Anna Dominiczak

List of Publications by Year
in descending order

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408 papers	77,158 citations	1980 101 h-index	528 266 g-index
422 all docs	422 docs citations	422 times ranked	75782 citing authors

#	Article	IF	Citations
1	2018 ESC/ESH Guidelines for the management of arterial hypertension. European Heart Journal, 2018, 39, 3021-3104.	1.0	6,826
2	2013 ESH/ESC Guidelines for the management of arterial hypertension. European Heart Journal, 2013, 34, 2159-2219.	1.0	5,681
3	2007 Guidelines for the Management of Arterial Hypertension. Journal of Hypertension, 2007, 25, 1105-1187.	0.3	4,778
4	2013 ESH/ESC Guidelines for the management of arterial hypertension. Journal of Hypertension, 2013, 31, 1281-1357.	0.3	4,251
5	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	13.7	3,823
6	Biological, clinical and population relevance of 95 loci for blood lipids. Nature, 2010, 466, 707-713.	13.7	3,249
7	2018 ESC/ESH Guidelines for the management of arterial hypertension. Journal of Hypertension, 2018, 36, 1953-2041.	0.3	2,129
8	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. Nature, 2011, 478, 103-109.	13.7	1,855
9	Hundreds of variants clustered in genomic loci and biological pathways affect human height. Nature, 2010, 467, 832-838.	13.7	1,789
10	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, 2006, 28, 1462-1536.	1.0	1,617
11	Association scan of 14,500 nonsynonymous SNPs in four diseases identifies autoimmunity variants. Nature Genetics, 2007, 39, 1329-1337.	9.4	1,298
12	Reappraisal of European guidelines on hypertension management: a European Society of Hypertension Task Force document. Journal of Hypertension, 2009, 27, 2121-2158.	0.3	1,236
13	2007 ESH-ESC Practice Guidelines for the Management of Arterial Hypertension. Journal of Hypertension, 2007, 25, 1751-1762.	0.3	1,152
14	Genome-wide association study identifies eight loci associated with blood pressure. Nature Genetics, 2009, 41, 666-676.	9.4	1,104
15	The UK10K project identifies rare variants in health and disease. Nature, 2015, 526, 82-90.	13.7	1,014
16	Large-scale discovery of novel genetic causes of developmental disorders. Nature, 2015, 519, 223-228.	13.7	998
17	2016 European Society of Hypertension guidelines for the management of high blood pressure in children and adolescents. Journal of Hypertension, 2016, 34, 1887-1920.	0.3	898
18	2013 Practice guidelines for the management of arterial hypertension of the European Society of Hypertension (ESH) and the European Society of Cardiology (ESC). Journal of Hypertension, 2013, 31, 1925-1938.	0.3	789

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19	Genome-wide association analysis identifies 20 loci that influence adult height. Nature Genetics, 2008, 40, 575-583.	9.4	742
20	Genome-wide association study of CNVs in 16,000 cases of eight common diseases and 3,000 shared controls. Nature, 2010, 464, 713-720.	13.7	737
21	2018 Practice Guidelines for the management of arterial hypertension of the European Society of Cardiology and the European Society of Hypertension. Journal of Hypertension, 2018, 36, 2284-2309.	0.3	689
22	Hypertension. Nature Reviews Disease Primers, 2018, 4, 18014.	18.1	636
23	Mutations in the gene encoding the 3â€²-5â€² DNA exonuclease TREX1 are associated with systemic lupus erythematosus. Nature Genetics, 2007, 39, 1065-1067.	9.4	590
24	Meta-analysis and imputation refines the association of 15q25 with smoking quantity. Nature Genetics, 2010, 42, 436-440.	9.4	581
25	Meta-Analysis of 28,141 Individuals Identifies Common Variants within Five New Loci That Influence Uric Acid Concentrations. PLoS Genetics, 2009, 5, e1000504.	1.5	572
26	Mendelian randomization of blood lipids for coronary heart disease. European Heart Journal, 2015, 36, 539-550.	1.0	567
27	2013 ESH/ESC Practice Guidelines for the Management of Arterial Hypertension. Blood Pressure, 2014, 23, 3-16.	0.7	565
28	Association between alcohol and cardiovascular disease: Mendelian randomisation analysis based on individual participant data. BMJ, The, 2014, 349, g4164-g4164.	3.0	528
29	Timing, rates and spectra of human germline mutation. Nature Genetics, 2016, 48, 126-133.	9.4	502
30	Exome-wide association study of plasma lipids in >300,000 individuals. Nature Genetics, 2017, 49, 1758-1766.	9.4	470
31	Genome-Wide Association Scan Meta-Analysis Identifies Three Loci Influencing Adiposity and Fat Distribution. PLoS Genetics, 2009, 5, e1000508.	1.5	453
32	Naturally Occurring Human Urinary Peptides for Use in Diagnosis of Chronic Kidney Disease. Molecular and Cellular Proteomics, 2010, 9, 2424-2437.	2.5	434
33	Superoxide Excess in Hypertension and Aging. Hypertension, 2001, 37, 529-534.	1.3	418
34	Genome-wide Association Study Identifies Genes for Biomarkers of Cardiovascular Disease: Serum Urate and Dyslipidemia. American Journal of Human Genetics, 2008, 82, 139-149.	2.6	397
35	Superoxide Anion Production Is Increased in a Model of Genetic Hypertension. Hypertension, 1999, 33, 1353-1358.	1.3	387
36	Effect of renal-artery stenting on progression of renovascular renal failure. Lancet, The, 1997, 349, 1133-1136.	6.3	370

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37	Serum uric acid and the risk of cardiovascular and renal disease. Journal of Hypertension, 2015, 33, 1729-1741.	0.3	366
38	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. Nature Genetics, 2016, 48, 1171-1184.	9.4	362
39	2013 ESH/ESC Guidelines for the management of arterial hypertension. Blood Pressure, 2013, 22, 193-278.	0.7	355
40	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.	0.9	353
41	Reappraisal of European guidelines on hypertension management: a European Society of Hypertension Task Force document. Blood Pressure, 2009, 18, 308-347.	0.7	351
42	Gender-Linked Hypertension in Offspring of Lard-Fed Pregnant Rats. Hypertension, 2003, 41, 168-175.	1.3	340
43	Seventy-five genetic loci influencing the human red blood cell. Nature, 2012, 492, 369-375.	13.7	320
44	Mitochondria-Targeted Antioxidant MitoQ ₁₀ Improves Endothelial Function and Attenuates Cardiac Hypertrophy. Hypertension, 2009, 54, 322-328.	1.3	319
45	Genome-Wide Association Study of Blood Pressure Extremes Identifies Variant near UMOD Associated with Hypertension. PLoS Genetics, 2010, 6, e1001177.	1.5	312
46	Common variants in 22 loci are associated with QRS duration and cardiac ventricular conduction. Nature Genetics, 2010, 42, 1068-1076.	9.4	308
47	Endothelial Function in Hypertension. Hypertension, 1999, 34, 539-545.	1.3	306
48	SLC2A9 Is a High-Capacity Urate Transporter in Humans. PLoS Medicine, 2008, 5, e197.	3.9	305
49	2007 ESHâ€ESC Guidelines for the management of arterial hypertension. Blood Pressure, 2007, 16, 135-232.	0.7	292
50	Investigation Into the Sources of Superoxide in Human Blood Vessels. Circulation, 2000, 101, 2206-2212.	1.6	287
51	A genome-wide association study of anorexia nervosa. Molecular Psychiatry, 2014, 19, 1085-1094.	4.1	282
52	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. Nature Genetics, 2014, 46, 826-836.	9.4	281
53	Clinical proteomics: A need to define the field and to begin to set adequate standards. Proteomics - Clinical Applications, 2007, 1, 148-156.	0.8	274
54	Recommendations for Biomarker Identification and Qualification in Clinical Proteomics. Science Translational Medicine, 2010, 2, 46ps42.	5.8	273

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55	Progress and prospects in rat genetics: a community view. Nature Genetics, 2008, 40, 516-522.	9.4	265
56	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. Nature Genetics, 2016, 48, 1151-1161.	9.4	261
57	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.	0.7	254
58	Genome-wide mapping of human loci for essential hypertension. Lancet, The, 2003, 361, 2118-2123.	6.3	247
59	Genetic loci influencing kidney function and chronic kidney disease. Nature Genetics, 2010, 42, 373-375.	9.4	246
60	Role of Superoxide in the Depressed Nitric Oxide Production by the Endothelium of Genetically Hypertensive Rats. Hypertension, 1995, 26, 854-857.	1.3	241
61	Large-Scale Gene-Centric Meta-Analysis across 39 Studies Identifies Type 2 Diabetes Loci. American Journal of Human Genetics, 2012, 90, 410-425.	2.6	239
62	Generation Scotland: the Scottish Family Health Study; a new resource for researching genes and heritability. BMC Medical Genetics, 2006, 7, 74.	2.1	227
63	Large-Scale Gene-Centric Meta-analysis across 32 Studies Identifies Multiple Lipid Loci. American Journal of Human Genetics, 2012, 91, 823-838.	2.6	227
64	Genetic and Molecular Aspects of Hypertension. Circulation Research, 2015, 116, 937-959.	2.0	218
65	Body Fluid Proteomics for Biomarker Discovery: Lessons from the Past Hold the Key to Success in the Future. Journal of Proteome Research, 2007, 6, 4549-4555.	1.8	216
66	Variants in the fetal genome near FLT1 are associated with risk of preeclampsia. Nature Genetics, 2017, 49, 1255-1260.	9.4	205
67	Sensitivity to cerebral ischaemic insult in a rat model of stroke is determined by a single genetic locus. Nature Genetics, 1997, 16, 364-367.	9.4	204
68	Copy-Number Disorders Are a Common Cause of Congenital Kidney Malformations. American Journal of Human Genetics, 2012, 91, 987-997.	2.6	201
69	Glomerular hyperfiltration: A new marker of metabolic risk. Kidney International, 2007, 71, 816-821.	2.6	200
70	Urinary Proteomic Biomarkers in Coronary Artery Disease. Molecular and Cellular Proteomics, 2008, 7, 290-298.	2.5	197
71	Obesity paradox in a cohort of 4880 consecutive patients undergoing percutaneous coronary intervention. European Heart Journal, 2010, 31, 222-226.	1.0	197
72	Gene-centric Association Signals for Lipids and Apolipoproteins Identified via the HumanCVD BeadChip. American Journal of Human Genetics, 2009, 85, 628-642.	2.6	183

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73	Inheritance of coronary artery disease in men: an analysis of the role of the Y chromosome. Lancet, The, 2012, 379, 915-922.	6.3	179
74	CEâ€MS analysis of the human urinary proteome for biomarker discovery and disease diagnostics. Proteomics - Clinical Applications, 2008, 2, 964-973.	0.8	178
75	Combined sequence-based and genetic mapping analysis of complex traits in outbred rats. Nature Genetics, 2013, 45, 767-775.	9.4	176
76	Capillary electrophoresisâ€“mass spectrometry as a powerful tool in biomarker discovery and clinical diagnosis: An update of recent developments. Mass Spectrometry Reviews, 2009, 28, 703-724.	2.8	175
77	Strategies to reduce oxidative stress in cardiovascular disease. Clinical Science, 2004, 106, 219-234.	1.8	171
78	Genome-wide scan identifies CDH13 as a novel susceptibility locus contributing to blood pressure determination in two European populations. Human Molecular Genetics, 2009, 18, 2288-2296.	1.4	170
79	Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. Human Molecular Genetics, 2011, 20, 2273-2284.	1.4	168
80	Blood Pressure Loci Identified with a Gene-Centric Array. American Journal of Human Genetics, 2011, 89, 688-700.	2.6	159
81	Gene-centric Meta-analysis in 87,736 Individuals of European Ancestry Identifies Multiple Blood-Pressure-Related Loci. American Journal of Human Genetics, 2014, 94, 349-360.	2.6	158
82	NAD(P)H Oxidase Inhibition Improves Endothelial Function in Rat and Human Blood Vessels. Hypertension, 2002, 40, 755-762.	1.3	156
83	Genome Sequencing Reveals Loci under Artificial Selection that Underlie Disease Phenotypes in the Laboratory Rat. Cell, 2013, 154, 691-703.	13.5	154
84	An Expert Opinion From the European Society of Hypertensionâ€“European Union Geriatric Medicine Society Working Group on the Management of Hypertension in Very Old, Frail Subjects. Hypertension, 2016, 67, 820-825.	1.3	152
85	Implementation of proteomic biomarkers: making it work. European Journal of Clinical Investigation, 2012, 42, 1027-1036.	1.7	151
86	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, 248-255.	1.3	144
87	Better blood pressure control: how to combine drugs. Journal of Human Hypertension, 2003, 17, 81-86.	1.0	135
88	Ablating Adenovirus Type 5 Fiberâ€“CAR Binding and HI Loop Insertion of the SIGYPLP Peptide Generate an Endothelial Cell-Selective Adenovirus. Molecular Therapy, 2001, 4, 534-542.	3.7	134
89	Novel Biomarkers for Predicting Preeclampsia. Trends in Cardiovascular Medicine, 2008, 18, 186-194.	2.3	131
90	Urinary Proteomics for Prediction of Preeclampsia. Hypertension, 2011, 57, 561-569.	1.3	129

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91	Reversal of endothelial dysfunction reduces white matter vulnerability in cerebral small vessel disease in rats. Science Translational Medicine, 2018, 10, .	5.8	129
92	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, 786-795.	2.5	128
93	Nitric Oxide and Its Putative Role in Hypertension. Hypertension, 1995, 25, 1202-1211.	1.3	126
94	Oxidative stress and vascular damage in hypertension. Current Opinion in Nephrology and Hypertension, 2001, 10, 247-255.	1.0	123
95	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. American Journal of Human Genetics, 2011, 88, 6-18.	2.6	122
96	Gene expression profiling in whole blood of patients with coronary artery disease. Clinical Science, 2010, 119, 335-343.	1.8	121
97	Urinary proteomic diagnosis of coronary artery disease: identification and clinical validation in 623 individuals. Journal of Hypertension, 2010, 28, 2316-2322.	0.3	119
98	Resting Heart Rate Pattern During Follow-Up and Mortality in Hypertensive Patients. Hypertension, 2010, 55, 567-574.	1.3	118
99	Genetic basis of blood pressure and hypertension. Trends in Genetics, 2012, 28, 397-408.	2.9	117
100	Preeclampsia and future maternal health. Journal of Hypertension, 2010, 28, 1349-1355.	0.3	115
101	52 Genetic Loci Influencing MyocardialÂMass. Journal of the American College of Cardiology, 2016, 68, 1435-1448.	1.2	113
102	Genetic and Gender Influences on Sensitivity to Focal Cerebral Ischemia in the Stroke-Prone Spontaneously Hypertensive Rat. Hypertension, 1999, 33, 681-685.	1.3	111
103	Brain aromatase expression after experimental stroke: Topography and time course. Journal of Steroid Biochemistry and Molecular Biology, 2005, 96, 89-91.	1.2	105
104	Blood pressure and blood selenium: a cross-sectional and longitudinal population study. European Heart Journal, 2006, 28, 628-633.	1.0	102
105	Genetic predisposition to hypertension is associated with preeclampsia in European and Central Asian women. Nature Communications, 2020, 11, 5976.	5.8	102
106	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.	1.1	101
107	miR-21 and miR-214 Are Consistently Modulated during Renal Injury in Rodent Models. American Journal of Pathology, 2011, 179, 661-672.	1.9	100
108	Validation of Uromodulin as a Candidate Gene for Human Essential Hypertension. Hypertension, 2014, 63, 551-558.	1.3	100

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109	Genomics of hypertension: the road to precision medicine. Nature Reviews Cardiology, 2021, 18, 235-250.	6.1	99
110	Renal, cardiovascular and hormonal characteristics of young adults with autosomal dominant polycystic kidney disease. Kidney International, 1991, 40, 501-508.	2.6	98
111	Targeting 160 Candidate Genes for Blood Pressure Regulation with a Genome-Wide Genotyping Array. PLoS ONE, 2009, 4, e6034.	1.1	98
112	Evaluation of Urine Proteome Pattern Analysis for Its Potential To Reflect Coronary Artery Atherosclerosis in Symptomatic Patients. Journal of Proteome Research, 2009, 8, 335-345.	1.8	98
113	Allopurinol and Cardiovascular Outcomes in Adults With Hypertension. Hypertension, 2016, 67, 535-540.	1.3	98
114	Genes and Hypertension. Hypertension, 2000, 35, 164-172.	1.3	97
115	Monotherapy With Major Antihypertensive Drug Classes and Risk of Hospital Admissions for Mood Disorders. Hypertension, 2016, 68, 1132-1138.	1.3	97
116	Genomic Association Analysis of Common Variants Influencing Antihypertensive Response to Hydrochlorothiazide. Hypertension, 2013, 62, 391-397.	1.3	96
117	Angiotensin-(1-9) Attenuates Cardiac Fibrosis in the Stroke-Prone Spontaneously Hypertensive Rat via the Angiotensin Type 2 Receptor. Hypertension, 2012, 59, 300-307.	1.3	94
118	Adult height, coronary heart disease and stroke: a multi-locus Mendelian randomization meta-analysis. International Journal of Epidemiology, 2016, 45, 1927-1937.	0.9	94
119	Quantitative Trait Loci in Genetically Hypertensive Rats. Hypertension, 1996, 28, 898-906.	1.3	94
120	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, 1805-1814.	1.4	91
121	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. Nature Genetics, 2020, 52, 1314-1332.	9.4	91
122	Analysis of Cell-Specific Promoters for Viral Gene Therapy Targeted at the Vascular Endothelium. Hypertension, 2001, 38, 65-70.	1.3	90
123	Metabolomic Identification of a Novel Pathway of Blood Pressure Regulation Involving Hexadecanedioate. Hypertension, 2015, 66, 422-429.	1.3	90
124	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. American Journal of Epidemiology, 2019, 188, 1033-1054.	1.6	85
125	Sex Differences in the Abundance of Endothelial Nitric Oxide in a Model of Genetic Hypertension. Hypertension, 1997, 30, 1517-1524.	1.3	85
126	Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. Molecular Psychiatry, 2020, 25, 2392-2409.	4.1	83

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127	Strikingly Low Circulating CRP Concentrations in Ultramarathon Runners Independent of Markers of Adiposity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 1640-1644.	1.1	81
128	Long-Term and Ultra Longâ€“Term Blood Pressure Variability During Follow-Up and Mortality in 14 522 Patients With Hypertension. Hypertension, 2013, 62, 698-705.	1.3	81
129	Plasma Angiotensin II, Predisposition to Hypertension, and Left Ventricular Size in Healthy Young Adults. Circulation, 1996, 93, 1148-1154.	1.6	81
130	Genome-wide association study of age-related macular degeneration identifies associated variants in the TNXBâ€“FKBPLâ€“NOTCH4 region of chromosome 6p21.3. Human Molecular Genetics, 2012, 21, 4138-4150.	1.4	80
131	The Y Chromosome Effect on Blood Pressure in Two European Populations. Hypertension, 2002, 39, 353-356.	1.3	78
132	Applicability of a â€œSpeedâ€•Congenic Strategy to Dissect Blood Pressure Quantitative Trait Loci on Rat Chromosome 2. Hypertension, 2000, 35, 179-187.	1.3	76
133	Microarray Analysis of Rat Chromosome 2 Congenic Strains. Hypertension, 2003, 41, 847-853.	1.3	76
134	Differences in the Evolution of the Ischemic Penumbra in Stroke-Prone Spontaneously Hypertensive and Wistar-Kyoto Rats. Stroke, 2009, 40, 3864-3868.	1.0	76
135	Heritability of chronic pain in 2195 extended families. European Journal of Pain, 2012, 16, 1053-1063.	1.4	75
136	Blood Pressure in Genetically Hypertensive Rats. Hypertension, 1995, 26, 452-459.	1.3	75
137	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.	2.6	73
138	Essential Hypertension and Î² 2 -Adrenergic Receptor Gene. Hypertension, 2002, 40, 286-291.	1.3	72
139	A resource for the simultaneous high-resolution mapping of multiple quantitative trait loci in rats: The NIH heterogeneous stock. Genome Research, 2009, 19, 150-158.	2.4	72
140	Cellular Aspects of Vascular Remodeling in Hypertension Revealed by Confocal Microscopy. Hypertension, 1997, 30, 1455-1464.	1.3	72
141	PR interval genome-wide association meta-analysis identifies 50 loci associated with atrial and atrioventricular electrical activity. Nature Communications, 2018, 9, 2904.	5.8	71
142	Growth hormone deficiency and vascular risk. Clinical Endocrinology, 2002, 57, 11-24.	1.2	68
143	Association of the Human Y Chromosome with Cholesterol Levels in the General Population. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 308-312.	1.1	67
144	Reduction of Gstm1 Expression in the Stroke-Prone Spontaneously Hypertension Rat Contributes to Increased Oxidative Stress. Hypertension, 2005, 45, 786-792.	1.3	67

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145	Serum Chloride Is an Independent Predictor of Mortality in Hypertensive Patients. Hypertension, 2013, 62, 836-843.	1.3	67
146	Blood pressure and LDL-cholesterol targets for prevention of recurrent strokes and cognitive decline in the hypertensive patient. Journal of Hypertension, 2014, 32, 1888-1897.	0.3	65
147	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, ehw549.	1.0	65
148	Effects of nitric oxide and superoxide on relaxation in human artery and vein. Atherosclerosis, 1997, 133, 77-86.	0.4	64
149	Biomarkerâ€based phenotyping of myocardial fibrosis identifies patients with heart failure with preserved ejection fraction resistant to the beneficial effects of spironolactone: results from the Aldoâ€DHF trial. European Journal of Heart Failure, 2018, 20, 1290-1299.	2.9	64
150	Cell Membrane Abnormalities and the Regulation of Intracellular Calcium Concentration in Hypertension. Clinical Science, 1990, 79, 415-423.	1.8	63
151	Telemetry for Cardiovascular Monitoring in a Pharmacological Study. Hypertension, 1999, 33, 248-255.	1.3	63
152	Irbesartan lowers superoxide levels and increases nitric oxide bioavailability in blood vessels from spontaneously hypertensive stroke-prone rats. Journal of Hypertension, 2002, 20, 281-286.	0.3	63
153	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.	2.0	61
154	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, 403-411.	1.8	61
155	Eligibility for Renal Denervation. Hypertension, 2014, 63, 1319-1325.	1.3	61
156	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. Nature Communications, 2020, 11, 2542.	5.8	59
157	Targeting endothelial cells with adenovirus expressing nitric oxide synthase prevents elevation of blood pressure in stroke-prone spontaneously hypertensive rats. Molecular Therapy, 2005, 12, 321-327.	3.7	58
158	Differential Effects of 17Î²-Estradiol upon Stroke Damage in Stroke Prone and Normotensive Rats. Journal of Cerebral Blood Flow and Metabolism, 2004, 24, 298-304.	2.4	57
159	Genetics of hypertension: From experimental animals to humans. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2010, 1802, 1299-1308.	1.8	56
160	Blood pressure, left ventricular mass and intracellular calcium in primary hyperparathyroidism. Clinical Science, 1990, 78, 127-132.	1.8	55
161	Mosaic structural variation in children with developmental disorders. Human Molecular Genetics, 2015, 24, 2733-2745.	1.4	54
162	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.	1.1	53

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163	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, 218-223.	1.1	51
164	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	51
165	Allopurinol Initiation and Change in Blood Pressure in Older Adults With Hypertension. Hypertension, 2014, 64, 1102-1107.	1.3	51
166	Urinary Collagen Fragments Are Significantly Altered in Diabetes: A Link to Pathophysiology. PLoS ONE, 2010, 5, e13051.	1.1	51
167	Two-dimensional genome-scan identifies novel epistatic loci for essential hypertension. Human Molecular Genetics, 2006, 15, 1365-1374.	1.4	50
168	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-H1494.	1.5	49
169	Targeting Reactive Oxygen Species in Hypertension. Antioxidants and Redox Signaling, 2008, 10, 1061-1078.	2.5	49
170	New Blood Pressureâ€“Associated Loci Identified in Meta-Analyses of 475â€‰000 Individuals. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	48
171	Characterization of the Microglial Response to Cerebral Ischemia in the Stroke-Prone Spontaneously Hypertensive Rat. Hypertension, 2001, 38, 116-122.	1.3	47
172	Candidate Genes That Determine Response to Salt in the Stroke-Prone Spontaneously Hypertensive Rat. Hypertension, 2007, 50, 1134-1141.	1.3	47
173	Blood Pressure Response to Patterns of Weather Fluctuations and Effect on Mortality. Hypertension, 2013, 62, 190-196.	1.3	47
174	Targeted genetic testing for familial hypercholesterolaemia using next generation sequencing: a population-based study. BMC Medical Genetics, 2014, 15, 70.	2.1	47
175	Exome-chip meta-analysis identifies novel loci associated with cardiac conduction, including ADAMTS6. Genome Biology, 2018, 19, 87.	3.8	47
176	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, 931-936.	2.4	46
177	Susceptibility to Cerebral Infarction in the Stroke-Prone Spontaneously Hypertensive Rat Is Inherited as a Dominant Trait. Stroke, 1998, 29, 690-694.	1.0	46
178	Combined therapeutic benefit of mitochondria-targeted antioxidant, MitoQ10, and angiotensin receptor blocker, losartan, on cardiovascular function. Journal of Hypertension, 2014, 32, 555-564.	0.3	45
179	Uromodulin, an Emerging Novel Pathway for Blood Pressure Regulation and Hypertension. Hypertension, 2014, 64, 918-923.	1.3	45
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