Sandosh Padmanabhan

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.

219 papers	14,906 citations	68 h-index	118 g-index
235 ext. papers	19,126 ext. citations	10.5 avg, IF	5.72 L-index

#	Paper	IF	Citations
219	Spironolactone versus placebo, bisoprolol, and doxazosin to determine the optimal treatment for drug-resistant hypertension (PATHWAY-2): a randomised, double-blind, crossover trial. *Lancet, The*, **2015**, 386, 2059-2068	40	632
218	Genetically distinct subsets within ANCA-associated vasculitis. *New England Journal of Medicine*, **2012**, 367, 214-23	59.2	627
217	Mendelian randomization of blood lipids for coronary heart disease. *European Heart Journal*, **2015**, 36, 539-50	9.5	417
216	Rare and low-frequency coding variants alter human adult height. *Nature*, **2017**, 542, 186-190	50.4	412
215	Association between alcohol and cardiovascular disease: Mendelian randomisation analysis based on individual participant data. *BMJ, The*, **2014**, 349, g4164	5.9	406
214	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. *Nature Genetics*, **2018**, 50, 1412-1425	36.3	386
213	Risk HLA-DQA1 and PLA(2)R1 alleles in idiopathic membranous nephropathy. *New England Journal of Medicine*, **2011**, 364, 616-26	59.2	350
212	Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. *Nature Genetics*, **2017**, 49, 403-415	36.3	313
211	Exome-wide association study of plasma lipids in >300,000 individuals. *Nature Genetics*, **2017**, 49, 1758-1766	36.3	310
210	Multi-ethnic genome-wide association study for atrial fibrillation. *Nature Genetics*, **2018**, 50, 1225-1233	36.3	277
209	Genomic analyses identify hundreds of variants associated with age at menarche and support a role for puberty timing in cancer risk. *Nature Genetics*, **2017**, 49, 834-841	36.3	257
208	Seventy-five genetic loci influencing the human red blood cell. *Nature*, **2012**, 492, 369-75	50.4	257
207	Genome-wide association study of blood pressure extremes identifies variant near UMOD associated with hypertension. *PLoS Genetics*, **2010**, 6, e1001177	6	255
206	Common variants in 22 loci are associated with QRS duration and cardiac ventricular conduction. *Nature Genetics*, **2010**, 42, 1068-76	36.3	249
205	Polygenic Risk Score Identifies Subgroup With Higher Burden of Atherosclerosis and Greater Relative Benefit From Statin Therapy in the Primary Prevention Setting. *Circulation*, **2017**, 135, 2091-2101	16.7	244
204	Large-scale genomic analyses link reproductive aging to hypothalamic signaling, breast cancer susceptibility and BRCA1-mediated DNA repair. *Nature Genetics*, **2015**, 47, 1294-1303	36.3	226
203	PCSK9 genetic variants and risk of type 2 diabetes: a mendelian randomisation study. *Lancet Diabetes and Endocrinology,the*, **2017**, 5, 97-105	18.1	225

202	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. *Nature Genetics*, **2013**, 45, 621-31	36.3	219
201	A catalog of genetic loci associated with kidney function from analyses of a million individuals. *Nature Genetics*, **2019**, 51, 957-972	36.3	217
200	Large-scale gene-centric meta-analysis across 39 studies identifies type 2 diabetes loci. *American Journal of Human Genetics*, **2012**, 90, 410-25	11	214
199	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. *Nature Genetics*, **2014**, 46, 826-36	36.3	199
198	Large-scale gene-centric meta-analysis across 32 studies identifies multiple lipid loci. *American Journal of Human Genetics*, **2012**, 91, 823-38	11	189
197	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. *Nature Genetics*, **2018**, 50, 26-41	36.3	186
196	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. *Nature Genetics*, **2016**, 48, 1151-1161	36.3	181
195	Association between genetic variants on chromosome 15q25 locus and objective measures of tobacco exposure. *Journal of the National Cancer Institute*, **2012**, 104, 740-8	9.7	178
194	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. *Nature Genetics*, **2017**, 49, 946-952	36.3	176
193	HLA has strongest association with IgA nephropathy in genome-wide analysis. *Journal of the American Society of Nephrology: JASN*, **2010**, 21, 1791-7	12.7	173
192	Obesity paradox in a cohort of 4880 consecutive patients undergoing percutaneous coronary intervention. *European Heart Journal*, **2010**, 31, 222-6	9.5	173
191	Whole-exome sequencing identifies rare and low-frequency coding variants associated with LDL cholesterol. *American Journal of Human Genetics*, **2014**, 94, 233-45	11	170
190	Genetic and molecular aspects of hypertension. *Circulation Research*, **2015**, 116, 937-59	15.7	165
189	Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. *American Journal of Human Genetics*, **2009**, 85, 628-42	11	163
188	Copy-number disorders are a common cause of congenital kidney malformations. *American Journal of Human Genetics*, **2012**, 91, 987-97	11	161
187	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. *Nature Communications*, **2015**, 6, 5897	17.4	147
186	Should diabetes be considered a coronary heart disease risk equivalent?: results from 25 years of follow-up in the Renfrew and Paisley survey. *Diabetes Care*, **2005**, 28, 1588-93	14.6	147
185	Blood pressure loci identified with a gene-centric array. *American Journal of Human Genetics*, **2011**, 89, 688-700	11	137

184	Molecular genetic contributions to socioeconomic status and intelligence. *Intelligence*, **2014**, 44, 26-32	3	131
183	Gene-centric meta-analysis in 87,736 individuals of European ancestry identifies multiple blood-pressure-related loci. *American Journal of Human Genetics*, **2014**, 94, 349-60	11	131
182	Genome-wide Association for Major Depression Through Age at Onset Stratification: Major Depressive Disorder Working Group of the Psychiatric Genomics Consortium. *Biological Psychiatry*, **2017**, 81, 325-335	7.9	129
181	Endocrine and haemodynamic changes in resistant hypertension, and blood pressure responses to spironolactone or amiloride: the PATHWAY-2 mechanisms substudies. *Lancet Diabetes and Endocrinology,the*, **2018**, 6, 464-475	18.1	126
180	Genomewide association study using a high-density single nucleotide polymorphism array and case-control design identifies a novel essential hypertension susceptibility locus in the promoter region of endothelial NO synthase. *Hypertension*, **2012**, 59, 248-55	8.5	124
179	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. *Nature Genetics*, **2019**, 51, 1459-1474	36.3	122
178	Directional dominance on stature and cognition in diverse human populations. *Nature*, **2015**, 523, 459-462	30.4	119
177	Loci influencing blood pressure identified using a cardiovascular gene-centric array. *Human Molecular Genetics*, **2013**, 22, 1663-78	5.6	119
176	Variants in the fetal genome near FLT1 are associated with risk of preeclampsia. *Nature Genetics*, **2017**, 49, 1255-1260	36.3	118
175	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. *Nature Communications*, **2017**, 8, 14977	17.4	105
174	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. *American Journal of Human Genetics*, **2011**, 88, 6-18	11	103
173	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. *PLoS Genetics*, **2017**, 13, e1006528	6	103
172	Resting heart rate pattern during follow-up and mortality in hypertensive patients. *Hypertension*, **2010**, 55, 567-74	8.5	101
171	Meta-analysis of genome-wide association studies identifies six new Loci for serum calcium concentrations. *PLoS Genetics*, **2013**, 9, e1003796	6	100
170	Genetic basis of blood pressure and hypertension. *Trends in Genetics*, **2012**, 28, 397-408	8.5	99
169	Genetic variation at CHRNA5-CHRNA3-CHRNB4 interacts with smoking status to influence body mass index. *International Journal of Epidemiology*, **2011**, 40, 1617-28	7.8	92
168	Cardiac Troponin T and Troponin I in the General Population. *Circulation*, **2019**, 139, 2754-2764	16.7	90
167	Systems genetics identifies a convergent gene network for cognition and neurodevelopmental disease. *Nature Neuroscience*, **2016**, 19, 223-32	25.5	88

166	Genetic Evidence for a Link Between Favorable Adiposity and Lower Risk of Type 2 Diabetes, Hypertension, and Heart Disease. *Diabetes*, **2016**, 65, 2448-60	0.9	86
165	Exploration of haplotype research consortium imputation for genome-wide association studies in 20,032 Generation Scotland participants. *Genome Medicine*, **2017**, 9, 23	14.4	85
164	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. *Hypertension*, **2017**,	8.5	85
163	Genetic variation at the SLC23A1 locus is associated with circulating concentrations of L-ascorbic acid (vitamin C): evidence from 5 independent studies with >15,000 participants. *American Journal of Clinical Nutrition*, **2010**, 92, 375-82	7	84
162	Validation of uromodulin as a candidate gene for human essential hypertension. *Hypertension*, **2014** , 63, 551-8	8.5	83
161	Large-scale GWAS identifies multiple loci for hand grip strength providing biological insights into muscular fitness. *Nature Communications*, **2017**, 8, 16015	17.4	80
160	Sixteen new lung function signals identified through 1000 Genomes Project reference panel imputation. *Nature Communications*, **2015**, 6, 8658	17.4	79
159	Genomic association analysis of common variants influencing antihypertensive response to hydrochlorothiazide. *Hypertension*, **2013**, 62, 391-7	8.5	79
158	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. *American Journal of Human Genetics*, **2012**, 90, 1116-1117	11	78
157	52 Genetic Loci Influencing Myocardial Mass. *Journal of the American College of Cardiology*, **2016**, 68, 1435-1448	15.1	76
156	No Evidence of a Common DNA Variant Profile Specific to World Class Endurance Athletes. *PLoS ONE*, **2016**, 11, e0147330	3.7	74
155	Allopurinol and Cardiovascular Outcomes in Adults With Hypertension. *Hypertension*, **2016**, 67, 535-40	8.5	72
154	Effect of amiloride, or amiloride plus hydrochlorothiazide, versus hydrochlorothiazide on glucose tolerance and blood pressure (PATHWAY-3): a parallel-group, double-blind randomised phase 4 trial. *Lancet Diabetes and Endocrinology,the*, **2016**, 4, 136-47	18.1	72
153	Effect of Smoking on Blood Pressure and Resting Heart Rate: A Mendelian Randomization Meta-Analysis in the CARTA Consortium. *Circulation: Cardiovascular Genetics*, **2015**, 8, 832-41		70
152	The Y chromosome effect on blood pressure in two European populations. *Hypertension*, **2002**, 39, 353-6	8.5	70
151	Long-term and ultra long-term blood pressure variability during follow-up and mortality in 14,522 patients with hypertension. *Hypertension*, **2013**, 62, 698-705	8.5	68
150	Monotherapy With Major Antihypertensive Drug Classes and Risk of Hospital Admissions for Mood Disorders. *Hypertension*, **2016**, 68, 1132-1138	8.5	68
149	Adult height, coronary heart disease and stroke: a multi-locus Mendelian randomization meta-analysis. *International Journal of Epidemiology*, **2016**, 45, 1927-1937	7.8	65

148	Metabolomic identification of a novel pathway of blood pressure regulation involving hexadecanedioate. *Hypertension*, **2015**, 66, 422-9	8.5	63
147	Comparison between High-Sensitivity Cardiac Troponin T and Cardiac Troponin I in a Large General Population Cohort. *Clinical Chemistry*, **2018**, 64, 1607-1616	5.5	61
146	Towards Precision Medicine for Hypertension: A Review of Genomic, Epigenomic, and Microbiomic Effects on Blood Pressure in Experimental Rat Models and Humans. *Physiological Reviews*, **2017**, 97, 1469-1528	47.9	60
145	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. *American Journal of Human Genetics*, **2018**, 102, 375-400	11	59
144	Combination Therapy Is Superior to Sequential Monotherapy for the Initial Treatment of Hypertension: A Double-Blind Randomized Controlled Trial. *Journal of the American Heart Association*, **2017**, 6,	6	57
143	Serum chloride is an independent predictor of mortality in hypertensive patients. *Hypertension*, **2013**, 62, 836-43	8.5	51
142	Implications of discoveries from genome-wide association studies in current cardiovascular practice. *World Journal of Cardiology*, **2011**, 3, 230-47	2.1	50
141	The hidden hand of chloride in hypertension. *Pflugers Archiv European Journal of Physiology*, **2015**, 467, 595-603	4.6	48
140	Genetics of hypertension: from experimental animals to humans. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2010**, 1802, 1299-308	6.9	47
139	The trans-ancestral genomic architecture of glycemic traits. *Nature Genetics*, **2021**, 53, 840-860	36.3	44
138	Elevated heart rate and cardiovascular outcomes in patients with coronary artery disease: clinical evidence and pathophysiological mechanisms. *Atherosclerosis*, **2010**, 212, 1-8	3.1	42
137	Associations of autozygosity with a broad range of human phenotypes. *Nature Communications*, **2019**, 10, 4957	17.4	40
136	Stratification by smoking status reveals an association of CHRNA5-A3-B4 genotype with body mass index in never smokers. *PLoS Genetics*, **2014**, 10, e1004799	6	40
135	Blood pressure response to patterns of weather fluctuations and effect on mortality. *Hypertension*, **2013**, 62, 190-6	8.5	40
134	Chronic pain, depression and cardiovascular disease linked through a shared genetic predisposition: Analysis of a family-based cohort and twin study. *PLoS ONE*, **2017**, 12, e0170653	3.7	40
133	PR interval genome-wide association meta-analysis identifies 50 loci associated with atrial and atrioventricular electrical activity. *Nature Communications*, **2018**, 9, 2904	17.4	39
132	Heavier smoking may lead to a relative increase in waist circumference: evidence for a causal relationship from a Mendelian randomisation meta-analysis. The CARTA consortium. *BMJ Open*, **2015**, 5, e008808	3	39
131	Allopurinol initiation and change in blood pressure in older adults with hypertension. *Hypertension*, **2014**, 64, 1102-7	8.5	38

130	Familial and phenotypic associations of the aldosterone Renin ratio. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 4324-33	5.6	38
129	Metabolomic study of carotid-femoral pulse-wave velocity in women. *Journal of Hypertension*, **2015**, 33, 791-6; discussion 796	1.9	36
128	Genomics of elite sporting performance: what little we know and necessary advances. *Advances in Genetics*, **2013**, 84, 123-49	3.3	36
127	Genomics of hypertension: the road to precision medicine. *Nature Reviews Cardiology*, **2021**, 18, 235-250	14.8	34
126	Unsupervised Discovery and Comparison of Structural Families Across Multiple Samples in Untargeted Metabolomics. *Analytical Chemistry*, **2017**, 89, 7569-7577	7.8	33
125	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. *PLoS ONE*, **2018**, 13, e0198166	3.7	31
124	Common polymorphisms in the CYP11B1 and CYP11B2 genes: evidence for a digenic influence on hypertension. *Hypertension*, **2013**, 61, 232-9	8.5	31
123	Serum uric acid level, longitudinal blood pressure, renal function, and long-term mortality in treated hypertensive patients. *Hypertension*, **2013**, 62, 105-11	8.5	31
122	Chromosome 2p shows significant linkage to antihypertensive response in the British Genetics of Hypertension Study. *Hypertension*, **2006**, 47, 603-8	8.5	31
121	The effects of sex and method of blood pressure measurement on genetic associations with blood pressure in the PAMELA study. *Journal of Hypertension*, **2010**, 28, 465-77	1.9	30
120	Glutathione S-transferase variants and hypertension. *Journal of Hypertension*, **2008**, 26, 1343-52	1.9	30
119	Genetic dysregulation of endothelin-1 is implicated in coronary microvascular dysfunction. *European Heart Journal*, **2020**, 41, 3239-3252	9.5	29
118	PTPRD gene associated with blood pressure response to atenolol and resistant hypertension. *Journal of Hypertension*, **2015**, 33, 2278-85	1.9	29
117	Hypertension and genome-wide association studies: combining high fidelity phenotyping and hypercontrols. *Journal of Hypertension*, **2008**, 26, 1275-81	1.9	29
116	Uromodulin, an emerging novel pathway for blood pressure regulation and hypertension. *Hypertension*, **2014**, 64, 918-23	8.5	28
115	Meta-analysis of 49 549 individuals imputed with the 1000 Genomes Project reveals an exonic damaging variant in ANGPTL4 determining fasting TG levels. *Journal of Medical Genetics*, **2016**, 53, 441-9	5.8	27
114	Shared Genetics and Couple-Associated Environment Are Major Contributors to the Risk of Both Clinical and Self-Declared Depression. *EBioMedicine*, **2016**, 14, 161-167	8.8	26
113	Pharmacogenomic association of nonsynonymous SNPs in SIGLEC12, A1BG, and the selectin region and cardiovascular outcomes. *Hypertension*, **2013**, 62, 48-54	8.5	26

112	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. *Nature Genetics*, **2020**, 52, 1314-1332	36.3	26
111	A Combined Pathway and Regional Heritability Analysis Indicates NETRIN1 Pathway Is Associated With Major Depressive Disorder. *Biological Psychiatry*, **2017**, 81, 336-346	7.9	25
110	Exome-chip meta-analysis identifies novel loci associated with cardiac conduction, including ADAMTS6. *Genome Biology*, **2018**, 19, 87	18.3	25
109	Genome-Wide and Gene-Based Meta-Analyses Identify Novel Loci Influencing Blood Pressure Response to Hydrochlorothiazide. *Hypertension*, **2017**, 69, 51-59	8.5	25
108	Hematocrit predicts long-term mortality in a nonlinear and sex-specific manner in hypertensive adults. *Hypertension*, **2012**, 60, 631-8	8.5	25
107	Fibroblast growth factor 1 gene and hypertension: from the quantitative trait locus to positional analysis. *Circulation*, **2007**, 116, 1915-24	16.7	25
106	Resting heart rate and outcomes in patients with cardiovascular disease: where do we currently stand?. *Cardiovascular Therapeutics*, **2013**, 31, 215-23	3.3	24
105	Genome-wide association study of antidepressant treatment resistance in a population-based cohort using health service prescription data and meta-analysis with GENDEP. *Pharmacogenomics Journal*, **2020**, 20, 329-341	3.5	24
104	Rare coding variants and X-linked loci associated with age at menarche. *Nature Communications*, **2015**, 6, 7756	17.4	23
103	Family history of premature cardiovascular disease: blood pressure control and long-term mortality outcomes in hypertensive patients. *European Heart Journal*, **2014**, 35, 563-70	9.5	23
102	Gene-centric meta-analyses for central adiposity traits in up to 57 412 individuals of European descent confirm known loci and reveal several novel associations. *Human Molecular Genetics*, **2014**, 23, 2498-510	5.6	22
101	Four genetic loci influencing electrocardiographic indices of left ventricular hypertrophy. *Circulation: Cardiovascular Genetics*, **2011**, 4, 626-35		22
100	Genetics and hypertension: is it time to change my practice?. *Canadian Journal of Cardiology*, **2012**, 28, 296-304	3.8	21
99	Polygenic risk for alcohol dependence associates with alcohol consumption, cognitive function and social deprivation in a population-based cohort. *Addiction Biology*, **2016**, 21, 469-80	4.6	21
98	Discontinuation of beta-blockers in cardiovascular disease: UK primary care cohort study. *International Journal of Cardiology*, **2013**, 167, 2695-9	3.2	20
97	Investigating shared aetiology between type 2 diabetes and major depressive disorder in a population based cohort. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2017**, 174, 227-234	3.5	20
96	TET2 and CSMD1 genes affect SBP response to hydrochlorothiazide in never-treated essential hypertensives. *Journal of Hypertension*, **2015**, 33, 1301-9	1.9	20
95	Genomics and Precision Medicine for Clinicians and Scientists in Hypertension. *Hypertension*, **2017**, 69, e10-e13	8.5	19

94	A PROgramme of Lifestyle Intervention in Families for Cardiovascular risk reduction (PROLIFIC Study): design and rationale of a family based randomized controlled trial in individuals with family history of premature coronary heart disease. *BMC Public Health*, **2017**, 17, 10	4.1	19
93	Acetaminophen use and risk of myocardial infarction and stroke in a hypertensive cohort. *Hypertension*, **2015**, 65, 1008-14	8.5	18
92	Exome-wide analysis of rare coding variation identifies novel associations with COPD and airflow limitation in MOCS3, IFIT3 and SERPINA12. *Thorax*, **2016**, 71, 501-9	7.3	18
91	Diastolic Blood Pressure J-Curve Phenomenon in a Tertiary-Care Hypertension Clinic. *Hypertension*, **2019**, 74, 767-775	8.5	18
90	Longitudinal Blood Pressure Control, Long-Term Mortality, and Predictive Utility of Serum Liver Enzymes and Bilirubin in Hypertensive Patients. *Hypertension*, **2015**, 66, 37-43	8.5	18
89	Discovery of novel heart rate-associated loci using the Exome Chip. *Human Molecular Genetics*, **2017**, 26, 2346-2363	5.6	17
88	Genome-wide Regional Heritability Mapping Identifies a Locus Within the TOX2 Gene Associated With Major Depressive Disorder. *Biological Psychiatry*, **2017**, 82, 312-321	7.9	17
87	Novel Urinary Peptidomic Classifier Predicts Incident Heart Failure. *Journal of the American Heart Association*, **2017**, 6,	6	17
86	Urinary antihypertensive drug metabolite screening using molecular networking coupled to high-resolution mass spectrometry fragmentation. *Metabolomics*, **2016**, 12, 125	4.7	17
85	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. *Nature Communications*, **2020**, 11, 2542	17.4	16
84	Genomic approaches to coronary artery disease. *Indian Journal of Medical Research*, **2010**, 132, 567-78	2.9	16
83	An Empirical Comparison of Joint and Stratified Frameworks for Studying G E Interactions: Systolic Blood Pressure and Smoking in the CHARGE Gene-Lifestyle Interactions Working Group. *Genetic Epidemiology*, **2016**, 40, 404-15	2.6	15
82	Rationale and design of the British Heart Foundation (BHF) Coronary Microvascular Angina (CorMicA) stratified medicine clinical trial. *American Heart Journal*, **2018**, 201, 86-94	4.9	14
81	Heritability analyses show visit-to-visit blood pressure variability reflects different pathological phenotypes in younger and older adults: evidence from UK twins. *Journal of Hypertension*, **2013**, 31, 2356-61	1.9	14
80	Acetaminophen use and change in blood pressure in a hypertensive population. *Journal of Hypertension*, **2013**, 31, 1485-90; discussion 1490	1.9	14
79	Association between ADRA1A gene and the metabolic syndrome: candidate genes and functional counterpart in the PAMELA population. *Journal of Hypertension*, **2011**, 29, 1121-7	1.9	14
78	ExomeChip-Wide Analysis of 95 626 Individuals Identifies 10 Novel Loci Associated With QT and JT Intervals. *Circulation Genomic and Precision Medicine*, **2018**, 11, e001758	5.2	14
77	Genomics of hypertension. *Pharmacological Research*, **2017**, 121, 219-229	10.2	13

76	Risk of Neuropsychiatric Adverse Effects of Lipid-Lowering Drugs: A Mendelian Randomization Study. *International Journal of Neuropsychopharmacology*, **2018**, 21, 1067-1075	5.8	13
75	Gene and environmental interactions according to the components of lifestyle modifications in hypertension guidelines. *Environmental Health and Preventive Medicine*, **2019**, 24, 19	4.2	12
74	Variation in the SLC23A1 gene does not influence cardiometabolic outcomes to the extent expected given its association with L-ascorbic acid. *American Journal of Clinical Nutrition*, **2015**, 101, 202-9	7	12
73	Effects of Calcium, Magnesium, and Potassium Concentrations on Ventricular Repolarization in Unselected Individuals. *Journal of the American College of Cardiology*, **2019**, 73, 3118-3131	15.1	12
72	Rationale and design of the Medical Research Council's Precision Medicine with Zibotentan in Microvascular Angina (PRIZE) trial. *American Heart Journal*, **2020**, 229, 70-80	4.9	12
71	Genomics of Blood Pressure and Hypertension: Extending the Mosaic Theory Toward Stratification. *Canadian Journal of Cardiology*, **2020**, 36, 694-705	3.8	11
70	Genetic and environmental determinants of stressful life events and their overlap with depression and neuroticism. *Wellcome Open Research*, **2018**, 3, 11	4.8	11
69	Common and Rare Coding Genetic Variation Underlying the Electrocardiographic PR Interval. *Circulation Genomic and Precision Medicine*, **2018**, 11, e002037	5.2	11
68	Contrasting mortality risks among subgroups of treated hypertensive patients developing new-onset diabetes. *European Heart Journal*, **2016**, 37, 968-74	9.5	10
67	Recent Findings in the Genetics of Blood Pressure: How to Apply in Practice or Is a Moonshot Required?. *Current Hypertension Reports*, **2018**, 20, 54	4.7	9
66	Pharmacogenomics and Stratified Medicine **2014**, 3-25		9
65	The Pharmacogenomics of Anti-Hypertensive Therapy. *Pharmaceuticals*, **2010**, 3, 1779-1791	5.2	9
64	The genetics of cardiovascular disease. *Trends in Endocrinology and Metabolism*, **2008**, 19, 309-16	8.8	9
63	Development, Evaluation, and Comparison of Land Use Regression Modeling Methods to Estimate Residential Exposure to Nitrogen Dioxide in a Cohort Study. *Environmental Science & Technology*, **2016**, 50, 11085-11093	10.3	9
62	The relationship between antihypertensive medications and mood disorders: analysis of linked healthcare data for 1.8 million patients. *Psychological Medicine*, **2021**, 51, 1183-1191	6.9	9
61	Gene Variants at Loci Related to Blood Pressure Account for Variation in Response to Antihypertensive Drugs Between Black and White Individuals. *Hypertension*, **2019**, 74, 614-622	8.5	8
60	Phenome-wide association analysis of LDL-cholesterol lowering genetic variants in PCSK9. *BMC Cardiovascular Disorders*, **2019**, 19, 240	2.3	8
59	Pharmacokinetic Pharmacogenomics **2014**, 341-364		8

58	Genome-wide association studies of hypertension: light at the end of the tunnel. *International Journal of Hypertension*, **2010**, 2010, 509581	2.4	8
57	Genetic comorbidity between major depression and cardio-metabolic traits, stratified by age at onset of major depression. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2020**, 183, 309-330	3.5	8
56	Impact of major depression on cardiovascular outcomes for individuals with hypertension: prospective survival analysis in UK Biobank. *BMJ Open*, **2019**, 9, e024433	3	8
55	A randomized controlled crossover trial evaluating differential responses to antihypertensive drugs (used as mono- or dual therapy) on the basis of ethnicity: The comparIsoN oF Optimal Hypertension RegiMens; part of the Ancestry Informative Markers in HYpertension program-AIM-HY INFORM trial. *American Heart Journal*, **2018**, 204, 102-108	4.9	8
54	Insulin resistance: Genetic associations with depression and cognition in population based cohorts. *Experimental Neurology*, **2019**, 316, 20-26	5.7	7
53	Urine Metabolomics in Hypertension Research. *Methods in Molecular Biology*, **2017**, 1527, 61-68	1.4	6
52	Genomic Determinants of Hypertension With a Focus on Metabolomics and the Gut Microbiome. *American Journal of Hypertension*, **2020**, 33, 473-481	2.3	6
51	Age at Menarche and Cardiometabolic Health: A Sibling Analysis in the Scottish Family Health Study. *Journal of the American Heart Association*, **2018**, 7,	6	6
50	Association between serum phosphate and calcium, long-term blood pressure, and mortality in treated hypertensive adults. *Journal of Hypertension*, **2015**, 33, 2046-53	1.9	6
49	Evaluation of how gene-job strain interaction affects blood pressure in the PAMELA study. *Psychosomatic Medicine*, **2011**, 73, 304-9	3.7	6
48	Molecular pathways associated with blood pressure and hexadecanedioate levels. *PLoS ONE*, **2017**, 12, e0175479	3.7	6
47	Artificial Intelligence in Hypertension: Seeing Through a Glass Darkly. *Circulation Research*, **2021**, 128, 1100-1118	15.7	6
46	Salt stress in the renal tubules is linked to TAL-specific expression of uromodulin and an upregulation of heat shock genes. *Physiological Genomics*, **2018**, 50, 964-972	3.6	6
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