

Christopher J O donnell

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.

204
papers

44,832
citations

85
h-index

209
g-index

209
ext. papers

52,257
ext. citations

15.2
avg, IF

6.28
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 204 | Biological, clinical and population relevance of 95 loci for blood lipids. <i>Nature</i> , 2010 , 466, 707-13 | 50.4 | 2742 |
| 203 | Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010 , 42, 937-48 | 36.3 | 2267 |
| 202 | Metabolite profiles and the risk of developing diabetes. <i>Nature Medicine</i> , 2011 , 17, 448-53 | 50.5 | 2044 |
| 201 | Abdominal visceral and subcutaneous adipose tissue compartments: association with metabolic risk factors in the Framingham Heart Study. <i>Circulation</i> , 2007 , 116, 39-48 | 16.7 | 1902 |
| 200 | 2013 ACC/AHA guideline on the assessment of cardiovascular risk: a report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 2935-2959 | 15.1 | 1625 |
| 199 | Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , 2011 , 478, 103-9 | 50.4 | 1564 |
| 198 | Plasma HDL cholesterol and risk of myocardial infarction: a mendelian randomisation study. <i>Lancet</i> , 2012 , 380, 572-80 | 40 | 1523 |
| 197 | Hundreds of variants clustered in genomic loci and biological pathways affect human height. <i>Nature</i> , 2010 , 467, 832-8 | 50.4 | 1514 |
| 196 | Impact of high-normal blood pressure on the risk of cardiovascular disease. <i>New England Journal of Medicine</i> , 2001 , 345, 1291-7 | 59.2 | 1451 |
| 195 | Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. <i>Nature Genetics</i> , 2011 , 43, 333-8 | 36.3 | 1394 |
| 194 | A comprehensive 1,000 Genomes-based genome-wide association meta-analysis of coronary artery disease. <i>Nature Genetics</i> , 2015 , 47, 1121-1130 | 36.3 | 1290 |
| 193 | Common variants at 30 loci contribute to polygenic dyslipidemia. <i>Nature Genetics</i> , 2009 , 41, 56-65 | 36.3 | 1095 |
| 192 | Genome-wide association study of blood pressure and hypertension. <i>Nature Genetics</i> , 2009 , 41, 677-87 | 36.3 | 1065 |
| 191 | SNAP: a web-based tool for identification and annotation of proxy SNPs using HapMap. <i>Bioinformatics</i> , 2008 , 24, 2938-9 | 7.2 | 1062 |
| 190 | Genome-wide association study identifies eight loci associated with blood pressure. <i>Nature Genetics</i> , 2009 , 41, 666-76 | 36.3 | 970 |
| 189 | Genome-wide association of early-onset myocardial infarction with single nucleotide polymorphisms and copy number variants. <i>Nature Genetics</i> , 2009 , 41, 334-41 | 36.3 | 884 |
| 188 | Criteria for evaluation of novel markers of cardiovascular risk: a scientific statement from the American Heart Association. <i>Circulation</i> , 2009 , 119, 2408-16 | 16.7 | 834 |

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| 187 | Pericardial fat, visceral abdominal fat, cardiovascular disease risk factors, and vascular calcification in a community-based sample: the Framingham Heart Study. <i>Circulation</i> , 2008 , 117, 605-13 | 16.7 | 747 |
| 186 | Loss-of-function mutations in APOC3, triglycerides, and coronary disease. <i>New England Journal of Medicine</i> , 2014 , 371, 22-31 | 59.2 | 721 |
| 185 | Genome-wide association analysis identifies variants associated with nonalcoholic fatty liver disease that have distinct effects on metabolic traits. <i>PLoS Genetics</i> , 2011 , 7, e1001324 | 6 | 629 |
| 184 | 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> , 2007 , 165, 1328-33 | 33.8 | 605 |
| 183 | Interleukin-6 receptor pathways in coronary heart disease: a collaborative meta-analysis of 82 studies. <i>Lancet, The</i> , 2012 , 379, 1205-13 | 40 | 522 |
| 182 | Exome sequencing identifies rare LDLR and APOA5 alleles conferring risk for myocardial infarction. <i>Nature</i> , 2015 , 518, 102-6 | 50.4 | 463 |
| 181 | A genome-wide meta-analysis identifies 22 loci associated with eight hematological parameters in the HaemGen consortium. <i>Nature Genetics</i> , 2009 , 41, 1182-90 | 36.3 | 433 |
| 180 | Association of pericardial fat, intrathoracic fat, and visceral abdominal fat with cardiovascular disease burden: the Framingham Heart Study. <i>European Heart Journal</i> , 2009 , 30, 850-6 | 9.5 | 433 |
| 179 | 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> , 2009 , 2, 73-80 | | 423 |
| 178 | Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. <i>Nature Genetics</i> , 2011 , 43, 1131-8 | 36.3 | 415 |
| 177 | Metabolite profiling identifies pathways associated with metabolic risk in humans. <i>Circulation</i> , 2012 , 125, 2222-31 | 16.7 | 401 |
| 176 | New susceptibility locus for coronary artery disease on chromosome 3q22.3. <i>Nature Genetics</i> , 2009 , 41, 280-2 | 36.3 | 389 |
| 175 | Excess of rare variants in genes identified by genome-wide association study of hypertriglyceridemia. <i>Nature Genetics</i> , 2010 , 42, 684-7 | 36.3 | 365 |
| 174 | Adiposity, cardiometabolic risk, and vitamin D status: the Framingham Heart Study. <i>Diabetes</i> , 2010 , 59, 242-8 | 0.9 | 356 |
| 173 | Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. <i>Nature Genetics</i> , 2011 , 43, 1005-11 | 36.3 | 338 |
| 172 | Inactivating mutations in NPC1L1 and protection from coronary heart disease. <i>New England Journal of Medicine</i> , 2014 , 371, 2072-82 | 59.2 | 307 |
| 171 | Multiple loci influence erythrocyte phenotypes in the CHARGE Consortium. <i>Nature Genetics</i> , 2009 , 41, 1191-8 | 36.3 | 285 |
| 170 | Pericardial fat is associated with prevalent atrial fibrillation: the Framingham Heart Study. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010 , 3, 345-50 | 6.4 | 283 |

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|-----|--|------|-----|
| 169 | 2-Aminoadipic acid is a biomarker for diabetes risk. <i>Journal of Clinical Investigation</i> , 2013 , 123, 4309-17 | 15.9 | 281 |
| 168 | Fatty liver is associated with dyslipidemia and dysglycemia independent of visceral fat: the Framingham Heart Study. <i>Hepatology</i> , 2010 , 51, 1979-87 | 11.2 | 277 |
| 167 | Genetics of blood lipids among ~300,000 multi-ethnic participants of the Million Veteran Program. <i>Nature Genetics</i> , 2018 , 50, 1514-1523 | 36.3 | 260 |
| 166 | Abdominal subcutaneous and visceral adipose tissue and insulin resistance in the Framingham heart study. <i>Obesity</i> , 2010 , 18, 2191-8 | 8 | 259 |
| 165 | Neck circumference as a novel measure of cardiometabolic risk: the Framingham Heart study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 3701-10 | 5.6 | 255 |
| 164 | Actionable exomic incidental findings in 6503 participants: challenges of variant classification. <i>Genome Research</i> , 2015 , 25, 305-15 | 9.7 | 252 |
| 163 | The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , 2016 , 48, 1171-1184 | 36.3 | 251 |
| 162 | Shared genetic susceptibility to ischemic stroke and coronary artery disease: a genome-wide analysis of common variants. <i>Stroke</i> , 2014 , 45, 24-36 | 6.7 | 245 |
| 161 | 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> , 2014 , 94, 223-32 | 11 | 233 |
| 160 | Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. <i>Nature Genetics</i> , 2013 , 45, 621-31 | 36.3 | 219 |
| 159 | Genome-wide association study for coronary artery calcification with follow-up in myocardial infarction. <i>Circulation</i> , 2011 , 124, 2855-64 | 16.7 | 213 |
| 158 | NRXN3 is a novel locus for waist circumference: a genome-wide association study from the CHARGE Consortium. <i>PLoS Genetics</i> , 2009 , 5, e1000539 | 6 | 203 |
| 157 | Genomics of cardiovascular disease. <i>New England Journal of Medicine</i> , 2011 , 365, 2098-109 | 59.2 | 194 |
| 156 | A genome-wide association study of the human metabolome in a community-based cohort. <i>Cell Metabolism</i> , 2013 , 18, 130-43 | 24.6 | 188 |
| 155 | Pericardial fat, intrathoracic fat, and measures of left ventricular structure and function: the Framingham Heart Study. <i>Circulation</i> , 2009 , 119, 1586-91 | 16.7 | 182 |
| 154 | Whole-exome sequencing identifies rare and low-frequency coding variants associated with LDL cholesterol. <i>American Journal of Human Genetics</i> , 2014 , 94, 233-45 | 11 | 170 |
| 153 | Meta-analysis of genome-wide association studies from the CHARGE consortium identifies common variants associated with carotid intima media thickness and plaque. <i>Nature Genetics</i> , 2011 , 43, 940-7 | 36.3 | 168 |
| 152 | A genetic risk score is associated with incident cardiovascular disease and coronary artery calcium: the Framingham Heart Study. <i>Circulation: Cardiovascular Genetics</i> , 2012 , 5, 113-21 | | 162 |

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|-----|---|------|-----|
| 151 | Pharmacogenetic meta-analysis of genome-wide association studies of LDL cholesterol response to statins. <i>Nature Communications</i> , 2014 , 5, 5068 | 17.4 | 160 |
| 150 | Genetically determined height and coronary artery disease. <i>New England Journal of Medicine</i> , 2015 , 372, 1608-18 | 59.2 | 152 |
| 149 | Meta-analysis identifies common and rare variants influencing blood pressure and overlapping with metabolic trait loci. <i>Nature Genetics</i> , 2016 , 48, 1162-70 | 36.3 | 152 |
| 148 | Trans-ethnic association study of blood pressure determinants in over 750,000 individuals. <i>Nature Genetics</i> , 2019 , 51, 51-62 | 36.3 | 152 |
| 147 | Peri-aortic fat, cardiovascular disease risk factors, and aortic calcification: the Framingham Heart Study. <i>Atherosclerosis</i> , 2010 , 210, 656-61 | 3.1 | 148 |
| 146 | Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. <i>Nature Communications</i> , 2015 , 6, 5897 | 17.4 | 147 |
| 145 | Integrative genomics reveals novel molecular pathways and gene networks for coronary artery disease. <i>PLoS Genetics</i> , 2014 , 10, e1004502 | 6 | 147 |
| 144 | Association of genome-wide variation with the risk of incident heart failure in adults of European and African ancestry: a prospective meta-analysis from the cohorts for heart and aging research in genomic epidemiology (CHARGE) consortium. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 256-66 | | 147 |
| 143 | Genome-wide association study identifies novel loci associated with circulating phospho- and sphingolipid concentrations. <i>PLoS Genetics</i> , 2012 , 8, e1002490 | 6 | 145 |
| 142 | Design of the Coronary ARtery Disease Genome-Wide Replication And Meta-Analysis (CARDIoGRAM) Study: A Genome-wide association meta-analysis involving more than 22 000 cases and 60 000 controls. <i>Circulation: Cardiovascular Genetics</i> , 2010 , 3, 475-83 | | 135 |
| 141 | Visceral fat is associated with lower brain volume in healthy middle-aged adults. <i>Annals of Neurology</i> , 2010 , 68, 136-44 | 9.4 | 135 |
| 140 | Association of low-density lipoprotein cholesterol-related genetic variants with aortic valve calcium and incident aortic stenosis. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 312, 1764-71 | 27.4 | 134 |
| 139 | Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. <i>Nature</i> , 2019 , 570, 71-76 | 50.4 | 129 |
| 138 | A systems biology framework identifies molecular underpinnings of coronary heart disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1427-34 | 9.4 | 125 |
| 137 | Patterns of abdominal fat distribution: the Framingham Heart Study. <i>Diabetes Care</i> , 2009 , 32, 481-5 | 14.6 | 123 |
| 136 | Hepatic steatosis and cardiovascular disease outcomes: An analysis of the Framingham Heart Study. <i>Journal of Hepatology</i> , 2015 , 63, 470-6 | 13.4 | 119 |
| 135 | Whole-genome sequence-based analysis of high-density lipoprotein cholesterol. <i>Nature Genetics</i> , 2013 , 45, 899-901 | 36.3 | 117 |
| 134 | Genome-wide association study of white blood cell count in 16,388 African Americans: the continental origins and genetic epidemiology network (COGENT). <i>PLoS Genetics</i> , 2011 , 7, e1002108 | 6 | 111 |

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|-----|--|------|-----|
| 133 | Integrated genome-wide analysis of expression quantitative trait loci aids interpretation of genomic association studies. <i>Genome Biology</i> , 2017 , 18, 16 | 18.3 | 108 |
| 132 | Distribution, determinants, and normal reference values of thoracic and abdominal aortic diameters by computed tomography (from the Framingham Heart Study). <i>American Journal of Cardiology</i> , 2013 , 111, 1510-6 | 3 | 107 |
| 131 | Multiethnic meta-analysis of genome-wide association studies in >100 000 subjects identifies 23 fibrinogen-associated Loci but no strong evidence of a causal association between circulating fibrinogen and cardiovascular disease. <i>Circulation</i> , 2013 , 128, 1310-24 | 16.7 | 107 |
| 130 | Genome-wide association analysis identifies multiple loci related to resting heart rate. <i>Human Molecular Genetics</i> , 2010 , 19, 3885-94 | 5.6 | 106 |
| 129 | Genome-wide identification of microRNA expression quantitative trait loci. <i>Nature Communications</i> , 2015 , 6, 6601 | 17.4 | 104 |
| 128 | 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> , 2010 , 92, 1165-71 | 7 | 102 |
| 127 | Low cardiac index is associated with incident dementia and Alzheimer disease: the Framingham Heart Study. <i>Circulation</i> , 2015 , 131, 1333-9 | 16.7 | 101 |
| 126 | Causal Assessment of Serum Urate Levels in Cardiometabolic Diseases Through a Mendelian Randomization Study. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 407-416 | 15.1 | 101 |
| 125 | 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> , 2016 , 5, | 6 | 101 |
| 124 | Guideline-Based Statin Eligibility, Coronary Artery Calcification, and Cardiovascular Events. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 314, 134-41 | 27.4 | 97 |
| 123 | Multiple loci are associated with white blood cell phenotypes. <i>PLoS Genetics</i> , 2011 , 7, e1002113 | 6 | 92 |
| 122 | Common genetic variation at the IL1RL1 locus regulates IL-33/ST2 signaling. <i>Journal of Clinical Investigation</i> , 2013 , 123, 4208-18 | 15.9 | 87 |
| 121 | Induced Pluripotent Stem Cell Differentiation Enables Functional Validation of GWAS Variants in Metabolic Disease. <i>Cell Stem Cell</i> , 2017 , 20, 547-557.e7 | 18 | 86 |
| 120 | Association of the PHACTR1/EDN1 Genetic Locus With Spontaneous Coronary Artery Dissection. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 58-66 | 15.1 | 86 |
| 119 | Association between chromosome 9p21 variants and the ankle-brachial index identified by a meta-analysis of 21 genome-wide association studies. <i>Circulation: Cardiovascular Genetics</i> , 2012 , 5, 100-12 | | 84 |
| 118 | A meta-analysis of gene expression signatures of blood pressure and hypertension. <i>PLoS Genetics</i> , 2015 , 11, e1005035 | 6 | 83 |
| 117 | Distinct metabolomic signatures are associated with longevity in humans. <i>Nature Communications</i> , 2015 , 6, 6791 | 17.4 | 81 |
| 116 | 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> , 2020 , 323, 2524-2526 | 27.4 | 81 |

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|-----|--|------|----|
| 115 | Pleiotropic genes for metabolic syndrome and inflammation. <i>Molecular Genetics and Metabolism</i> , 2014 , 112, 317-38 | 3.7 | 81 |
| 114 | Gene expression signatures of coronary heart disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1418-26 | 9.4 | 80 |
| 113 | Prevalence and Prognostic Implications of Coronary Artery Calcification in Low-Risk Women: A Meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 2126-2134 | 27.4 | 79 |
| 112 | Association of lifestyle factors with abdominal subcutaneous and visceral adiposity: the Framingham Heart Study. <i>Diabetes Care</i> , 2009 , 32, 505-10 | 14.6 | 77 |
| 111 | Genetics and genomics for the prevention and treatment of cardiovascular disease: update: a scientific statement from the American Heart Association. <i>Circulation</i> , 2013 , 128, 2813-51 | 16.7 | 76 |
| 110 | Genetic association analysis highlights new loci that modulate hematological trait variation in Caucasians and African Americans. <i>Human Genetics</i> , 2011 , 129, 307-17 | 6.3 | 74 |
| 109 | Mendelian randomization: nature's randomized trial in the post-genome era. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 301, 2386-8 | 27.4 | 74 |
| 108 | Genome-wide association study of peripheral artery disease in the Million Veteran Program. <i>Nature Medicine</i> , 2019 , 25, 1274-1279 | 50.5 | 73 |
| 107 | An increased burden of common and rare lipid-associated risk alleles contributes to the phenotypic spectrum of hypertriglyceridemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 1916-26 | 9.4 | 73 |
| 106 | Integrative network analysis reveals molecular mechanisms of blood pressure regulation. <i>Molecular Systems Biology</i> , 2015 , 11, 799 | 12.2 | 72 |
| 105 | Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , 2017 , 6, | 6 | 65 |
| 104 | Genome-wide association study for circulating levels of PAI-1 provides novel insights into its regulation. <i>Blood</i> , 2012 , 120, 4873-81 | 2.2 | 65 |
| 103 | Prevalence, distribution, and risk factor correlates of high pericardial and intrathoracic fat depots in the Framingham heart study. <i>Circulation: Cardiovascular Imaging</i> , 2010 , 3, 559-66 | 3.9 | 64 |
| 102 | GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. <i>Nature Communications</i> , 2018 , 9, 5141 | 17.4 | 64 |
| 101 | Genetics of coronary artery calcification among African Americans, a meta-analysis. <i>BMC Medical Genetics</i> , 2013 , 14, 75 | 2.1 | 62 |
| 100 | Cross-sectional relations of arterial stiffness, pressure pulsatility, wave reflection, and arterial calcification. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 2495-500 | 9.4 | 62 |
| 99 | Periaortic fat deposition is associated with peripheral arterial disease: the Framingham heart study. <i>Circulation: Cardiovascular Imaging</i> , 2010 , 3, 515-9 | 3.9 | 61 |
| 98 | Pericardial fat volume correlates with inflammatory markers: the Framingham Heart Study. <i>Obesity</i> , 2010 , 18, 1039-45 | 8 | 60 |

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| 97 | PRIME: a method for characterization and evaluation of pleiotropic regions from multiple genome-wide association studies. <i>Bioinformatics</i> , 2011 , 27, 1201-6 | 7.2 | 54 |
| 96 | Resequencing and clinical associations of the 9p21.3 region: a comprehensive investigation in the Framingham heart study. <i>Circulation</i> , 2013 , 127, 799-810 | 16.7 | 53 |
| 95 | Cross-sectional associations between abdominal and thoracic adipose tissue compartments and adiponectin and resistin in the Framingham Heart Study. <i>Diabetes Care</i> , 2009 , 32, 903-8 | 14.6 | 53 |
| 94 | Periaortic adipose tissue and aortic dimensions in the Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2012 , 1, e000885 | 6 | 51 |
| 93 | Genome-Wide Association Transethnic Meta-Analyses Identifies Novel Associations Regulating Coagulation Factor VIII and von Willebrand Factor Plasma Levels. <i>Circulation</i> , 2019 , 139, 620-635 | 16.7 | 51 |
| 92 | Association of visceral and subcutaneous adiposity with kidney function. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2008 , 3, 1786-91 | 6.9 | 48 |
| 91 | An exome array study of the plasma metabolome. <i>Nature Communications</i> , 2016 , 7, 12360 | 17.4 | 47 |
| 90 | Genetic predictors of fibrin D-dimer levels in healthy adults. <i>Circulation</i> , 2011 , 123, 1864-72 | 16.7 | 47 |
| 89 | Integromic analysis of genetic variation and gene expression identifies networks for cardiovascular disease phenotypes. <i>Circulation</i> , 2015 , 131, 536-49 | 16.7 | 46 |
| 88 | Genetic analysis for a shared biological basis between migraine and coronary artery disease. <i>Neurology: Genetics</i> , 2015 , 1, e10 | 3.8 | 46 |
| 87 | Predicting stroke through genetic risk functions: the CHARGE Risk Score Project. <i>Stroke</i> , 2014 , 45, 403-10 | 16.7 | 46 |
| 86 | Dissecting the roles of microRNAs in coronary heart disease via integrative genomic analyses. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1011-21 | 9.4 | 46 |
| 85 | HDAC9 is implicated in atherosclerotic aortic calcification and affects vascular smooth muscle cell phenotype. <i>Nature Genetics</i> , 2019 , 51, 1580-1587 | 36.3 | 45 |
| 84 | Visceral and subcutaneous adiposity and brachial artery vasodilator function. <i>Obesity</i> , 2009 , 17, 2054-9 | 8 | 43 |
| 83 | Association of fat density with subclinical atherosclerosis. <i>Journal of the American Heart Association</i> , 2014 , 3, | 6 | 42 |
| 82 | Harmonizing Genetic Ancestry and Self-identified Race/Ethnicity in Genome-wide Association Studies. <i>American Journal of Human Genetics</i> , 2019 , 105, 763-772 | 11 | 41 |
| 81 | Synthesis of 53 tissue and cell line expression QTL datasets reveals master eQTLs. <i>BMC Genomics</i> , 2014 , 15, 532 | 4.5 | 41 |
| 80 | Relation of visceral adiposity to circulating natriuretic peptides in ambulatory individuals. <i>American Journal of Cardiology</i> , 2011 , 108, 979-84 | 3 | 41 |

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|----|--|------|----|
| 79 | Relation of subcutaneous and visceral adipose tissue to coronary and abdominal aortic calcium (from the Framingham Heart Study). <i>American Journal of Cardiology</i> , 2009 , 104, 543-7 | 3 | 40 |
| 78 | Cross-classification of JNC VI blood pressure stages and risk groups in the Framingham Heart Study. <i>Archives of Internal Medicine</i> , 1999 , 159, 2206-12 | | 40 |
| 77 | Rural-Urban Differences in Cardiovascular Mortality in the US, 1999-2017. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 1852-1854 | 27.4 | 39 |
| 76 | Phosphodiesterase 1 regulation is a key mechanism in vascular aging. <i>Clinical Science</i> , 2015 , 129, 1061-75 | 5.5 | 39 |
| 75 | Identification of the BCAR1-CFDP1-TMEM170A locus as a determinant of carotid intima-media thickness and coronary artery disease risk. <i>Circulation: Cardiovascular Genetics</i> , 2012 , 5, 656-65 | | 35 |
| 74 | Genetic associations with expression for genes implicated in GWAS studies for atherosclerotic cardiovascular disease and blood phenotypes. <i>Human Molecular Genetics</i> , 2014 , 23, 782-95 | 5.6 | 34 |
| 73 | Serum Sortilin Associates With Aortic Calcification and Cardiovascular Risk in Men. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 1005-1011 | 9.4 | 33 |
| 72 | Future translational applications from the contemporary genomics era: a scientific statement from the American Heart Association. <i>Circulation</i> , 2015 , 131, 1715-36 | 16.7 | 32 |
| 71 | Inherited myeloproliferative neoplasm risk affects haematopoietic stem cells. <i>Nature</i> , 2020 , 586, 769-775 | 50.4 | 32 |
| 70 | Association of genomic loci from a cardiovascular gene SNP array with fibrinogen levels in European Americans and African-Americans from six cohort studies: the Candidate Gene Association Resource (CARE). <i>Blood</i> , 2011 , 117, 268-75 | 2.2 | 31 |
| 69 | A comprehensive evaluation of the genetic architecture of sudden cardiac arrest. <i>European Heart Journal</i> , 2018 , 39, 3961-3969 | 9.5 | 31 |
| 68 | Astronaut Cardiovascular Health and Risk Modification (Astro-CHARM) Coronary Calcium Atherosclerotic Cardiovascular Disease Risk Calculator. <i>Circulation</i> , 2018 , 138, 1819-1827 | 16.7 | 30 |
| 67 | Cardiovascular Risk Factors. Insights From Framingham Heart Study. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2008 , 61, 299-310 | 0.7 | 29 |
| 66 | Meta-analysis of genome-wide association studies of HDL cholesterol response to statins. <i>Journal of Medical Genetics</i> , 2016 , 53, 835-845 | 5.8 | 28 |
| 65 | Association of Maternal Prepregnancy Dyslipidemia With Adult Offspring Dyslipidemia in Excess of Anthropometric, Lifestyle, and Genetic Factors in the Framingham Heart Study. <i>JAMA Cardiology</i> , 2016 , 1, 26-35 | 16.2 | 26 |
| 64 | Overlap between common genetic polymorphisms underpinning kidney traits and cardiovascular disease phenotypes: the CKDGen consortium. <i>American Journal of Kidney Diseases</i> , 2013 , 61, 889-98 | 7.4 | 26 |
| 63 | Relations of long-term and contemporary lipid levels and lipid genetic risk scores with coronary artery calcium in the framingham heart study. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 2364-71 | 15.1 | 26 |
| 62 | Association of genome-wide variation with highly sensitive cardiac troponin-T levels in European Americans and Blacks: a meta-analysis from atherosclerosis risk in communities and cardiovascular health studies. <i>Circulation: Cardiovascular Genetics</i> , 2013 , 6, 82-8 | | 24 |

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|----|---|------|----|
| 61 | Genetic Architecture of Abdominal Aortic Aneurysm in the Million Veteran Program. <i>Circulation</i> , 2020 , 142, 1633-1646 | 16.7 | 24 |
| 60 | High-throughput multimodal automated phenotyping (MAP) with application to PheWAS. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019 , 26, 1255-1262 | 8.6 | 23 |
| 59 | Chromosome 1q21.2 and additional loci influence risk of spontaneous coronary artery dissection and myocardial infarction. <i>Nature Communications</i> , 2020 , 11, 4432 | 17.4 | 22 |
| 58 | Genotyping Array Design and Data Quality Control in the Million Veteran Program. <i>American Journal of Human Genetics</i> , 2020 , 106, 535-548 | 11 | 22 |
| 57 | Variants in the CNR1 and the FAAH genes and adiposity traits in the community. <i>Obesity</i> , 2009 , 17, 755-60 | 6.0 | 21 |
| 56 | Comparison of HapMap and 1000 Genomes Reference Panels in a Large-Scale Genome-Wide Association Study. <i>PLoS ONE</i> , 2017 , 12, e0167742 | 3.7 | 21 |
| 55 | Consent for genetic research in the Framingham Heart Study. <i>American Journal of Medical Genetics, Part A</i> , 2010 , 152A, 1250-6 | 2.5 | 20 |
| 54 | Novel Thrombotic Function of a Human SNP in STXBP5 Revealed by CRISPR/Cas9 Gene Editing in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 264-270 | 9.4 | 19 |
| 53 | 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> , 2018 , 11, e006209 | 3.9 | 18 |
| 52 | Genetic loci associated with ideal cardiovascular health: A meta-analysis of genome-wide association studies. <i>American Heart Journal</i> , 2016 , 175, 112-20 | 4.9 | 17 |
| 51 | A genome-wide association study identifies new loci for factor VII and implicates factor VII in ischemic stroke etiology. <i>Blood</i> , 2019 , 133, 967-977 | 2.2 | 17 |
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