

Maciej Tomaszewski

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.

124
papers

9,923
citations

42
h-index

99
g-index

145
ext. papers

13,009
ext. citations

9.3
avg, IF

5.55
L-index

#	Paper	IF	Citations
124	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , 2011 , 478, 103-9	50.4	1564
123	Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. <i>Nature Genetics</i> , 2011 , 43, 333-8	36.3	1394
122	COVID-19 and the cardiovascular system: implications for risk assessment, diagnosis, and treatment options. <i>Cardiovascular Research</i> , 2020 , 116, 1666-1687	9.9	714
121	2020 International Society of Hypertension Global Hypertension Practice Guidelines. <i>Hypertension</i> , 2020 , 75, 1334-1357	8.5	628
120	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018 , 50, 1412-1425	36.3	386
119	Association analyses based on false discovery rate implicate new loci for coronary artery disease. <i>Nature Genetics</i> , 2017 , 49, 1385-1391	36.3	361
118	Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. <i>Nature Genetics</i> , 2017 , 49, 403-415	36.3	313
117	MicroRNAs in cardiovascular disease: an introduction for clinicians. <i>Heart</i> , 2015 , 101, 921-8	5.1	293
116	High rates of non-adherence to antihypertensive treatment revealed by high-performance liquid chromatography-tandem mass spectrometry (HP LC-MS/MS) urine analysis. <i>Heart</i> , 2014 , 100, 855-61	5.1	243
115	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. <i>Nature Genetics</i> , 2016 , 48, 1151-1161	36.3	181
114	Gene expression profiling reveals renin mRNA overexpression in human hypertensive kidneys and a role for microRNAs. <i>Hypertension</i> , 2011 , 58, 1093-8	8.5	171
113	May Measurement Month 2017: an analysis of blood pressure screening results worldwide. <i>The Lancet Global Health</i> , 2018 , 6, e736-e743	13.6	166
112	2020 International Society of Hypertension global hypertension practice guidelines. <i>Journal of Hypertension</i> , 2020 , 38, 982-1004	1.9	158
111	May Measurement Month 2018: a pragmatic global screening campaign to raise awareness of blood pressure by the International Society of Hypertension. <i>European Heart Journal</i> , 2019 , 40, 2006-2017	9.5	145
110	Inheritance of coronary artery disease in men: an analysis of the role of the Y chromosome. <i>Lancet</i> , 2012 , 379, 915-922	40	145
109	Blood pressure loci identified with a gene-centric array. <i>American Journal of Human Genetics</i> , 2011 , 89, 688-700	11	137
108	Gene-centric meta-analysis in 87,736 individuals of European ancestry identifies multiple blood-pressure-related loci. <i>American Journal of Human Genetics</i> , 2014 , 94, 349-60	11	131

107	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015 , 523, 459-462	10.4	119
106	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. <i>American Journal of Human Genetics</i> , 2011 , 88, 6-18	11	103
105	May Measurement Month 2019: The Global Blood Pressure Screening Campaign of the International Society of Hypertension. <i>Hypertension</i> , 2020 , 76, 333-341	8.5	99
104	Risk Factors for Nonadherence to Antihypertensive Treatment. <i>Hypertension</i> , 2017 , 69, 1113-1120	8.5	95
103	Common variants in genes underlying monogenic hypertension and hypotension and blood pressure in the general population. <i>Hypertension</i> , 2008 , 51, 1658-64	8.5	95
102	Biochemical Screening for Nonadherence Is Associated With Blood Pressure Reduction and Improvement in Adherence. <i>Hypertension</i> , 2017 , 70, 1042-1048	8.5	81
101	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. <i>American Journal of Human Genetics</i> , 2012 , 90, 1116-1117	11	78
100	Causal association between periodontitis and hypertension: evidence from Mendelian randomization and a randomized controlled trial of non-surgical periodontal therapy. <i>European Heart Journal</i> , 2019 , 40, 3459-3470	9.5	77
99	Heritability of early repolarization: a population-based study. <i>Circulation: Cardiovascular Genetics</i> , 2011 , 4, 134-8		72
98	The Y chromosome effect on blood pressure in two European populations. <i>Hypertension</i> , 2002 , 39, 353-68	8.5	70
97	Longer leukocyte telomeres are associated with ultra-endurance exercise independent of cardiovascular risk factors. <i>PLoS ONE</i> , 2013 , 8, e69377	3.7	69
96	The novel genetic variant predisposing to coronary artery disease in the region of the PSRC1 and CELSR2 genes on chromosome 1 associates with serum cholesterol. <i>Journal of Molecular Medicine</i> , 2008 , 86, 1233-41	5.5	69
95	Strikingly low circulating CRP concentrations in ultramarathon runners independent of markers of adiposity: how low can you go?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 1640-4	9.4	69
94	Body mass index is negatively associated with telomere length: a collaborative cross-sectional meta-analysis of 87 observational studies. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 453-475	7	69
93	Dense genotyping of candidate gene loci identifies variants associated with high-density lipoprotein cholesterol. <i>Circulation: Cardiovascular Genetics</i> , 2011 , 4, 145-55		66
92	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	65
91	Essential hypertension and beta2-adrenergic receptor gene: linkage and association analysis. <i>Hypertension</i> , 2002 , 40, 286-91	8.5	65
90	Genetic architecture of ambulatory blood pressure in the general population: insights from cardiovascular gene-centric array. <i>Hypertension</i> , 2010 , 56, 1069-76	8.5	59

89	White Blood Cells and Blood Pressure: A Mendelian Randomization Study. <i>Circulation</i> , 2020 , 141, 1307-1317	13.7	58
88	Association of the human Y chromosome with cholesterol levels in the general population. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 308-12	9.4	58
87	The Y chromosome: a blueprint for men's health?. <i>European Journal of Human Genetics</i> , 2017 , 25, 1181-1188	13.9	54
86	Trans-ethnic kidney function association study reveals putative causal genes and effects on kidney-specific disease aetiologies. <i>Nature Communications</i> , 2019 , 10, 29	17.4	51
85	How to Screen for Non-Adherence to Antihypertensive Therapy. <i>Current Hypertension Reports</i> , 2016 , 18, 89	4.7	47
84	Gender and effects of a common genetic variant in the NOS1 regulator NOS1AP on cardiac repolarization in 3761 individuals from two independent populations. <i>International Journal of Epidemiology</i> , 2008 , 37, 1132-41	7.8	47
83	Male-specific region of the Y chromosome and cardiovascular risk: phylogenetic analysis and gene expression studies. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1722-7	9.4	46
82	The personal genome--the future of personalised medicine?. <i>Lancet, The</i> , 2010 , 375, 1497-8	4.0	39
81	Signatures of miR-181a on the Renal Transcriptome and Blood Pressure. <i>Molecular Medicine</i> , 2015 , 21, 739-748	6.2	35
80	Y is there a risk to being male?. <i>Trends in Endocrinology and Metabolism</i> , 2003 , 14, 163-8	8.8	35
79	Circulating microRNAs and hypertension--from new insights into blood pressure regulation to biomarkers of cardiovascular risk. <i>Current Opinion in Pharmacology</i> , 2016 , 27, 1-7	5.1	34
78	Loss of Y Chromosome in Blood Is Associated With Major Cardiovascular Events During Follow-Up in Men After Carotid Endarterectomy. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10, e001544		34
77	A common variant in low-density lipoprotein receptor-related protein 6 gene (LRP6) is associated with LDL-cholesterol. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1316-21	9.4	33
76	Molecular insights into genome-wide association studies of chronic kidney disease-defining traits. <i>Nature Communications</i> , 2018 , 9, 4800	17.4	32
75	Large-scale candidate gene analysis of HDL particle features. <i>PLoS ONE</i> , 2011 , 6, e14529	3.7	31
74	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. <i>Nature Genetics</i> , 2020 , 52, 1314-1332	36.3	26
73	Uncovering genetic mechanisms of kidney aging through transcriptomics, genomics, and epigenomics. <i>Kidney International</i> , 2019 , 95, 624-635	9.9	26
72	Runs of Homozygosity: Association with Coronary Artery Disease and Gene Expression in Monocytes and Macrophages. <i>American Journal of Human Genetics</i> , 2015 , 97, 228-37	11	25

71	Genetic associations with lipoprotein subfractions provide information on their biological nature. <i>Human Molecular Genetics</i> , 2012 , 21, 1433-43	5.6	25
70	Fibroblast growth factor 1 gene and hypertension: from the quantitative trait locus to positional analysis. <i>Circulation</i> , 2007 , 116, 1915-24	16.7	25
69	Pathway analysis shows association between FGF21 and hypertension. <i>Journal of the American Society of Nephrology: JASN</i> , 2011 , 22, 947-55	12.7	23
68	Binding of SARS-CoV-2 and angiotensin-converting enzyme 2: clinical implications. <i>Cardiovascular Research</i> , 2020 , 116, e87-e89	9.9	23
67	Four genetic loci influencing electrocardiographic indices of left ventricular hypertrophy. <i>Circulation: Cardiovascular Genetics</i> , 2011 , 4, 626-35		22
66	Hypertension and renin-angiotensin system blockers are not associated with expression of angiotensin-converting enzyme 2 (ACE2) in the kidney. <i>European Heart Journal</i> , 2020 , 41, 4580-4588	9.5	22
65	Association between lipid profile and circulating concentrations of estrogens in young men. <i>Atherosclerosis</i> , 2009 , 203, 257-62	3.1	20
64	Measurement of absolute copy number variation reveals association with essential hypertension. <i>BMC Medical Genomics</i> , 2014 , 7, 44	3.7	19
63	Epistatic interaction between beta2-adrenergic receptor and neuropeptide Y genes influences LDL-cholesterol in hypertension. <i>Hypertension</i> , 2004 , 44, 689-94	8.5	19
62	Serum C-reactive protein and lipids in ultra-Marathon runners. <i>American Journal of Cardiology</i> , 2004 , 94, 125-6	3	19
61	Sexual dimorphism of abdominal aortic aneurysms: a striking example of "male disadvantage" in cardiovascular disease. <i>Atherosclerosis</i> , 2012 , 225, 22-8	3.1	18
60	FGF21 signalling pathway and metabolic traits - genetic association analysis. <i>European Journal of Human Genetics</i> , 2010 , 18, 1344-8	5.3	18
59	Whole genome survey of copy number variation in the spontaneously hypertensive rat: relationship to quantitative trait loci, gene expression, and blood pressure. <i>Hypertension</i> , 2010 , 55, 1231-8	8.5	18
58	A Novel Y-Specific Long Non-Coding RNA Associated with Cellular Lipid Accumulation in HepG2 cells and Atherosclerosis-related Genes. <i>Scientific Reports</i> , 2017 , 7, 16710	4.9	17
57	Corcoran Lecture. Cardiovascular genomics and oxidative stress. <i>Hypertension</i> , 2005 , 45, 636-42	8.5	17
56	May Measurement Month: a new joint global initiative by the International Society of Hypertension and the World Hypertension League to raise awareness of raised blood pressure. <i>Journal of Hypertension</i> , 2017 , 35, 1126-1128	1.9	16
55	A call to action for new global approaches to cardiovascular disease drug solutions. <i>European Heart Journal</i> , 2021 , 42, 1464-1475	9.5	16
54	Human Y Chromosome Exerts Pleiotropic Effects on Susceptibility to Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 2386-2401	9.4	15

53	The epithelial sodium channel β subunit gene and blood pressure: family based association, renal gene expression, and physiological analyses. <i>Hypertension</i> , 2011 , 58, 1073-8	8.5	15
52	Aortic augmentation index in endurance athletes: a role for cardiorespiratory fitness. <i>European Journal of Applied Physiology</i> , 2016 , 116, 1537-44	3.4	15
51	Cost-Utility of an Objective Biochemical Measure to Improve Adherence to Antihypertensive Treatment. <i>Hypertension</i> , 2018 , 72, 1117-1124	8.5	15
50	Coronary artery disease predisposing haplogroup I of the Y chromosome, aggression and sex steroids--genetic association analysis. <i>Atherosclerosis</i> , 2014 , 233, 160-4	3.1	14
49	Analysis with the exome array identifies multiple new independent variants in lipid loci. <i>Human Molecular Genetics</i> , 2016 , 25, 4094-4106	5.6	14
48	Prevention of coronary heart disease in primary medical care in Poland: results from the LIPIDOGRAM study. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2011 , 18, 287-96		13
47	Renal Mechanisms of Association between Fibroblast Growth Factor 1 and Blood Pressure. <i>Journal of the American Society of Nephrology: JASN</i> , 2015 , 26, 3151-60	12.7	12
46	Integration of genetics into a systems model of electrocardiographic traits using HumanCVD BeadChip. <i>Circulation: Cardiovascular Genetics</i> , 2012 , 5, 630-8		12
45	Are the American Heart Association/American College of Cardiology High Blood Pressure Guidelines Fit for Global Purpose?: Thoughts From the International Society of Hypertension. <i>Hypertension</i> , 2018 , 72, 260-262	8.5	12
44	Tick-Tock Chimes the Kidney Clock - from Biology of Renal Ageing to Clinical Applications. <i>Kidney and Blood Pressure Research</i> , 2018 , 43, 55-67	3.1	10
43	Urotensin-II system in genetic control of blood pressure and renal function. <i>PLoS ONE</i> , 2013 , 8, e83137	3.7	10
42	Inverse associations between androgens and renal function: the Young Men Cardiovascular Association (YMCA) study. <i>American Journal of Hypertension</i> , 2009 , 22, 100-5	2.3	10
41	Selected climatic variables and blood pressure in Central European patients with chronic renal failure on haemodialysis treatment. <i>Blood Pressure</i> , 2005 , 14, 86-92	1.7	10
40	Antihypertensive Medication Adherence and Confirmation of True Refractory Hypertension. <i>Hypertension</i> , 2020 , 75, 510-515	8.5	10
39	Masked Uncontrolled Hypertension Is Not Attributable to Medication Nonadherence. <i>Hypertension</i> , 2019 , 74, 652-659	8.5	8
38	Analysis of gene-gene interactions among common variants in candidate cardiovascular genes in coronary artery disease. <i>PLoS ONE</i> , 2015 , 10, e0117684	3.7	8
37	The relation of rapid changes in obesity measures to lipid profile - insights from a nationwide metabolic health survey in 444 Polish cities. <i>PLoS ONE</i> , 2014 , 9, e86837	3.7	8
36	Genetic information in the diagnosis and treatment of hypertension. <i>Current Hypertension Reports</i> , 2006 , 8, 309-16	4.7	8

35	A Call to Action for New Global Approaches to Cardiovascular Disease Drug Solutions. <i>Circulation</i> , 2021 , 144, 159-169	16.7	8
34	Adherence to prescribed medications in patients with heart failure: insights from liquid chromatography-tandem mass spectrometry-based urine analysis. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2021 , 7, 296-301	6.4	7
33	The prevalence of cardiovascular risk factors and cardiovascular disease among primary care patients in Poland: results from the LIPIDOGRAM2015 study. <i>Atherosclerosis Supplements</i> , 2020 , 42, e15-e24	1.7	7
32	Nonadherence in Hypertension: How to Develop and Implement Chemical Adherence Testing. <i>Hypertension</i> , 2022 , 79, 12-23	8.5	6
31	Periodontal therapy and treatment of hypertension-alternative to the pharmacological approach. A systematic review and meta-analysis. <i>Pharmacological Research</i> , 2021 , 166, 105511	10.2	6
30	Genetic variation within the Y chromosome is not associated with histological characteristics of the atherosclerotic carotid artery or aneurysmal wall. <i>Atherosclerosis</i> , 2017 , 259, 114-119	3.1	5
29	Uncovering genetic mechanisms of hypertension through multi-omic analysis of the kidney. <i>Nature Genetics</i> , 2021 , 53, 630-637	36.3	5
28	Do we know more about hypertension in Poland after the May Measurement Month 2017?-Europe. <i>European Heart Journal Supplements</i> , 2019 , 21, D97-D100	1.5	4
27	May Measurement Month 2017: an analysis of blood pressure screening results from the United Kingdom and the Republic of Ireland-Europe. <i>European Heart Journal Supplements</i> , 2019 , 21, D121-D123	1.5	3
26	Two further blood pressure loci identified in ion channel genes with a gene-centric approach. <i>Circulation: Cardiovascular Genetics</i> , 2014 , 7, 873-9		3
25	Design and rationale of a nationwide screening analysis from the LIPIDOGRAM2015 and LIPIDOGEN2015 studies.. <i>Archives of Medical Science</i> , 2022 , 18, 604-616	2.9	3
24	Therapeutic targeting of inflammation in hypertension: from novel mechanisms to translational perspective. <i>Cardiovascular Research</i> , 2021 , 117, 2589-2609	9.9	3
23	Epigenome-wide association study of kidney function identifies trans-ethnic and ethnic-specific loci. <i>Genome Medicine</i> , 2021 , 13, 74	14.4	3
22	A multi-omics glimpse into the biology of arterial stiffness. <i>Journal of Hypertension</i> , 2016 , 34, 32-5	1.9	2
21	Functional significance of single nucleotide polymorphisms within the 5'-flanking region of beta2-adrenergic receptor gene. <i>Journal of Hypertension</i> , 2006 , 24, 2473-4; author reply 2474-6	1.9	2
20	Transient anuria in a patient with chronic renal failure and liver affection after a single oral dose of diclofenac. <i>Nephron</i> , 2001 , 88, 287-8	3.3	2
19	Measurements of Antihypertensive Medications in Blood and Urine. <i>Updates in Hypertension and Cardiovascular Protection</i> , 2018 , 29-41	0.1	2
18	Subdividing Y-chromosome haplogroup R1a1 reveals Norse Viking dispersal lineages in Britain. <i>European Journal of Human Genetics</i> , 2021 , 29, 512-523	5.3	2

17	Prospective meta-analysis protocol on randomised trials of renin-angiotensin system inhibitors in patients with COVID-19: an initiative of the International Society of Hypertension. <i>BMJ Open</i> , 2021 , 11, e043625	3	2
16	Variation in human herpesvirus 6B telomeric integration, excision, and transmission between tissues and individuals. <i>ELife</i> , 2021 , 10,	8.9	2
15	Inheritance of coronary artery disease in men [Authors]reply. <i>Lancet, The</i> , 2012 , 379, 2425	40	1
14	Should audiorecordings be used in the assessment of adherence to antihypertensive medication?. <i>International Journal of Cardiology</i> , 2001 , 81, 85-6	3.2	1
13	Obesity as a cause of kidney disease [Insights from Mendelian randomisation studies		1
12	Analysis of the impact of sex and age on the variation in the prevalence of antinuclear autoantibodies in Polish population: a nationwide observational, cross-sectional study. <i>Rheumatology International</i> , 2021 , 1	3.6	1
11	May Measurement Month 2018: an analysis of blood pressure screening results from the UK and the Republic of Ireland. <i>European Heart Journal Supplements</i> , 2020 , 22, H132-H134	1.5	1
10	May Measurement Month 2019: an analysis of blood pressure screening results from Poland. <i>European Heart Journal Supplements</i> , 2021 , 23, B124-B127	1.5	1
9	Plasma Proteomics of Renal Function: A Trans-ethnic Meta-analysis and Mendelian Randomization Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 ,	12.7	1
8	ISH Hypertension Future Leaders Group: a network for new investigators run by new investigators. <i>Journal of Hypertension</i> , 2011 , 29, 1664-5	1.9	0
7	Genes, circadian clock and nocturnal blood pressure. <i>Journal of Hypertension</i> , 2009 , 27, 2344-5	1.9	0
6	Letter re: Inflammation and lipoprotein changes with protracted exercise. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 4981	5.6	0
5	May Measurement Month 2019: an analysis of blood pressure screening results from the United Kingdom and Republic of Ireland. <i>European Heart Journal Supplements</i> , 2021 , 23, B147-B150	1.5	0
4	Analysis of the association between rs12917707 and rs11864909 single nucleotide polymorphisms in the region of the uromodulin gene and chronic kidney disease - a family-based study. <i>Annals of Agricultural and Environmental Medicine</i> , 2017 , 24, 464-466	1.4	
3	Relationship Between Anti-DFS70 Autoantibodies and Oxidative Stress.. <i>Biomarker Insights</i> , 2022 , 17, 11772719211066791	3.5	
2	Reply. <i>Journal of Hypertension</i> , 2020 , 38, 2339-2340	1.9	
1	Reply. <i>Journal of Hypertension</i> , 2021 , 39, 813-814	1.9	