 57 | Merging and emerging cohorts: Necessary but not sufficient. Nature, 2007, 445, 259-259. | 27.8 | 65 |
| 58 | Utility of New Electrocardiographic Models for Left Ventricular Mass in Older Adults. Hypertension, 1996, 28, 8-15. | 2.7 | 59 |
| 59 | The Genomic Applications in Practice and Prevention Network. Genetics in Medicine, 2009, 11, 488-494. | 2.4 | 57 |
| 60 | News from the NIH: potential contributions of the behavioral and social sciences to the precision medicine initiative. Translational Behavioral Medicine, 2015, 5, 243-246. | 2.4 | 53 |
| 61 | Opportunities, resources, and techniques for implementing genomics in clinical care. Lancet, The, 2019, 394, 511-520. | 13.7 | 53 |
| 62 | Left atrial dimensions determined by M-mode echocardiography in black and white older (â‰¥65 years) adults (The Cardiovascular Health Study). American Journal of Cardiology, 2002, 90, 983-987. | 1.6 | 51 |
| 63 | Differences in Prevalence of and Risk Factors for Subclinical Vascular Disease Among Black and White Participants in the Cardiovascular Health Study. Arteriosclerosis, Thrombosis, and Vascular Biology, 1998, 18, 283-293. | 2.4 | 50 |
| 64 | Characterizing genetic variants for clinical action. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2014, 166, 93-104. | 1.6 | 50 |
| 65 | Assessing and managing risk when sharing aggregate genetic variant data. Nature Reviews Genetics, 2011, 12, 730-736. | 16.3 | 48 |
| 66 | Apolipoprotein L1 VariantsÂand Blood Pressure Traits inÂAfrican Americans. Journal of the American College of Cardiology, 2017, 69, 1564-1574. | 2.8 | 46 |
| 67 | The Emerging Importance of Genetics in Epidemiologic Research II. Issues in Study Design and Gene Mapping. Annals of Epidemiology, 1999, 9, 75-90. | 1.9 | 45 |
| 68 | Collaborative genome-wide association studies of diverse diseases: programs of the NHGRIâ€™s office of population genomics. Pharmacogenomics, 2009, 10, 235-241. | 1.3 | 44 |
| 69 | Genes, Environment, Health, and Disease: Facing up to Complexity. Human Heredity, 2007, 63, 63-66. | 0.8 | 38 |
| 70 | Age as a predictor of outcome: What role does it play. American Journal of Medicine, 1992, 92, 1-6. | 1.5 | 36 |
| 71 | The growing role of professional societies in educating clinicians in genomics. Genetics in Medicine, 2014, 16, 571-572. | 2.4 | 34 |
| 72 | Using the Data We Have: Improving Diversity in Genomic Research. American Journal of Human Genetics, 2019, 105, 233-236. | 6.2 | 33 |

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|---|---|---|---|
| 73 | Genetic Variants That Confer Resistance to Malaria Are Associated with Red Blood Cell Traits in African-Americans: An Electronic Medical Record-based Genome-Wide Association Study. G3: Genes, Genomes, Genetics, 2013, 3, 1061-1068. | 1.8 | 32 |
| 74 | Genomics Reaches the Clinic: From Basic Discoveries to Clinical Impact. Cell, 2011, 147, 14-16. | 28.9 | 30 |
| 75 | Translational research is a key to nongeneticist physiciansâ€™ genomics education. Genetics in Medicine, 2014, 16, 871-873. | 2.4 | 30 |
| 76 | Evaluation of Recipients of Positive and Negative Secondary Findings Evaluations in a Hybrid CLIA-Research Sequencing Pilot. American Journal of Human Genetics, 2018, 103, 358-366. | 6.2 | 29 |
| 77 | Leading the way to genomic medicine. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2014, 166, 1-7. | 1.6 | 26 |
| 78 | A phenome-wide association study to discover pleiotropic effects of PCSK9, APOB, and LDLR. Npj Genomic Medicine, 2019, 4, 3. | 3.8 | 26 |
| 79 | The Emerging Importance of Genetics in Epidemiologic Research. I. Basic Concepts in Human Genetics and Laboratory Technology. Annals of Epidemiology, 1999, 9, 1-16. | 1.9 | 25 |
| 80 | Implementing genomics and pharmacogenomics in the clinic: The National Human Genome Research Institute's genomic medicine portfolio. Atherosclerosis, 2016, 253, 225-236. | 0.8 | 23 |
| 81 | A Mechanism for Controlled Access to GWAS Data: Experience of the GAIN Data Access Committee. American Journal of Human Genetics, 2013, 92, 479-488. | 6.2 | 22 |
| 82 | A decade of shared genomic associations. Nature, 2017, 546, 360-361. | 27.8 | 21 |
| 83 | Associations of Genetically Predicted Lp(a) (Lipoprotein [a]) Levels With Cardiovascular Traits in Individuals of European and African Ancestry. Circulation Genomic and Precision Medicine, 2021, 14, e003354. | 3.6 | 21 |
| 84 | Correlates of Sensitization to <i>Blomia tropicalis</i> and <i>Dermatophagoides pteronyssinus</i> in Asthma in Barbados. International Archives of Allergy and Immunology, 2003, 131, 119-126. | 2.1 | 18 |
| 85 | Predictors of falling cholesterol levels in older adults: the cardiovascular health study*1. Annals of Epidemiology, 2004, 14, 325-331. | 1.9 | 18 |
| 86 | Concordance between Research Sequencing and Clinical Pharmacogenetic Genotyping in the eMERGE-PGx Study. Journal of Molecular Diagnostics, 2017, 19, 561-566. | 2.8 | 18 |
| 87 | Arrhythmia Variant Associations and Reclassifications in the eMERGE-III Sequencing Study. Circulation, 2022, 145, 877-891. | 1.6 | 18 |
| 88 | Sex differences in heritability of sensitization to Blomia tropicalis in asthma using regression of offspring on midparent (ROMP) methods. Human Genetics, 2003, 113, 437-446. | 3.8 | 15 |
| 89 | Research Directions in Genetic Predispositions to Stevensâ€“Johnson Syndrome / Toxic Epidermal Necrolysis. Clinical Pharmacology and Therapeutics, 2018, 103, 390-394. | 4.7 | 15 |
| 90 | Genomic Medicine Year in Review: 2019. American Journal of Human Genetics, 2019, 105, 1072-1075. | 6.2 | 10 |

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|---|---|---|---|
| 91 | Study Designs to Enhance Identification of Genetic Factors in Healthy Aging. Nutrition Reviews, 2007, 65, S228-S233. | 5.8 | 9 |
| 92 | Return of secondary findings in genomic sequencing: Military implications. Molecular Genetics & Genomic Medicine, 2019, 7, e00483. | 1.2 | 9 |
| 93 | UK Biobank debuts as a powerful resource for genomic research. Nature Medicine, 2018, 24, 1792-1794. | 30.7 | 8 |
| 94 | The ACMG SF v3.0 gene list increases returnable variant detection by 22% when compared with v2.0 in the ClinSeqÂcohort. Genetics in Medicine, 2022, 24, 736-743. | 2.4 | 7 |
| 95 | Genomic Medicine Year in Review: 2020. American Journal of Human Genetics, 2020, 107, 1007-1010. | 6.2 | 5 |
| 96 | Vehement Agreement on New Models?. American Journal of Epidemiology, 2013, 177, 290-291. | 3.4 | 4 |
| 97 | Genomic medicine year in review: 2021. American Journal of Human Genetics, 2021, 108, 2210-2214. | 6.2 | 4 |
| 98 | Clinical implementation of genomic medicine: the importance of global collaboration. Expert Review of Precision Medicine and Drug Development, 2016, 1, 349-351. | 0.7 | 3 |
| 99 | Neptune: an environment for the delivery of genomic medicine. Genetics in Medicine, 2021, 23, 1838-1846. | 2.4 | 3 |
| 100 | Coronary Calcium, Race, and Genes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 359-360. | 2.4 | 2 |
| 101 | Counterpoint: "Streamlined" Does Not Mean Simple. American Journal of Epidemiology, 2013, 177, 283-284. | 3.4 | 1 |
| 102 | Practice Patterns After Return of Rare Variants Associated With Cardiomyopathy in the Electronic Medical Records and Genomics Network. Circulation: Heart Failure, 2021, 14, e008155. | 3.9 | 1 |
| 103 | The riddle of intergenic disease-associated loci. Cell Cycle, 2012, 11, 15-15. | 2.6 | 0 |