Anna Dominiczak

List of Publications by Citations

383 papers	58,243 citations	99 h-index	239 g-index
422 ext. papers	68,003 ext. citations	8.8 avg, IF	6.82 L-index

#	Paper	IF	Citations
383	2007 Guidelines for the Management of Arterial Hypertension: The Task Force for the Management of Arterial Hypertension of the European Society of Hypertension (ESH) and of the European Society of Cardiology (ESC). *Journal of Hypertension*, **2007**, 25, 1105-87	1.9	3825
382	2018 ESC/ESH Guidelines for the management of arterial hypertension. *European Heart Journal*, **2018**, 39, 3021-3104	9.5	3698
381	2013 ESH/ESC guidelines for the management of arterial hypertension: the Task Force for the Management of Arterial Hypertension of the European Society of Hypertension (ESH) and of the European Society of Cardiology (ESC). *European Heart Journal*, **2013**, 34, 2159-219	9.5	3400
380	2013 ESH/ESC Guidelines for the management of arterial hypertension: the Task Force for the management of arterial hypertension of the European Society of Hypertension (ESH) and of the European Society of Cardiology (ESC). *Journal of Hypertension*, **2013**, 31, 1281-357	1.9	3363
379	Biological, clinical and population relevance of 95 loci for blood lipids. *Nature*, **2010**, 466, 707-13	50.4	2742
378	Genetic studies of body mass index yield new insights for obesity biology. *Nature*, **2015**, 518, 197-206	50.4	2687
377	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. *Nature* , **2011**, 478, 103-9	50.4	1564
376	Hundreds of variants clustered in genomic loci and biological pathways affect human height. *Nature*, **2010**, 467, 832-8	50.4	1514
375	2007 Guidelines for the management of arterial hypertension: The Task Force for the Management of Arterial Hypertension of the European Society of Hypertension (ESH) and of the European Society of Cardiology (ESC). *European Heart Journal*, **2007**, 28, 1462-536	9.5	1418
374	2018 ESC/ESH Guidelines for the management of arterial hypertension: The Task Force for the management of arterial hypertension of the European Society of Cardiology and the European Society of Hypertension: The Task Force for the management of arterial hypertension of the European Society of Cardiology and the European Society of Hypertension. *Journal of Hypertension*,	1.9	1262
373	Association scan of 14,500 nonsynonymous SNPs in four diseases identifies autoimmunity variants. *Nature Genetics*, **2007**, 39, 1329-37	36.3	1130
372	Reappraisal of European guidelines on hypertension management: a European Society of Hypertension Task Force document. *Journal of Hypertension*, **2009**, 27, 2121-58	1.9	1004
371	Genome-wide association study identifies eight loci associated with blood pressure. *Nature Genetics*, **2009**, 41, 666-76	36.3	970
370	2007 ESH-ESC Practice Guidelines for the Management of Arterial Hypertension: ESH-ESC Task Force on the Management of Arterial Hypertension. *Journal of Hypertension*, **2007**, 25, 1751-62	1.9	871
369	The UK10K project identifies rare variants in health and disease. *Nature*, **2015**, 526, 82-90	50.4	776
368	Large-scale discovery of novel genetic causes of developmental disorders. *Nature*, **2015**, 519, 223-8	50.4	706
367	Genome-wide association analysis identifies 20 loci that influence adult height. *Nature Genetics*, **2008**, 40, 575-83	36.3	654

366	Genome-wide association study of CNVs in 16,000 cases of eight common diseases and 3,000 shared controls. *Nature*, **2010**, 464, 713-20	50.4	639
365	2013 Practice guidelines for the management of arterial hypertension of the European Society of Hypertension (ESH) and the European Society of Cardiology (ESC): ESH/ESC Task Force for the Management of Arterial Hypertension. *Journal of Hypertension*, **2013**, 31, 1925-38	1.9	635
364	2016 European Society of Hypertension guidelines for the management of high blood pressure in children and adolescents. *Journal of Hypertension*, **2016**, 34, 1887-920	1.9	582
363	Meta-analysis and imputation refines the association of 15q25 with smoking quantity. *Nature Genetics*, **2010**, 42, 436-40	36.3	521
362	Meta-analysis of 28,141 individuals identifies common variants within five new loci that influence uric acid concentrations. *PLoS Genetics*, **2009**, 5, e1000504	6	495
361	Mutations in the gene encoding the 3′-5′ DNA exonuclease TREX1 are associated with systemic lupus erythematosus. *Nature Genetics*, **2007**, 39, 1065-7	36.3	483
360	2013 ESH/ESC Practice Guidelines for the Management of Arterial Hypertension. *Blood Pressure*, **2014**, 23, 3-16	1.7	474
359	Mendelian randomization of blood lipids for coronary heart disease. *European Heart Journal*, **2015**, 36, 539-50	9.5	417
358	Association between alcohol and cardiovascular disease: Mendelian randomisation analysis based on individual participant data. *BMJ, The*, **2014**, 349, g4164	5.9	406
357	Genome-wide association scan meta-analysis identifies three Loci influencing adiposity and fat distribution. *PLoS Genetics*, **2009**, 5, e1000508	6	393
356	Superoxide excess in hypertension and aging: a common cause of endothelial dysfunction. *Hypertension*, **2001**, 37, 529-34	8.5	379
355	2018 Practice Guidelines for the management of arterial hypertension of the European Society of Hypertension and the European Society of Cardiology: ESH/ESC Task Force for the Management of Arterial Hypertension. *Journal of Hypertension*, **2018**, 36, 2284-2309	1.9	372
354	Superoxide anion production is increased in a model of genetic hypertension: role of the endothelium. *Hypertension*, **1999**, 33, 1353-8	8.5	364
353	Genome-wide association study identifies genes for biomarkers of cardiovascular disease: serum urate and dyslipidemia. *American Journal of Human Genetics*, **2008**, 82, 139-49	11	361
352	Naturally occurring human urinary peptides for use in diagnosis of chronic kidney disease. *Molecular and Cellular Proteomics*, **2010**, 9, 2424-37	7.6	352
351	Timing, rates and spectra of human germline mutation. *Nature Genetics*, **2016**, 48, 126-133	36.3	338
350	Effect of renal-artery stenting on progression of renovascular renal failure. *Lancet, The*, **1997**, 349, 1133-6	4	333
349	Exome-wide association study of plasma lipids in >300,000 individuals. *Nature Genetics*, **2017**, 49, 1758-1766	36.3	310

348	Gender-linked hypertension in offspring of lard-fed pregnant rats. *Hypertension*, **2003**, 41, 168-75	8.5	307
347	Hypertension. *Nature Reviews Disease Primers*, **2018**, 4, 18014	51.1	305
346	2013 ESH/ESC Guidelines for the Management of Arterial Hypertension. *Blood Pressure*, **2013**, 22, 193-278	1.7	286
345	Endothelial function in hypertension: the role of superoxide anion. *Hypertension*, **1999**, 34, 539-45	8.5	282
344	Serum uric acid and the risk of cardiovascular and renal disease. *Journal of Hypertension*, **2015**, 33, 1729-41; discussion 1741	1.9	267
343	Investigation into the sources of superoxide in human blood vessels: angiotensin II increases superoxide production in human internal mammary arteries. *Circulation*, **2000**, 101, 2206-12	16.7	266
342	Mitochondria-targeted antioxidant MitoQ10 improves endothelial function and attenuates cardiac hypertrophy. *Hypertension*, **2009**, 54, 322-8	8.5	260
341	Seventy-five genetic loci influencing the human red blood cell. *Nature*, **2012**, 492, 369-75	50.4	257
340	Genome-wide association study of blood pressure extremes identifies variant near UMOD associated with hypertension. *PLoS Genetics*, **2010**, 6, e1001177	6	255
339	SLC2A9 is a high-capacity urate transporter in humans. *PLoS Medicine*, **2008**, 5, e197	11.6	254
338	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. *Nature Genetics*, **2016**, 48, 1171-1184	36.3	251
337	Common variants in 22 loci are associated with QRS duration and cardiac ventricular conduction. *Nature Genetics*, **2010**, 42, 1068-76	36.3	249
336	2007 ESH-ESC Guidelines for the management of arterial hypertension: the task force for the management of arterial hypertension of the European Society of Hypertension (ESH) and of the European Society of Cardiology (ESC). *Blood Pressure*, **2007**, 16, 135-232	1.7	247
335	Cohort Profile: Generation Scotland: Scottish Family Health Study (GS:SFHS). The study, its participants and their potential for genetic research on health and illness. *International Journal of Epidemiology*, **2013**, 42, 689-700	7.8	237
334	Recommendations for biomarker identification and qualification in clinical proteomics. *Science Translational Medicine*, **2010**, 2, 46ps42	17.5	237
333	Clinical proteomics: A need to define the field and to begin to set adequate standards. *Proteomics - Clinical Applications*, **2007**, 1, 148-56	3.1	237
332	Progress and prospects in rat genetics: a community view. *Nature Genetics*, **2008**, 40, 516-22	36.3	234
331	A genome-wide association study of anorexia nervosa. *Molecular Psychiatry*, **2014**, 19, 1085-94	15.1	224

330	Genome-wide mapping of human loci for essential hypertension. *Lancet, The*, **2003**, 361, 2118-23	40	216
329	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
328	Genetic loci influencing kidney function and chronic kidney disease. *Nature Genetics*, **2010**, 42, 373-5	36.3	205
327	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. *Nature Genetics*, **2014**, 46, 826-36	36.3	199
326	Role of superoxide in the depressed nitric oxide production by the endothelium of genetically hypertensive rats. *Hypertension*, **1995**, 26, 854-7	8.5	198
325	Body fluid proteomics for biomarker discovery: lessons from the past hold the key to success in the future. *Journal of Proteome Research*, **2007**, 6, 4549-55	5.6	191
324	Large-scale gene-centric meta-analysis across 32 studies identifies multiple lipid loci. *American Journal of Human Genetics*, **2012**, 91, 823-38	11	189
323	Sensitivity to cerebral ischaemic insult in a rat model of stroke is determined by a single genetic locus. *Nature Genetics*, **1997**, 16, 364-7	36.3	188
322	Reappraisal of European guidelines on hypertension management: a European Society of Hypertension Task Force document. *Blood Pressure*, **2009**, 18, 308-47	1.7	186
321	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. *Nature Genetics*, **2016**, 48, 1151-1161	36.3	181
320	Obesity paradox in a cohort of 4880 consecutive patients undergoing percutaneous coronary intervention. *European Heart Journal*, **2010**, 31, 222-6	9.5	173
319	Urinary proteomic biomarkers in coronary artery disease. *Molecular and Cellular Proteomics*, **2008**, 7, 290-8	7.6	170
318	Genetic and molecular aspects of hypertension. *Circulation Research*, **2015**, 116, 937-59	15.7	165
317	CE-MS analysis of the human urinary proteome for biomarker discovery and disease diagnostics. *Proteomics - Clinical Applications*, **2008**, 2, 964	3.1	165
316	Glomerular hyperfiltration: a new marker of metabolic risk. *Kidney International*, **2007**, 71, 816-21	9.9	165
315	Generation Scotland: the Scottish Family Health Study; a new resource for researching genes and heritability. *BMC Medical Genetics*, **2006**, 7, 74	2.1	164
314	Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. *American Journal of Human Genetics*, **2009**, 85, 628-42	11	163
313	Capillary electrophoresis-mass spectrometry as a powerful tool in biomarker discovery and clinical diagnosis: an update of recent developments. *Mass Spectrometry Reviews*, **2009**, 28, 703-24	11	162

312	Copy-number disorders are a common cause of congenital kidney malformations. *American Journal of Human Genetics*, **2012**, 91, 987-97	11	161
311	Genome-wide scan identifies CDH13 as a novel susceptibility locus contributing to blood pressure determination in two European populations. *Human Molecular Genetics*, **2009**, 18, 2288-96	5.6	154
310	Strategies to reduce oxidative stress in cardiovascular disease. *Clinical Science*, **2004**, 106, 219-34	6.5	152
309	Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. *Human Molecular Genetics*, **2011**, 20, 2273-84	5.6	146
308	NAD(P)H oxidase inhibition improves endothelial function in rat and human blood vessels. *Hypertension*, **2002**, 40, 755-62	8.5	146
307	Inheritance of coronary artery disease in men: an analysis of the role of the Y chromosome. *Lancet, The*, **2012**, 379, 915-922	40	145
306	Blood pressure loci identified with a gene-centric array. *American Journal of Human Genetics*, **2011**, 89, 688-700	11	137
305	2018 Practice Guidelines for the management of arterial hypertension of the European Society of Cardiology and the European Society of Hypertension. *Blood Pressure*, **2018**, 27, 314-340	1.7	132
304	Implementation of proteomic biomarkers: making it work. *European Journal of Clinical Investigation*, **2012**, 42, 1027-36	4.6	131
303	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
302	Combined sequence-based and genetic mapping analysis of complex traits in outbred rats. *Nature Genetics*, **2013**, 45, 767-75	36.3	131
301	Genome sequencing reveals loci under artificial selection that underlie disease phenotypes in the laboratory rat. *Cell*, **2013**, 154, 691-703	56.2	127
300	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
299	Ablating adenovirus type 5 fiber-CAR binding and HI loop insertion of the SIGYPLP peptide generate an endothelial cell-selective adenovirus. *Molecular Therapy*, **2001**, 4, 534-42	11.7	121
298	Variants in the fetal genome near FLT1 are associated with risk of preeclampsia. *Nature Genetics*, **2017**, 49, 1255-1260	36.3	118
297	Urinary proteomics for prediction of preeclampsia. *Hypertension*, **2011**, 57, 561-9	8.5	114
296	Effect of five genetic variants associated with lung function on the risk of chronic obstructive lung disease, and their joint effects on lung function. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 184, 786-95	10.2	112
295	Oxidative stress and vascular damage in hypertension. *Current Opinion in Nephrology and Hypertension*, **2001**, 10, 247-55	3.5	109

294	Novel biomarkers for predicting preeclampsia. *Trends in Cardiovascular Medicine*, **2008**, 18, 186-94	6.9	108
293	Genetic and gender influences on sensitivity to focal cerebral ischemia in the stroke-prone spontaneously hypertensive rat. *Hypertension*, **1999**, 33, 681-5	8.5	108
292	Nitric oxide and its putative role in hypertension. *Hypertension*, **1995**, 25, 1202-11	8.5	108
291	Gene expression profiling in whole blood of patients with coronary artery disease. *Clinical Science*, **2010**, 119, 335-43	6.5	106
290	Better blood pressure control: how to combine drugs. *Journal of Human Hypertension*, **2003**, 17, 81-6	2.6	104
289	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
288	Resting heart rate pattern during follow-up and mortality in hypertensive patients. *Hypertension*, **2010**, 55, 567-74	8.5	101
287	Genetic basis of blood pressure and hypertension. *Trends in Genetics*, **2012**, 28, 397-408	8.5	99
286	Urinary proteomic diagnosis of coronary artery disease: identification and clinical validation in 623 individuals. *Journal of Hypertension*, **2010**, 28, 2316-22	1.9	99
285	Brain aromatase expression after experimental stroke: topography and time course. *Journal of Steroid Biochemistry and Molecular Biology*, **2005**, 96, 89-91	5.1	94
284	miR-21 and miR-214 are consistently modulated during renal injury in rodent models. *American Journal of Pathology*, **2011**, 179, 661-72	5.8	91
283	Targeting 160 candidate genes for blood pressure regulation with a genome-wide genotyping array. *PLoS ONE*, **2009**, 4, e6034	3.7	89
282	Evaluation of urine proteome pattern analysis for its potential to reflect coronary artery atherosclerosis in symptomatic patients. *Journal of Proteome Research*, **2009**, 8, 335-45	5.6	87
281	Genes and hypertension: from gene mapping in experimental models to vascular gene transfer strategies. *Hypertension*, **2000**, 35, 164-72	8.5	87
280	Quantitative trait loci in genetically hypertensive rats. Possible sex specificity. *Hypertension*, **1996**, 28, 898-906	8.5	85
279	Preeclampsia and future maternal health. *Journal of Hypertension*, **2010**, 28, 1349-55	1.9	84
278	Blood pressure and blood selenium: a cross-sectional and longitudinal population study. *European Heart Journal*, **2007**, 28, 628-33	9.5	84
277	Validation of uromodulin as a candidate gene for human essential hypertension. *Hypertension*, **2014**, 63, 551-8	8.5	83

276	Haplotypes of the WNK1 gene associate with blood pressure variation in a severely hypertensive population from the British Genetics of Hypertension study. *Human Molecular Genetics*, **2005**, 14, 1805-14	5.6	82
275	Genomic association analysis of common variants influencing antihypertensive response to hydrochlorothiazide. *Hypertension*, **2013**, 62, 391-7	8.5	79
274	Analysis of cell-specific promoters for viral gene therapy targeted at the vascular endothelium. *Hypertension*, **2001**, 38, 65-70	8.5	79
273	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
272	Angiotensin-(1-9) attenuates cardiac fibrosis in the stroke-prone spontaneously hypertensive rat via the angiotensin type 2 receptor. *Hypertension*, **2012**, 59, 300-7	8.5	77
271	52 Genetic Loci Influencing Myocardial Mass. *Journal of the American College of Cardiology*, **2016**, 68, 1435-1448	15.1	76
270	Epidemiology and Heritability of Major Depressive Disorder, Stratified by Age of Onset, Sex, and Illness Course in Generation Scotland: Scottish Family Health Study (GS:SFHS). *PLoS ONE*, **2015**, 10, e0142197	3.7	75
269	Allopurinol and Cardiovascular Outcomes in Adults With Hypertension. *Hypertension*, **2016**, 67, 535-40	8.5	72
268	Applicability of a "speed" congenic strategy to dissect blood pressure quantitative trait loci on rat chromosome 2. *Hypertension*, **2000**, 35, 179-87	8.5	71
267	Renal, cardiovascular and hormonal characteristics of young adults with autosomal dominant polycystic kidney disease. *Kidney International*, **1991**, 40, 501-8	9.9	71
266	Microarray analysis of rat chromosome 2 congenic strains. *Hypertension*, **2003**, 41, 847-53	8.5	70
265	The Y chromosome effect on blood pressure in two European populations. *Hypertension*, **2002**, 39, 353-6	8.5	70
264	Sex differences in the abundance of endothelial nitric oxide in a model of genetic hypertension. *Hypertension*, **1997**, 30, 1517-24	8.5	70
263	Strikingly low circulating CRP concentrations in ultramarathon runners independent of markers of adiposity: how low can you go?. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2003**, 23, 1640-4	9.4	69
262	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
261	Differences in the evolution of the ischemic penumbra in stroke-prone spontaneously hypertensive and Wistar-Kyoto rats. *Stroke*, **2009**, 40, 3864-8	6.7	68
260	Plasma angiotensin II, predisposition to hypertension, and left ventricular size in healthy young adults. *Circulation*, **1996**, 93, 1148-54	16.7	68
259	Monotherapy With Major Antihypertensive Drug Classes and Risk of Hospital Admissions for Mood Disorders. *Hypertension*, **2016**, 68, 1132-1138	8.5	68

258	Reversal of endothelial dysfunction reduces white matter vulnerability in cerebral small vessel disease in rats. *Science Translational Medicine*, **2018**, 10,	17.5	66
257	Genome-wide association study of age-related macular degeneration identifies associated variants in the TNXB-FKBPL-NOTCH4 region of chromosome 6p21.3. *Human Molecular Genetics*, **2012**, 21, 4138-50	5.6	66
256	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
255	Essential hypertension and beta2-adrenergic receptor gene: linkage and association analysis. *Hypertension*, **2002**, 40, 286-91	8.5	65
254	Metabolomic identification of a novel pathway of blood pressure regulation involving hexadecanedioate. *Hypertension*, **2015**, 66, 422-9	8.5	63
253	A resource for the simultaneous high-resolution mapping of multiple quantitative trait loci in rats: the NIH heterogeneous stock. *Genome Research*, **2009**, 19, 150-8	9.7	63
252	Cellular aspects of vascular remodeling in hypertension revealed by confocal microscopy. *Hypertension*, **1997**, 30, 1455-64	8.5	63
251	Reduction of Gstm1 expression in the stroke-prone spontaneously hypertension rat contributes to increased oxidative stress. *Hypertension*, **2005**, 45, 786-92	8.5	62
250	Blood pressure in genetically hypertensive rats. Influence of the Y chromosome. *Hypertension*, **1995**, 26, 452-9	8.5	61
249	Telemetry for cardiovascular monitoring in a pharmacological study: new approaches to data analysis. *Hypertension*, **1999**, 33, 248-55	8.5	59
248	Association of the human Y chromosome with cholesterol levels in the general population. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2004**, 24, 308-12	9.4	58
247	Heritability of chronic pain in 2195 extended families. *European Journal of Pain*, **2012**, 16, 1053-63	3.7	57
246	Effects of nitric oxide and superoxide on relaxation in human artery and vein. *Atherosclerosis*, **1997**, 133, 77-86	3.1	56
245	Blood pressure and LDL-cholesterol targets for prevention of recurrent strokes and cognitive decline in the hypertensive patient: design of the European Society of Hypertension-Chinese Hypertension League Stroke in Hypertension Optimal Treatment randomized trial. *Journal of Hypertension*, **2014**, 32, 1888-97	1.9	55
244	Eligibility for renal denervation: experience at 11 European expert centers. *Hypertension*, **2014**, 63, 1319-25	8.5	55
243	Growth hormone deficiency and vascular risk. *Clinical Endocrinology*, **2002**, 57, 11-24	3.4	54
242	Irbesartan lowers superoxide levels and increases nitric oxide bioavailability in blood vessels from spontaneously hypertensive stroke-prone rats. *Journal of Hypertension*, **2002**, 20, 281-6	1.9	53
241	The technical report on sodium intake and cardiovascular disease in low- and middle-income countries by the joint working group of the World Heart Federation, the European Society of Hypertension and the European Public Health Association. *European Heart Journal*, **2017**, 38, 712-719	9.5	52

240	Effects of long-term averaging of quantitative blood pressure traits on the detection of genetic associations. *American Journal of Human Genetics*, **2014**, 95, 49-65	11	52
239	Differential effects of 17beta-estradiol upon stroke damage in stroke prone and normotensive rats. *Journal of Cerebral Blood Flow and Metabolism*, **2004**, 24, 298-304	7.3	52
238	Targeting endothelial cells with adenovirus expressing nitric oxide synthase prevents elevation of blood pressure in stroke-prone spontaneously hypertensive rats. *Molecular Therapy*, **2005**, 12, 321-7	11.7	52
237	Serum chloride is an independent predictor of mortality in hypertensive patients. *Hypertension*, **2013**, 62, 836-43	8.5	51
236	Mitochondrial reactive oxygen species enhance AMP-activated protein kinase activation in the endothelium of patients with coronary artery disease and diabetes. *Clinical Science*, **2013**, 124, 403-11	6.5	51
235	Common genetic variation near the phospholamban gene is associated with cardiac repolarisation: meta-analysis of three genome-wide association studies. *PLoS ONE*, **2009**, 4, e6138	3.7	50
234	Genetics of hypertension: from experimental animals to humans. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2010**, 1802, 1299-308	6.9	47
233	Two-dimensional genome-scan identifies novel epistatic loci for essential hypertension. *Human Molecular Genetics*, **2006**, 15, 1365-74	5.6	47
232	Myogenic and structural properties of cerebral arteries from the stroke-prone spontaneously hypertensive rat. *American Journal of Physiology - Heart and Circulatory Physiology*, **2003**, 285, H1489-94	5.2	47
231	Blood pressure, left ventricular mass and intracellular calcium in primary hyperparathyroidism. *Clinical Science*, **1990**, 78, 127-32	6.5	47
230	Targeting reactive oxygen species in hypertension. *Antioxidants and Redox Signaling*, **2008**, 10, 1061-77	8.4	46
229	Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. *Molecular Psychiatry*, **2020**, 25, 2392-2409	15.1	45
228	Low-density lipoprotein cholesterol determines oxidative stress and endothelial dysfunction in saphenous veins from patients with coronary artery disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2006**, 26, 218-23	9.4	44
227	Characterization of the microglial response to cerebral ischemia in the stroke-prone spontaneously hypertensive rat. *Hypertension*, **2001**, 38, 116-22	8.5	44
226	Urinary collagen fragments are significantly altered in diabetes: a link to pathophysiology. *PLoS ONE*, **2010**, 5, e13051	3.7	44
225	Cardiovascular risk factors associated with the metabolic syndrome are more prevalent in people reporting chronic pain: results from a cross-sectional general population study. *Pain*, **2013**, 154, 1595-1602	8	43
224	Investigation of estrogen status and increased stroke sensitivity on cerebral blood flow after a focal ischemic insult. *Journal of Cerebral Blood Flow and Metabolism*, **2000**, 20, 931-6	7.3	43
223	Biomarker-based phenotyping of myocardial fibrosis identifies patients with heart failure with preserved ejection fraction resistant to the beneficial effects of spironolactone: results from the Aldo-DHF trial. *European Journal of Heart Failure*, **2018**, 20, 1290-1299	12.3	42

222	Combined therapeutic benefit of mitochondria-targeted antioxidant, MitoQ10, and angiotensin receptor blocker, losartan, on cardiovascular function. *Journal of Hypertension*, **2014**, 32, 555-64	1.9	42
221	Pedigree and genotyping quality analyses of over 10,000 DNA samples from the Generation Scotland: Scottish Family Health Study. *BMC Medical Genetics*, **2013**, 14, 38	2.1	41
220	Candidate genes that determine response to salt in the stroke-prone spontaneously hypertensive rat: congenic analysis. *Hypertension*, **2007**, 50, 1134-41	8.5	41
219	Blood pressure response to patterns of weather fluctuations and effect on mortality. *Hypertension*, **2013**, 62, 190-6	8.5	40
218	Gene transfer of endothelial nitric oxide synthase improves nitric oxide-dependent endothelial function in a hypertensive rat model. *Cardiovascular Research*, **1999**, 43, 798-807	9.9	40
217	Confocal microscopic characterization of a lesion in a cerebral vessel of the stroke-prone spontaneously hypertensive rat. *Stroke*, **1996**, 27, 1118-22; discussion 1122-3	6.7	40
216	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. *American Journal of Epidemiology*, **2019**, 188, 1033-1054	3.8	39
215	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
214	Targeted genetic testing for familial hypercholesterolaemia using next generation sequencing: a population-based study. *BMC Medical Genetics*, **2014**, 15, 70	2.1	39
213	Mosaic structural variation in children with developmental disorders. *Human Molecular Genetics*, **2015**, 24, 2733-45	5.6	39
212	Allopurinol initiation and change in blood pressure in older adults with hypertension. *Hypertension*, **2014**, 64, 1102-7	8.5	38
211	Lateral diffusion and fatty acid composition in vascular smooth muscle membrane from stroke-prone spontaneously hypertensive rats. *American Journal of Hypertension*, **1993**, 6, 1003-8	2.3	38
210	Susceptibility to cerebral infarction in the stroke-prone spontaneously hypertensive rat is inherited as a dominant trait. *Stroke*, **1998**, 29, 690-4	6.7	38
209	Molecular-based mechanisms of Mendelian forms of salt-dependent hypertension: questioning the prevailing theory. *Hypertension*, **2015**, 65, 932-41	8.5	37
208	Reciprocal consomic strains to evaluate y chromosome effects. *Hypertension*, **2001**, 37, 391-7	8.5	37
207	Genes encoding atrial and brain natriuretic peptides as candidates for sensitivity to brain ischemia in stroke-prone hypertensive rats. *Hypertension*, **1999**, 33, 290-7	8.5	37
206	Polymorphisms in the WNK1 gene are associated with blood pressure variation and urinary potassium excretion. *PLoS ONE*, **2009**, 4, e5003	3.7	36
205	Onset of experimental severe cardiac fibrosis is mediated by overexpression of Angiotensin-converting enzyme 2. *Hypertension*, **2009**, 53, 694-700	8.5	36

204	Polymorphic variation in the 11beta-hydroxylase gene associates with reduced 11-hydroxylase efficiency. *Hypertension*, **2007**, 49, 113-9	8.5	35
203	Y is there a risk to being male?. *Trends in Endocrinology and Metabolism*, **2003**, 14, 163-8	8.8	35
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12	Not the usual cause of superior vena cava obstruction. *Scottish Medical Journal*, **2001**, 46, 51-2	1.8	
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10	A Gene Transfer Strategy to Manipulate Nitric Oxide in the Vasculature of a Hypertensive Rat Model. *Biochemical Society Transactions*, **1999**, 27, A149-A149	5.1	
9	Intravascular haemolysis and acute renal failure induced by nomifensine. *Scottish Medical Journal*, **1986**, 31, 242-3	1.8	
8	Blood brain barrier impairment in the stroke-prone spontaneously hypertensive rat (SHRSP) 28 days after stroke. *Journal of Cerebral Blood Flow and Metabolism*, **2005**, 25, S257-S257	7.3	
7	Evaluation of the systemic micro- and macrovasculature in stable angina: A case-control study. *PLoS ONE*, **2017**, 12, e0178412	3.7	

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5	Genetics and Hypertension: Which Information for Clinical Practice **2012**, 439-452	
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3	Evaluating transition in Turner syndrome in the West of Scotland. *Journal of Pediatric Endocrinology and Metabolism*, **2021**, 34, 473-477	1.6
2	Professor Anthony Fairclough Lever. *Hypertension*, **2018**, 72, 254-255	8.5
1	Rare Disease Leading to Hypertension.. *Hypertension*, **2022**, HYPERTENSIONAHA12218678	8.5