

# Christopher J O donnell

## 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.

139  
papers

14,256  
citations

50  
h-index

119  
g-index

153  
ext. papers

18,098  
ext. citations

14  
avg, IF

5.57  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 139 | APOL1 Risk Variants, Acute Kidney Injury, and Death in Participants With African Ancestry Hospitalized With COVID-19 From the Million Veteran Program.. <i>JAMA Internal Medicine</i> , <b>2022</b> ,                                    | 11.5 | 2         |
| 138 | Coronary Artery Disease Risk of Familial Hypercholesterolemia Genetic Variants Independent of Clinically Observed Longitudinal Cholesterol Exposure.. <i>Circulation Genomic and Precision Medicine</i> , <b>2022</b> , CIRCGEN121003501 | 5.2  | 2         |
| 137 | A Phenome-Wide Association Study of genes associated with COVID-19 severity reveals shared genetics with complex diseases in the Million Veteran Program.. <i>PLoS Genetics</i> , <b>2022</b> , 18, e1010113                             | 6    | 0         |
| 136 | Genome-wide and phenome-wide analysis of ideal cardiovascular health in the VA Million Veteran Program. <i>PLoS ONE</i> , <b>2022</b> , 17, e0267900   | 3.7  |           |
| 135 | A multi-population phenome-wide association study of genetically-predicted height in the Million Veteran Program. <i>PLoS Genetics</i> , <b>2022</b> , 18, e1010193  | 6    | 0         |
| 134 | Genetic Loci Associated With COVID-19 Positivity and Hospitalization in White, Black, and Hispanic Veterans of the VA Million Veteran Program.. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 777076                                  | 4.5  | 1         |
| 133 | Multi-Trait Genome-Wide Association Study of Atherosclerosis Detects Novel Pleiotropic Loci.. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 787545  | 4.5  |           |
| 132 | Matrix Gla Protein Levels Are Associated With Arterial Stiffness and Incident Heart Failure With Preserved Ejection Fraction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2021</b> , ATVBAHA121316664                 | 9.4  | 0         |
| 131 | Cholesteryl ester transfer protein (CETP) as a drug target for cardiovascular disease. <i>Nature Communications</i> , <b>2021</b> , 12, 5640   | 17.4 | 7         |
| 130 | Expressing Results From a Mendelian Randomization Analysis: Separating Results From Inferences. <i>JAMA Cardiology</i> , <b>2021</b> , 6, 7-8  | 16.2 | 6         |
| 129 | Trends in cardiovascular procedural volumes in the setting of COVID-19: Insights from the VA clinical assessment, reporting, and tracking program. <i>Catheterization and Cardiovascular Interventions</i> , <b>2021</b> , 98, E326-E328 | 2.7  | 2         |
| 128 | Actionable druggable genome-wide Mendelian randomization identifies repurposing opportunities for COVID-19. <i>Nature Medicine</i> , <b>2021</b> , 27, 668-676   | 50.5 | 19        |
| 127 | Genetic Contribution to Common Heart Failure-Not So Rare?. <i>JAMA Cardiology</i> , <b>2021</b> , 6, 387   | 16.2 | 1         |
| 126 | Rural-Urban Differences in Mortality From Ischemic Heart Disease, Heart Failure, and Stroke in the United States. <i>Circulation: Cardiovascular Quality and Outcomes</i> , <b>2021</b> , 14, e007341                                    | 5.8  | 5         |
| 125 | Phenome-wide association of 1809 phenotypes and COVID-19 disease progression in the Veterans Health Administration Million Veteran Program. <i>PLoS ONE</i> , <b>2021</b> , 16, e0251651   | 3.7  | 4         |
| 124 | Genetic analysis in European ancestry individuals identifies 517 loci associated with liver enzymes. <i>Nature Communications</i> , <b>2021</b> , 12, 2579   | 17.4 | 7         |
| 123 | Plasma Protein Profile of Carotid Artery Atherosclerosis and Atherosclerotic Outcomes: Meta-Analyses and Mendelian Randomization Analyses. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2021</b> , 41, 1777-1788       | 9.4  | 4         |

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| 122 | Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes. <i>Nature Communications</i> , <b>2021</b> , 12, 3505   | 17.4 | 5   |
| 121 | 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   |
| 120 | A Noncoding Variant Near PPP1R3B Promotes Liver Glycogen Storage and MetS, but Protects Against Myocardial Infarction. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2021</b> , 106, 372-387  | 5.6  | 3   |
| 119 | Comparison of family health history in surveys vs electronic health record data mapped to the observational medical outcomes partnership data model in the All of Us Research Program. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2021</b> , 28, 695-703 | 8.6  | 3   |
| 118 | Genome-wide transcriptome study using deep RNA sequencing for myocardial infarction and coronary artery calcification. <i>BMC Medical Genomics</i> , <b>2021</b> , 14, 45  | 3.7  | 1   |
| 117 | Discovery and prioritization of variants and genes for kidney function in >1.2 million individuals. <i>Nature Communications</i> , <b>2021</b> , 12, 4350  | 17.4 | 11  |
| 116 | Association of Apparent Treatment-Resistant Hypertension With Differential Risk of End-Stage Kidney Disease Across Racial Groups in the Million Veteran Program. <i>Hypertension</i> , <b>2021</b> , 78, 376-386   | 8.5  | 1   |
| 115 | Multiethnic Genome-Wide Association Study of Subclinical Atherosclerosis in Individuals With Type 2 Diabetes. <i>Circulation Genomic and Precision Medicine</i> , <b>2021</b> , 14, e003258  | 5.2  | 0   |
| 114 | A Missense Variant in the IL-6 Receptor and Protection From Peripheral Artery Disease. <i>Circulation Research</i> , <b>2021</b> , 129, 968-970  | 15.7 | 0   |
| 113 | Radiomics of Coronary Artery Calcium in the Framingham Heart Study. <i>Radiology: Cardiothoracic Imaging</i> , <b>2020</b> , 2, e190119  | 8.3  | 10  |
| 112 | Rural-Urban Differences in Cardiovascular Mortality in the US, 1999-2017. <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 323, 1852-1854   | 27.4 | 39  |
| 111 | Prescription Fill Patterns for Commonly Used Drugs During the COVID-19 Pandemic in the United States. <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 323, 2524-2526   | 27.4 | 81  |
| 110 | Discovery of 318 new risk loci for type 2 diabetes and related vascular outcomes among 1.4 million participants in a multi-ancestry meta-analysis. <i>Nature Genetics</i> , <b>2020</b> , 52, 680-691  | 36.3 | 140 |
| 109 | Minority-centric meta-analyses of blood lipid levels identify novel loci in the Population Architecture using Genomics and Epidemiology (PAGE) study. <i>PLoS Genetics</i> , <b>2020</b> , 16, e1008684  | 6    | 5   |
| 108 | Opportunities, challenges and expectations management for translating biobank research to precision medicine. <i>European Journal of Epidemiology</i> , <b>2020</b> , 35, 1-4  | 12.1 | 9   |
| 107 | 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   |
| 106 | PCSK9 loss of function is protective against extra-coronary atherosclerotic cardiovascular disease in a large multi-ethnic cohort. <i>PLoS ONE</i> , <b>2020</b> , 15, e0239752  | 3.7  | 2   |
| 105 | Inherited myeloproliferative neoplasm risk affects haematopoietic stem cells. <i>Nature</i> , <b>2020</b> , 586, 769-775   | 50.4 | 32  |

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| 104 | Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. <i>Nature Genetics</i> , <b>2020</b> , 52, 1314-1332  | 36.3 | 26  |
| 103 | Chromosome 1q21.2 and additional loci influence risk of spontaneous coronary artery dissection and myocardial infarction. <i>Nature Communications</i> , <b>2020</b> , 11, 4432                                      | 17.4 | 22  |
| 102 | Genetic determinants of increased body mass index mediate the effect of smoking on increased risk for type 2 diabetes but not coronary artery disease. <i>Human Molecular Genetics</i> , <b>2020</b> , 29, 3327-3337 | 5.6  | 2   |
| 101 | Validating a non-invasive, ALT-based non-alcoholic fatty liver phenotype in the million veteran program. <i>PLoS ONE</i> , <b>2020</b> , 15, e0237430  | 3.7  | 5   |
| 100 | Fried food consumption and risk of coronary artery disease: The Million Veteran Program. <i>Clinical Nutrition</i> , <b>2020</b> , 39, 1203-1208   | 5.9  | 5   |
| 99  | Genotyping Array Design and Data Quality Control in the Million Veteran Program. <i>American Journal of Human Genetics</i> , <b>2020</b> , 106, 535-548  | 11   | 22  |
| 98  | Opportunities and Challenges for Polygenic Risk Scores in Prognostication and Prevention of Cardiovascular Disease. <i>JAMA Cardiology</i> , <b>2020</b> , 5, 399-400  | 16.2 | 2   |
| 97  | Minority-centric meta-analyses of blood lipid levels identify novel loci in the Population Architecture using Genomics and Epidemiology (PAGE) study <b>2020</b> , 16, e1008684                                      |      |     |
| 96  | Minority-centric meta-analyses of blood lipid levels identify novel loci in the Population Architecture using Genomics and Epidemiology (PAGE) study <b>2020</b> , 16, e1008684                                      |      |     |
| 95  | Minority-centric meta-analyses of blood lipid levels identify novel loci in the Population Architecture using Genomics and Epidemiology (PAGE) study <b>2020</b> , 16, e1008684                                      |      |     |
| 94  | Minority-centric meta-analyses of blood lipid levels identify novel loci in the Population Architecture using Genomics and Epidemiology (PAGE) study <b>2020</b> , 16, e1008684                                      |      |     |
| 93  | Minority-centric meta-analyses of blood lipid levels identify novel loci in the Population Architecture using Genomics and Epidemiology (PAGE) study <b>2020</b> , 16, e1008684                                      |      |     |
| 92  | Minority-centric meta-analyses of blood lipid levels identify novel loci in the Population Architecture using Genomics and Epidemiology (PAGE) study <b>2020</b> , 16, e1008684                                      |      |     |
| 91  | Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , <b>2019</b> , 51, 1459-1474  | 36.3 | 122 |
| 90  | Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. <i>Nature</i> , <b>2019</b> , 570, 71-76  | 50.4 | 129 |
| 89  | Mendelian randomization evaluation of causal effects of fibrinogen on incident coronary heart disease. <i>PLoS ONE</i> , <b>2019</b> , 14, e0216222  | 3.7  | 11  |
| 88  | Association of Risk Alleles With Cardiovascular Disease in Blacks in the Million Veteran Program. <i>Circulation</i> , <b>2019</b> , 140, 1031-1040  | 16.7 | 18  |
| 87  | Genome-wide association study of peripheral artery disease in the Million Veteran Program. <i>Nature Medicine</i> , <b>2019</b> , 25, 1274-1279  | 50.5 | 73  |

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| 86 | High-throughput multimodal automated phenotyping (MAP) with application to PheWAS. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2019</b> , 26, 1255-1262  | 8.6  | 23  |
| 85 | HDAC9 is implicated in atherosclerotic aortic calcification and affects vascular smooth muscle cell phenotype. <i>Nature Genetics</i> , <b>2019</b> , 51, 1580-1587   | 36.3 | 45  |
| 84 | Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. <i>Nature Genetics</i> , <b>2019</b> , 51, 51-62   | 36.3 | 152 |
| 83 | Genome-Wide Association Transethnic Meta-Analyses Identifies Novel Associations Regulating Coagulation Factor VIII and von Willebrand Factor Plasma Levels. <i>Circulation</i> , <b>2019</b> , 139, 620-635   | 16.7 | 51  |
| 82 | Association of the PHACTR1/EDN1 Genetic Locus With Spontaneous Coronary Artery Dissection. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 58-66   | 15.1 | 86  |
| 81 | Alcohol Consumption and Risk of Coronary Artery Disease (from the Million Veteran Program). <i>American Journal of Cardiology</i> , <b>2018</b> , 121, 1162-1168  | 3    | 13  |
| 80 | Maintenance of Ideal Cardiovascular Health and Coronary Artery Calcium Progression in Low-Risk Men and Women in the Framingham Heart Study. <i>Circulation: Cardiovascular Imaging</i> , <b>2018</b> , 11, e006209  | 3.9  | 18  |
| 79 | Large-Scale Genomic Biobanks and Cardiovascular Disease. <i>Current Cardiology Reports</i> , <b>2018</b> , 20, 22   | 4.2  | 7   |
| 78 | Observational and Genetic Associations of Resting Heart Rate With Aortic Valve Calcium. <i>American Journal of Cardiology</i> , <b>2018</b> , 121, 1246-1252  | 3    | 2   |
| 77 | Astronaut Cardiovascular Health and Risk Modification (Astro-CHARM) Coronary Calcium Atherosclerotic Cardiovascular Disease Risk Calculator. <i>Circulation</i> , <b>2018</b> , 138, 1819-1827  | 16.7 | 30  |
| 76 | Is Heart Failure Inherited?: Beyond the Cardiomyopathies, Genetics Do Matter. <i>JAMA Cardiology</i> , <b>2018</b> , 3, 710-711   | 16.2 | 1   |
| 75 | Association of Interleukin 6 Receptor Variant With Cardiovascular Disease Effects of Interleukin 6 Receptor Blocking Therapy: A Phenome-Wide Association Study. <i>JAMA Cardiology</i> , <b>2018</b> , 3, 849-857   | 16.2 | 48  |
| 74 | Baseline Characterization and Annual Trends of Body Mass Index for a Mega-Biobank Cohort of US Veterans 2011-2017. <i>Journal of Health Research and Reviews</i> , <b>2018</b> , 5, 98-107  | 0.2  | 3   |
| 73 | Longitudinal Associations of Pericardial and Intrathoracic Fat With Progression of Coronary Artery Calcium (from the Framingham Heart Study). <i>American Journal of Cardiology</i> , <b>2018</b> , 121, 162-167  | 3    | 7   |
| 72 | Effects of Genetic Variants Associated with Familial Hypercholesterolemia on Low-Density Lipoprotein-Cholesterol Levels and Cardiovascular Outcomes in the Million Veteran Program. <i>Circulation Genomic and Precision Medicine</i> , <b>2018</b> , 11, | 5.2  | 7   |
| 71 | GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. <i>Nature Communications</i> , <b>2018</b> , 9, 5141  | 17.4 | 64  |
| 70 | Lp-PLA2, scavenger receptor class B type I gene (SCARB1) rs10846744 variant, and cardiovascular disease. <i>PLoS ONE</i> , <b>2018</b> , 13, e0204352   | 3.7  | 2   |
| 69 | Genetics of blood lipids among ~300,000 multi-ethnic participants of the Million Veteran Program. <i>Nature Genetics</i> , <b>2018</b> , 50, 1514-1523  | 36.3 | 260 |

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| 68 | A phenotyping algorithm to identify acute ischemic stroke accurately from a national biobank: the Million Veteran Program. <i>Clinical Epidemiology</i> , <b>2018</b> , 10, 1509-1521                                     | 5.9  | 14  |
| 67 | Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , <b>2018</b> , 50, 1412-1425   | 36.3 | 386 |
| 66 | Novel Thrombotic Function of a Human SNP in STXBP5 Revealed by CRISPR/Cas9 Gene Editing in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2017</b> , 37, 264-270                                    | 9.4  | 19  |
| 65 | Serum Sortilin Associates With Aortic Calcification and Cardiovascular Risk in Men. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2017</b> , 37, 1005-1011   | 9.4  | 33  |
| 64 | Relation of Risk Factors and Abdominal Aortic Calcium to Progression of Coronary Artery Calcium (from the Framingham Heart Study). <i>American Journal of Cardiology</i> , <b>2017</b> , 119, 1584-1589                   | 3    | 11  |
| 63 | Association of Multiorgan Computed Tomographic Phenomap With Adverse Cardiovascular Health Outcomes: The Framingham Heart Study. <i>JAMA Cardiology</i> , <b>2017</b> , 2, 1236-1246                                      | 16.2 | 15  |
| 62 | Coronary Artery Calcium Distribution Is an Independent Predictor of Incident Major Coronary Heart Disease Events: Results From the Framingham Heart Study. <i>Circulation: Cardiovascular Imaging</i> , <b>2017</b> , 10, | 3.9  | 38  |
| 61 | Guideline-Based Statin Eligibility, Cancer Events, and Noncardiovascular Mortality in the Framingham Heart Study. <i>Journal of Clinical Oncology</i> , <b>2017</b> , 35, 2927-2933                                       | 2.2  | 16  |
| 60 | Association of descending thoracic aortic plaque with brain atrophy and white matter hyperintensities: The Framingham Heart Study. <i>Atherosclerosis</i> , <b>2017</b> , 265, 305-311                                    | 3.1  | 8   |
| 59 | Multiethnic Exome-Wide Association Study of Subclinical Atherosclerosis. <i>Circulation: Cardiovascular Genetics</i> , <b>2016</b> , 9, 511-520   |      | 34  |
| 58 | The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , <b>2016</b> , 48, 1171-1184   | 36.3 | 251 |
| 57 | Prevalence and Prognostic Implications of Coronary Artery Calcification in Low-Risk Women: A Meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , <b>2016</b> , 316, 2126-2134                      | 27.4 | 79  |
| 56 | Rapid evaluation of phenotypes, SNPs and results through the dbGaP CHARGE Summary Results site. <i>Nature Genetics</i> , <b>2016</b> , 48, 702-3  | 36.3 | 10  |
| 55 | Causal Assessment of Serum Urate Levels in Cardiometabolic Diseases Through a Mendelian Randomization Study. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 67, 407-416                             | 15.1 | 101 |
| 54 | Circulating Sex Steroids and Vascular Calcification in Community-Dwelling Men: The Framingham Heart Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2016</b> , 101, 2160-7                            | 5.6  | 14  |
| 53 | A meta-analysis of 120 246 individuals identifies 18 new loci for fibrinogen concentration. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 358-70  | 5.6  | 54  |
| 52 | Epidemiology of venous thromboembolism in the Framingham Heart Study. <i>Thrombosis Research</i> , <b>2016</b> , 145, 27-33   | 8.2  | 64  |
| 51 | Genetic loci associated with ideal cardiovascular health: A meta-analysis of genome-wide association studies. <i>American Heart Journal</i> , <b>2016</b> , 175, 112-20   | 4.9  | 17  |

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| 50 | Cardiovascular Event Prediction and Risk Reclassification by Coronary, Aortic, and Valvular Calcification in the Framingham Heart Study. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,  | 6    | 101  |
| 49 | Biomarkers for the prediction of venous thromboembolism in the community. <i>Thrombosis Research</i> , <b>2016</b> , 145, 34-9  | 8.2  | 8    |
| 48 | Low cardiac index is associated with incident dementia and Alzheimer disease: the Framingham Heart Study. <i>Circulation</i> , <b>2015</b> , 131, 1333-9  | 16.7 | 101  |
| 47 | Genetically determined height and coronary artery disease. <i>New England Journal of Medicine</i> , <b>2015</b> , 372, 1608-18  | 59.2 | 152  |
| 46 | A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. <i>Nature Genetics</i> , <b>2015</b> , 47, 1121-1130  | 36.3 | 1290 |
| 45 | Fetuin-A and risk of coronary heart disease: A Mendelian randomization analysis and a pooled analysis of AHSG genetic variants in 7 prospective studies. <i>Atherosclerosis</i> , <b>2015</b> , 243, 44-52    | 3.1  | 15   |
| 44 | Phosphodiesterase 1 regulation is a key mechanism in vascular aging. <i>Clinical Science</i> , <b>2015</b> , 129, 1061-75   | 5.5  | 39   |
| 43 | Left Ventricular Structure and Risk of Cardiovascular Events: A Framingham Heart Study Cardiac Magnetic Resonance Study. <i>Journal of the American Heart Association</i> , <b>2015</b> , 4, e002188          | 6    | 64   |
| 42 | Identification of common genetic variants controlling transcript isoform variation in human whole blood. <i>Nature Genetics</i> , <b>2015</b> , 47, 345-52  | 36.3 | 77   |
| 41 | Association of low-frequency and rare coding-sequence variants with blood lipids and coronary heart disease in 56,000 whites and blacks. <i>American Journal of Human Genetics</i> , <b>2014</b> , 94, 223-32 | 11   | 233  |
| 40 | Whole-exome sequencing identifies rare and low-frequency coding variants associated with LDL cholesterol. <i>American Journal of Human Genetics</i> , <b>2014</b> , 94, 233-45                                | 11   | 170  |
| 39 | Magnesium intake is inversely associated with coronary artery calcification: the Framingham Heart Study. <i>JACC: Cardiovascular Imaging</i> , <b>2014</b> , 7, 59-69   | 8.4  | 80   |
| 38 | Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. <i>Nature Genetics</i> , <b>2014</b> , 46, 826-36                                       | 36.3 | 199  |
| 37 | GRASP: analysis of genotype-phenotype results from 1390 genome-wide association studies and corresponding open access database. <i>Bioinformatics</i> , <b>2014</b> , 30, i185-94                             | 7.2  | 181  |
| 36 | Risk factor differences in calcified and noncalcified aortic plaque: the Framingham Heart Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 1580-6                         | 9.4  | 11   |
| 35 | Renal artery calcium, cardiovascular risk factors, and indexes of renal function. <i>American Journal of Cardiology</i> , <b>2014</b> , 113, 156-61   | 3    | 17   |
| 34 | The systolic blood pressure difference between arms and cardiovascular disease in the Framingham Heart Study. <i>American Journal of Medicine</i> , <b>2014</b> , 127, 209-15                                 | 2.4  | 87   |
| 33 | Distribution of abdominal aortic calcium by computed tomography: impact of analysis method on quantitative calcium score. <i>Academic Radiology</i> , <b>2013</b> , 20, 1422-8                                | 4.3  | 5    |

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|----|---|------|------|
| 32 | Assessing the phenotypic effects in the general population of rare variants in genes for a dominant Mendelian form of diabetes. <i>Nature Genetics</i> , <b>2013</b> , 45, 1380-5   | 36.3 | 103  |
| 31 | Common genetic loci influencing plasma homocysteine concentrations and their effect on risk of coronary artery disease. <i>American Journal of Clinical Nutrition</i> , <b>2013</b> , 98, 668-76  | 7    | 122  |
| 30 | Genetic associations with valvular calcification and aortic stenosis. <i>New England Journal of Medicine</i> , <b>2013</b> , 368, 503-12  | 59.2 | 556  |
| 29 | Best practices and joint calling of the HumanExome BeadChip: the CHARGE Consortium. <i>PLoS ONE</i> , <b>2013</b> , 8, e68095   | 3.7  | 203  |
| 28 | Using family-based imputation in genome-wide association studies with large complex pedigrees: the Framingham Heart Study. <i>PLoS ONE</i> , <b>2012</b> , 7, e51589  | 3.7  | 10   |
| 27 | Hypothesis-based analysis of gene-gene interactions and risk of myocardial infarction. <i>PLoS ONE</i> , <b>2012</b> , 7, e41730  | 3.7  | 15   |
| 26 | Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. <i>Nature Genetics</i> , <b>2011</b> , 43, 1131-8  | 36.3 | 415  |
| 25 | Genome-wide association analysis identifies variants associated with nonalcoholic fatty liver disease that have distinct effects on metabolic traits. <i>PLoS Genetics</i> , <b>2011</b> , 7, e1001324  | 6    | 629  |
| 24 | Strengthening the reporting of genetic risk prediction studies (GRIPS): explanation and elaboration. <i>European Journal of Clinical Investigation</i> , <b>2011</b> , 41, 1010-35  | 4.6  | 19   |
| 23 | Genome-wide association study for coronary artery calcification with follow-up in myocardial infarction. <i>Circulation</i> , <b>2011</b> , 124, 2855-64  | 16.7 | 213  |
| 22 | Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , <b>2010</b> , 467, 832-8  | 50.4 | 1514 |
| 21 | Whole- and refined-grain intakes are differentially associated with abdominal visceral and subcutaneous adiposity in healthy adults: the Framingham Heart Study. <i>American Journal of Clinical Nutrition</i> , <b>2010</b> , 92, 1165-71    | 7    | 102  |
| 20 | Reply:. <i>Hepatology</i> , <b>2010</b> , 52, 1519-1519   | 11.2 |      |
| 19 | Vitamin K supplementation and progression of coronary artery calcium in older men and women. <i>American Journal of Clinical Nutrition</i> , <b>2009</b> , 89, 1799-807   | 7    | 171  |
| 18 | Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Consortium: Design of prospective meta-analyses of genome-wide association studies from 5 cohorts. <i>Circulation: Cardiovascular Genetics</i> , <b>2009</b> , 2, 73-80 |      | 423  |
| 17 | Defining normal distributions of coronary artery calcium in women and men (from the Framingham Heart Study). <i>American Journal of Cardiology</i> , <b>2008</b> , 102, 1136-41, 1141.e1  | 3    | 124  |
| 16 | Pericardial fat, visceral abdominal fat, cardiovascular disease risk factors, and vascular calcification in a community-based sample: the Framingham Heart Study. <i>Circulation</i> , <b>2008</b> , 117, 605-13                              | 16.7 | 747  |
| 15 | Visceral and subcutaneous adipose tissue volumes are cross-sectionally related to markers of inflammation and oxidative stress: the Framingham Heart Study. <i>Circulation</i> , <b>2007</b> , 116, 1234-41                                   | 16.7 | 665  |



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|----|---|------|-----|
| 14 | The Third Generation Cohort of the National Heart, Lung, and Blood Institute's Framingham Heart Study: design, recruitment, and initial examination. <i>American Journal of Epidemiology</i> , <b>2007</b> , 165, 1328-33 | 3.8  | 605 |
| 13 | Clinical and genetic correlates of aldosterone-to-renin ratio and relations to blood pressure in a community sample. <i>Hypertension</i> , <b>2007</b> , 49, 846-56   | 8.5  | 163 |
| 12 | Plasma vitamin K levels are associated with coronary calcification in older adults.. <i>FASEB Journal</i> , <b>2006</b> , 20, A134  | 0.9  | 1   |
| 11 | Calcium concentration of individual coronary calcified plaques as measured by multidetector row computed tomography. <i>Circulation</i> , <b>2005</b> , 111, 3236-41  | 16.7 | 45  |
| 10 | Usefulness of exercise testing in the prediction of coronary disease risk among asymptomatic persons as a function of the Framingham risk score. <i>Circulation</i> , <b>2004</b> , 110, 1920-5                           | 16.7 | 141 |
| 9  | Mitral annular calcification predicts cardiovascular morbidity and mortality: the Framingham Heart Study. <i>Circulation</i> , <b>2003</b> , 107, 1492-6  | 16.7 | 311 |
| 8  | Association of C-reactive protein with carotid atherosclerosis in men and women: the Framingham Heart Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2002</b> , 22, 1662-7                         | 9.4  | 193 |
| 7  | Abdominal aortic calcific deposits are an important predictor of vascular morbidity and mortality. <i>Circulation</i> , <b>2001</b> , 103, 1529-34  | 16.7 | 465 |
| 6  | Factor VII gene polymorphism, factor VII levels, and prevalent cardiovascular disease: the Framingham Heart Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2000</b> , 20, 593-600                  | 9.4  | 48  |
| 5  | Differential control of systolic and diastolic blood pressure : factors associated with lack of blood pressure control in the community. <i>Hypertension</i> , <b>2000</b> , 36, 594-9                                    | 8.5  | 329 |
| 4  | Increased platelet aggregability associated with platelet GPIIb/IIIa polymorphism: the Framingham Offspring Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1999</b> , 19, 1142-7                   | 9.4  | 217 |
| 3  | A trans-ancestry genome-wide association study of unexplained chronic ALT elevation as a proxy for nonalcoholic fatty liver disease with histological and radiological validation   |      | 5   |
| 2  | A MUC5B gene polymorphism, rs35705950-T, confers protective effects in COVID-19 infection   |      | 1   |
| 1  | A multi-ancestry genome-wide association study of unexplained chronic ALT elevation as a proxy for nonalcoholic fatty liver disease with histological and radiological validation. <i>Nature Genetics</i> ,               | 36.3 | 2   |