

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.

716 papers	49,689 citations	99 h-index	207 g-index
765 ext. papers	56,778 ext. citations	7.3 avg, IF	6.95 L-index

#	Paper	IF	Citations
716	Randomised double-blind comparison of placebo and active treatment for older patients with isolated systolic hypertension. The Systolic Hypertension in Europe (Syst-Eur) Trial Investigators. <i>Lancet, The</i> , <b>1997</b> , 350, 757-64	40	2396
715	Treatment of hypertension in patients 80 years of age or older. <i>New England Journal of Medicine</i> , <b>2008</b> , 358, 1887-98	59.2	2083
714	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , <b>2011</b> , 478, 103-9	50.4	1564
713	Prognostic value of aortic pulse wave velocity as index of arterial stiffness in the general population. <i>Circulation</i> , <b>2006</b> , 113, 664-70	16.7	1142
712	Predicting cardiovascular risk using conventional vs ambulatory blood pressure in older patients with systolic hypertension. Systolic Hypertension in Europe Trial Investigators. <i>JAMA - Journal of the American Medical Association</i> , <b>1999</b> , 282, 539-46	27.4	1139
711	Prevention of dementia in randomised double-blind placebo-controlled Systolic Hypertension in Europe (Syst-Eur) trial. <i>Lancet, The</i> , <b>1998</b> , 352, 1347-51	40	1089
710	Risks of untreated and treated isolated systolic hypertension in the elderly: meta-analysis of outcome trials. <i>Lancet, The</i> , <b>2000</b> , 355, 865-72	40	940
709	Superiority of ambulatory over clinic blood pressure measurement in predicting mortality: the Dublin outcome study. <i>Hypertension</i> , <b>2005</b> , 46, 156-61	8.5	929
708	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , <b>2015</b> , 518, 187-196	50.4	920
707	European Society of Hypertension position paper on ambulatory blood pressure monitoring. <i>Journal of Hypertension</i> , <b>2013</b> , 31, 1731-68	1.9	898
706	Clinical applications of arterial stiffness; definitions and reference values. <i>American Journal of Hypertension</i> , <b>2002</b> , 15, 426-44	2.3	856
705	Genome-wide association study identifies 74 loci associated with educational attainment. <i>Nature</i> , <b>2016</b> , 533, 539-42	50.4	850
704	Effects of calcium-channel blockade in older patients with diabetes and systolic hypertension. Systolic Hypertension in Europe Trial Investigators. <i>New England Journal of Medicine</i> , <b>1999</b> , 340, 677-84	59.2	757
703	Cardiovascular protection and blood pressure reduction: a meta-analysis. <i>Lancet, The</i> , <b>2001</b> , 358, 1305-15	40	753
702	Prognostic accuracy of day versus night ambulatory blood pressure: a cohort study. <i>Lancet, The</i> , <b>2007</b> , 370, 1219-29	40	655
701	The prevention of dementia with antihypertensive treatment: new evidence from the Systolic Hypertension in Europe (Syst-Eur) study. <i>Archives of Internal Medicine</i> , <b>2002</b> , 162, 2046-52		619
700	European Society of Hypertension guidelines for blood pressure monitoring at home: a summary report of the Second International Consensus Conference on Home Blood Pressure Monitoring. <i>Journal of Hypertension</i> , <b>2008</b> , 26, 1505-26	1.9	578

699	Circulating MicroRNA-208b and MicroRNA-499 reflect myocardial damage in cardiovascular disease. <i>Circulation: Cardiovascular Genetics</i> , <b>2010</b> , 3, 499-506		568
698	European Society of Hypertension practice guidelines for ambulatory blood pressure monitoring. <i>Journal of Hypertension</i> , <b>2014</b> , 32, 1359-66	1.9	547
697	Daytime and nighttime blood pressure as predictors of death and cause-specific cardiovascular events in hypertension. <i>Hypertension</i> , <b>2008</b> , 51, 55-61	8.5	547
696	Comparison of active treatment and placebo in older Chinese patients with isolated systolic hypertension. Systolic Hypertension in China (Syst-China) Collaborative Group. <i>Journal of Hypertension</i> , <b>1998</b> , 16, 1823-9	1.9	484
695	Environmental exposure to cadmium and risk of cancer: a prospective population-based study. <i>Lancet Oncology</i> , <b>2006</b> , 7, 119-26	21.7	438
694	Pulse pressure not mean pressure determines cardiovascular risk in older hypertensive patients. <i>Archives of Internal Medicine</i> , <b>2000</b> , 160, 1085-9		415
693	Predictive role of the nighttime blood pressure. <i>Hypertension</i> , <b>2011</b> , 57, 3-10	8.5	398
692	Fatal and nonfatal outcomes, incidence of hypertension, and blood pressure changes in relation to urinary sodium excretion. <i>JAMA - Journal of the American Medical Association</i> , <b>2011</b> , 305, 1777-85	27.4	394
691	Cardiovascular prevention and blood pressure reduction: a quantitative overview updated until 1 March 2003. <i>Journal of Hypertension</i> , <b>2003</b> , 21, 1055-76	1.9	365
690	Essential hypertension. <i>Lancet</i> , <b>2003</b> , 361, 1629-41	40	347
689	Prognostic value of reading-to-reading blood pressure variability over 24 hours in 8938 subjects from 11 populations. <i>Hypertension</i> , <b>2010</b> , 55, 1049-57	8.5	332
688	Environmental exposure to cadmium, forearm bone density, and risk of fractures: prospective population study. Public Health and Environmental Exposure to Cadmium (PheeCad) Study Group. <i>Lancet</i> , <b>1999</b> , 353, 1140-4	40	325
687	Ambulatory arterial stiffness index as a predictor of cardiovascular mortality in the Dublin Outcome Study. <i>Hypertension</i> , <b>2006</b> , 47, 365-70	8.5	312
686	Effect of age on brachial artery wall properties differs from the aorta and is gender dependent: a population study. <i>Hypertension</i> , <b>2000</b> , 35, 637-42	8.5	308
685	FTO genotype is associated with phenotypic variability of body mass index. <i>Nature</i> , <b>2012</b> , 490, 267-72	50.4	304
684	Usual versus tight control of systolic blood pressure in non-diabetic patients with hypertension (Cardio-Sis): an open-label randomised trial. <i>Lancet</i> , <b>2009</b> , 374, 525-33	40	302
683	Cadmium exposure in the population: from health risks to strategies of prevention. <i>BioMetals</i> , <b>2010</b> , 23, 769-82	3.4	298
682	Prevalence, persistence, and clinical significance of masked hypertension in youth. <i>Hypertension</i> , <b>2005</b> , 45, 493-8	8.5	293

681	Telomere length and possible link to X chromosome. <i>Lancet, The</i> , <b>2004</b> , 363, 507-10	40	289
680	Angiotensin-converting enzyme inhibitors and calcium channel blockers for coronary heart disease and stroke prevention. <i>Hypertension</i> , <b>2005</b> , 46, 386-92	8.5	288
679	Gender and telomere length: systematic review and meta-analysis. <i>Experimental Gerontology</i> , <b>2014</b> , 51, 15-27	4.5	285
678	Non-invasive assessment of local arterial pulse pressure: comparison of applanation tonometry and echo-tracking. <i>Journal of Hypertension</i> , <b>2001</b> , 19, 1037-44	1.9	279
677	The deletion/insertion polymorphism of the angiotensin converting enzyme gene and cardiovascular-renal risk. <i>Journal of Hypertension</i> , <b>1997</b> , 15, 1579-92	1.9	275
676	Systolic blood pressure variability as a risk factor for stroke and cardiovascular mortality in the elderly hypertensive population. <i>Journal of Hypertension</i> , <b>2003</b> , 21, 2251-7	1.9	275
675	Ambulatory arterial stiffness index derived from 24-hour ambulatory blood pressure monitoring. <i>Hypertension</i> , <b>2006</b> , 47, 359-64	8.5	269
674	Prognostic superiority of daytime ambulatory over conventional blood pressure in four populations: a meta-analysis of 7,030 individuals. <i>Journal of Hypertension</i> , <b>2007</b> , 25, 1554-64	1.9	266
673	Prognostic value of isolated nocturnal hypertension on ambulatory measurement in 8711 individuals from 10 populations. <i>Journal of Hypertension</i> , <b>2010</b> , 28, 2036-45	1.9	263
672	Prevalence of left ventricular diastolic dysfunction in a general population. <i>Circulation: Heart Failure</i> , <b>2009</b> , 2, 105-12	7.6	233
671	Response to antihypertensive therapy in older patients with sustained and nonsustained systolic hypertension. Systolic Hypertension in Europe (Syst-Eur) Trial Investigators. <i>Circulation</i> , <b>2000</b> , 102, 1139-44	16.7	232
670	Diagnostic thresholds for ambulatory blood pressure monitoring based on 10-year cardiovascular risk. <i>Circulation</i> , <b>2007</b> , 115, 2145-52	16.7	229
669	Antihypertensive treatment based on blood pressure measurement at home or in the physician's office: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2004</b> , 291, 955-64	27.4	222
668	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , <b>2015</b> , 11, e1005378	6	220
667	Carotid intima-media thickness and antihypertensive treatment: a meta-analysis of randomized controlled trials. <i>Stroke</i> , <b>2006</b> , 37, 1933-40	6.7	220
666	Oral renin inhibitors. <i>Lancet, The</i> , <b>2006</b> , 368, 1449-56	40	220
665	Nocturnal blood pressure fall on ambulatory monitoring in a large international database. The "Ad Hoc" Working Group. <i>Hypertension</i> , <b>1997</b> , 29, 30-9	8.5	214
664	Predictive value of clinic and ambulatory heart rate for mortality in elderly subjects with systolic hypertension. <i>Archives of Internal Medicine</i> , <b>2002</b> , 162, 2313-21		212

663	Systolic and diastolic blood pressure lowering as determinants of cardiovascular outcome. <i>Hypertension</i> , <b>2005</b> , 45, 907-13	8.5	211
662	Blood pressure reduction and cardiovascular prevention: an update including the 2003-2004 secondary prevention trials. <i>Hypertension Research</i> , <b>2005</b> , 28, 385-407	4.7	209
661	Prognostic value of the morning blood pressure surge in 5645 subjects from 8 populations. <i>Hypertension</i> , <b>2010</b> , 55, 1040-8	8.5	205
660	Prognosis of white-coat and masked hypertension: International Database of HOme blood pressure in relation to Cardiovascular Outcome. <i>Hypertension</i> , <b>2014</b> , 63, 675-82	8.5	204
659	Obesity is associated with increased arterial stiffness from adolescence until old age. <i>Journal of Hypertension</i> , <b>2005</b> , 23, 1839-46	1.9	199
658	Meta-analysis of continuous outcomes combining individual patient data and aggregate data. <i>Statistics in Medicine</i> , <b>2008</b> , 27, 1870-93	2.3	185
657	Results of the pilot study for the Hypertension in the Very Elderly Trial. <i>Journal of Hypertension</i> , <b>2003</b> , 21, 2409-17	1.9	181
656	Effects of three candidate genes on prevalence and incidence of hypertension in a Caucasian population. <i>Journal of Hypertension</i> , <b>2001</b> , 19, 1349-58	1.9	179
655	Sexual maturation in relation to polychlorinated aromatic hydrocarbons: Sharpe and Skakkebaek's hypothesis revisited. <i>Environmental Health Perspectives</i> , <b>2002</b> , 110, 771-6	8.4	177
654	Impairment of renal function with increasing blood lead concentrations in the general population. The Cadmibel Study Group. <i>New England Journal of Medicine</i> , <b>1992</b> , 327, 151-6	59.2	177
653	Mean and range of the ambulatory pressure in normotensive subjects from a meta-analysis of 23 studies. <i>American Journal of Cardiology</i> , <b>1991</b> , 67, 723-7	3	174
652	Renal function, cytogenetic measurements, and sexual development in adolescents in relation to environmental pollutants: a feasibility study of biomarkers. <i>Lancet, The</i> , <b>2001</b> , 357, 1660-9	40	170
651	Diagnosis and Prediction of CKD Progression by Assessment of Urinary Peptides. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2015</b> , 26, 1999-2010	12.7	164
650	House dust as possible route of environmental exposure to cadmium and lead in the adult general population. <i>Environmental Research</i> , <b>2007</b> , 103, 30-7	7.9	154
649	Left ventricular strain and strain rate in a general population. <i>European Heart Journal</i> , <b>2008</b> , 29, 2014-23	9.5	151
648	Prognostic significance of renal function in elderly patients with isolated systolic hypertension: results from the Syst-Eur trial. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2002</b> , 13, 2213-22	12.7	151
647	Effects of immediate versus delayed antihypertensive therapy on outcome in the Systolic Hypertension in Europe Trial. <i>Journal of Hypertension</i> , <b>2004</b> , 22, 847-57	1.9	147
646	Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. <i>Human Molecular Genetics</i> , <b>2011</b> , 20, 2273-84	5.6	146

645	Significance of white-coat hypertension in older persons with isolated systolic hypertension: a meta-analysis using the International Database on Ambulatory Blood Pressure Monitoring in Relation to Cardiovascular Outcomes population. <i>Hypertension</i> , <b>2012</b> , 59, 564-71	8.5	146
644	Bone resorption and environmental exposure to cadmium in women: a population study. <i>Environmental Health Perspectives</i> , <b>2008</b> , 116, 777-83	8.4	141
643	Task Force II: blood pressure measurement and cardiovascular outcome. <i>Blood Pressure Monitoring</i> , <b>2001</b> , 6, 355-70	1.3	141
642	M235T angiotensinogen gene polymorphism and cardiovascular renal risk. <i>Journal of Hypertension</i> , <b>1999</b> , 17, 9-17	1.9	139
641	Blood pressure loci identified with a gene-centric array. <i>American Journal of Human Genetics</i> , <b>2011</b> , 89, 688-700	11	137
640	Association of Office and Ambulatory Blood Pressure With Mortality and Cardiovascular Outcomes. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 322, 409-420	27.4	136
639	Antihypertensive Treatment Based on Conventional or Ambulatory Blood Pressure Measurement. <i>JAMA - Journal of the American Medical Association</i> , <b>1997</b> , 278, 1065	27.4	136
638	White-coat hypertension: new insights from recent studies. <i>Hypertension</i> , <b>2013</b> , 62, 982-7	8.5	135
637	Prognostic significance of serum creatinine and uric acid in older Chinese patients with isolated systolic hypertension. <i>Hypertension</i> , <b>2001</b> , 37, 1069-74	8.5	132
636	Cardiovascular outcomes in the first trial of antihypertensive therapy guided by self-measured home blood pressure. <i>Hypertension Research</i> , <b>2012</b> , 35, 1102-10	4.7	126
635	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. <i>Hypertension</i> , <b>2012</b> , 59, 248-55	8.5	124
634	Treatment of hypertension in patients 80 years and older: the lower the better? A meta-analysis of randomized controlled trials. <i>Journal of Hypertension</i> , <b>2010</b> , 28, 1366-72	1.9	122
633	Blood pressure reduction for the secondary prevention of stroke: a Chinese trial and a systematic review of the literature. <i>Hypertension Research</i> , <b>2009</b> , 32, 1032-40	4.7	119
632	Genetic polymorphisms in the renin-angiotensin system: relevance for susceptibility to cardiovascular disease. <i>European Journal of Pharmacology</i> , <b>2000</b> , 410, 289-302	5.3	116
631	Cardiac involvement in Churg-Strauss syndrome. <i>Arthritis and Rheumatism</i> , <b>2010</b> , 62, 627-34		115
630	Ambulatory arterial stiffness index and 24-hour ambulatory pulse pressure as predictors of mortality in Ohasama, Japan. <i>Stroke</i> , <b>2007</b> , 38, 1161-6	6.7	115
629	Masked hypertension in diabetes mellitus: treatment implications for clinical practice. <i>Hypertension</i> , <b>2013</b> , 61, 964-71	8.5	114
628	Ambulatory arterial stiffness index predicts stroke in a general population. <i>Journal of Hypertension</i> , <b>2006</b> , 24, 2247-53	1.9	114

627	The International Database of Ambulatory Blood Pressure in relation to Cardiovascular Outcome (IDACO): protocol and research perspectives. <i>Blood Pressure Monitoring</i> , <b>2007</b> , 12, 255-62	1.3	111
626	Setting thresholds to varying blood pressure monitoring intervals differentially affects risk estimates associated with white-coat and masked hypertension in the population. <i>Hypertension</i> , <b>2014</b> , 64, 935-42	8.5	108
625	Cadmium-related mortality and long-term secular trends in the cadmium body burden of an environmentally exposed population. <i>Environmental Health Perspectives</i> , <b>2008</b> , 116, 1620-8	8.4	108
624	24-h ambulatory recording of aortic pulse wave velocity and central systolic augmentation: a feasibility study. <i>Hypertension Research</i> , <b>2012</b> , 35, 980-7	4.7	106
623	Blood pressure, cognitive functions, and prevention of dementias in older patients with hypertension. <i>Archives of Internal Medicine</i> , <b>2001</b> , 161, 152-6		106
622	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , <b>2017</b> , 8, 14977	17.4	105
621	Pulsatile blood pressure component as predictor of mortality in hypertension: a meta-analysis of clinical trial control groups. <i>Journal of Hypertension</i> , <b>2002</b> , 20, 145-51	1.9	104
620	Adducin polymorphism: detection and impact on hypertension and related disorders. <i>Hypertension</i> , <b>2005</b> , 45, 331-40	8.5	103
619	Quality control of the blood pressure phenotype in the European Project on Genes in Hypertension. <i>Blood Pressure Monitoring</i> , <b>2002</b> , 7, 215-24	1.3	103
618	Evaluation of Adherence Should Become an Integral Part of Assessment of Patients With Apparently Treatment-Resistant Hypertension. <i>Hypertension</i> , <b>2016</b> , 68, 297-306	8.5	99
617	Association Between More Intensive vs Less Intensive Blood Pressure Lowering and Risk of Mortality in Chronic Kidney Disease Stages 3 to 5: A Systematic Review and Meta-analysis. <i>JAMA Internal Medicine</i> , <b>2017</b> , 177, 1498-1505	11.5	98
616	Is isolated nocturnal hypertension a novel clinical entity? Findings from a Chinese population study. <i>Hypertension</i> , <b>2007</b> , 50, 333-9	8.5	97
615	The Cardiovascular Risk of White-Coat Hypertension. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 68, 2033-2043	15.1	96
614	Subgroup and per-protocol analysis of the randomized European Trial on Isolated Systolic Hypertension in the Elderly. <i>Archives of Internal Medicine</i> , <b>1998</b> , 158, 1681-91		96
613	Home blood pressure variability as cardiovascular risk factor in the population of Ohasama. <i>Hypertension</i> , <b>2013</b> , 61, 61-9	8.5	95
612	Beat-to-beat, reading-to-reading, and day-to-day blood pressure variability in relation to organ damage in untreated Chinese. <i>Hypertension</i> , <b>2014</b> , 63, 790-6	8.5	94
611	Reference values for self-recorded blood pressure: a meta-analysis of summary data. <i>Archives of Internal Medicine</i> , <b>1998</b> , 158, 481-8		93
610	Within-subject blood pressure level--not variability--predicts fatal and nonfatal outcomes in a general population. <i>Hypertension</i> , <b>2012</b> , 60, 1138-47	8.5	92



609	On-treatment diastolic blood pressure and prognosis in systolic hypertension. <i>Archives of Internal Medicine</i> , <b>2007</b> , 167, 1884-91		92
608	Genetic variants linked to education predict longevity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 13366-13371	11.5	90
607	Less atherosclerosis and lower blood pressure for a meaningful life perspective with more brain. <i>Hypertension</i> , <b>2007</b> , 49, 389-400	8.5	89
606	Self-measured versus ambulatory blood pressure in the diagnosis of hypertension. <i>Journal of Hypertension</i> , <b>2003</b> , 21, 717-22	1.9	88
605	Blood pressure lowering for primary and secondary prevention of stroke. <i>Hypertension</i> , <b>2006</b> , 48, 187-958.5		87
604	Prediction of cardiac structure and function by repeated clinic and ambulatory blood pressure. <i>Hypertension</i> , <b>1997</b> , 29, 22-9	8.5	87
603	Blood pressure and blood selenium: a cross-sectional and longitudinal population study. <i>European Heart Journal</i> , <b>2007</b> , 28, 628-33	9.5	84
602	Genome-wide association study of kidney function decline in individuals of European descent. <i>Kidney International</i> , <b>2015</b> , 87, 1017-29	9.9	83
601	Blood pressure as a prognostic factor after acute stroke. <i>Lancet Neurology</i> , <b>2009</b> , 8, 938-48	24.1	83
600	Follow-up of renal function in treated and untreated older patients with isolated systolic hypertension. Systolic Hypertension in Europe (Syst-Eur) Trial Investigators. <i>Journal of Hypertension</i> , <b>2001</b> , 19, 511-9	1.9	83
599	Immunologic biomarkers in relation to exposure markers of PCBs and dioxins in Flemish adolescents (Belgium). <i>Environmental Health Perspectives</i> , <b>2002</b> , 110, 595-600	8.4	82
598	Ambulatory pulse pressure as predictor of outcome in older patients with systolic hypertension. <i>American Journal of Hypertension</i> , <b>2002</b> , 15, 835-43	2.3	81
597	Ambulatory blood pressure monitoring in 9357 subjects from 11 populations highlights missed opportunities for cardiovascular prevention in women. <i>Hypertension</i> , <b>2011</b> , 57, 397-405	8.5	80
596	Carotid and femoral artery stiffness in relation to three candidate genes in a white population. <i>Hypertension</i> , <b>2001</b> , 38, 1190-7	8.5	77
595	Renal denervation: ultima ratio or standard in treatment-resistant hypertension. <i>Hypertension</i> , <b>2012</b> , 60, 596-606	8.5	76
594	Prognostic value of left ventricular diastolic dysfunction in a general population. <i>Journal of the American Heart Association</i> , <b>2014</b> , 3, e000789	6	75
593	Outcome-driven thresholds for home blood pressure measurement: international database of home blood pressure in relation to cardiovascular outcome. <i>Hypertension</i> , <b>2013</b> , 61, 27-34	8.5	75
592	Prognostic value of ambulatory heart rate revisited in 6928 subjects from 6 populations. <i>Hypertension</i> , <b>2008</b> , 52, 229-35	8.5	73



591	Peroxisome proliferator-activated receptor-gamma2 polymorphism Pro12Ala is associated with nephropathy in type 2 diabetes: The Berlin Diabetes Mellitus (BeDiaM) Study. <i>Diabetes</i> , <b>2002</b> , 51, 2653-7 <sup>0.9</sup>	73
590	Reference values and factors associated with renal resistive index in a family-based population study. <i>Hypertension</i> , <b>2014</b> , 63, 136-42	8.5 72
589	The relationships between left ventricular mass and daytime and night-time blood pressures: a meta-analysis of comparative studies. <i>Journal of Hypertension</i> , <b>1995</b> , 13, 823-9	1.9 72
588	Blood pressure variability in relation to outcome in the International Database of Ambulatory blood pressure in relation to Cardiovascular Outcome. <i>Hypertension Research</i> , <b>2010</b> , 33, 757-66	4.7 71
587	Advantages and disadvantages of the meta-analysis approach. <i>Journal of Hypertension</i> , <b>1996</b> , 14, S9-12; discussion S13	1.9 70
586	The relationship between blood pressure and sodium and potassium excretion during the day and at night. <i>Journal of Hypertension</i> , <b>1993</b> , 11, 443-7	1.9 68
585	Inactive matrix Gla protein is causally related to adverse health outcomes: a Mendelian randomization study in a Flemish population. <i>Hypertension</i> , <b>2015</b> , 65, 463-70	8.5 66
584	Task force IV: Clinical use of ambulatory blood pressure monitoring. Participants of the 1999 Consensus Conference on Ambulatory Blood Pressure Monitoring. <i>Blood Pressure Monitoring</i> , <b>1999</b> , 4, 319-31	1.3 66
583	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6 65
582	Inactive Matrix Gla-Protein Is Associated With Arterial Stiffness in an Adult Population-Based Study. <i>Hypertension</i> , <b>2015</b> , 66, 85-92	8.5 65
581	Meta-analysis of randomised trials with a continuous outcome according to baseline imbalance and availability of individual participant data. <i>Statistics in Medicine</i> , <b>2013</b> , 32, 2747-66	2.3 65
580	Evidence that new antihypertensives are superior to older drugs. <i>Lancet, The</i> , <b>2005</b> , 366, 869-71	40 65
579	Genetic variability in the renin-angiotensin system: prevalence of alleles and genotypes. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , <b>1997</b> , 4, 401-422	64
578	Public health implications of environmental exposure to cadmium and lead: an overview of epidemiological studies in Belgium. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , <b>1996</b> , 3, 26-41	64
577	Correlates of Peripheral Blood Mitochondrial DNA Content in a General Population. <i>American Journal of Epidemiology</i> , <b>2016</b> , 183, 138-46	3.8 63
576	Urinary proteome analysis in hypertensive patients with left ventricular diastolic dysfunction. <i>European Heart Journal</i> , <b>2012</b> , 33, 2342-50	9.5 63
575	An epidemiological study of blood pressure and metabolic phenotypes in relation to the Gbeta3 C825T polymorphism. <i>Journal of Hypertension</i> , <b>2003</b> , 21, 729-37	1.9 63
574	Are published characteristics of the ambulatory blood pressure generalizable to rural Chinese? The JingNing population study. <i>Blood Pressure Monitoring</i> , <b>2005</b> , 10, 125-34	1.3 62

573	Efficacy of different drug classes used to initiate antihypertensive treatment in black subjects: results of a randomized trial in Johannesburg, South Africa. <i>Archives of Internal Medicine</i> , <b>2001</b> , 161, 965-71		61
572	Influence of demographic, anthropometric and lifestyle characteristics on heart rate and its variability in the population. <i>Journal of Hypertension</i> , <b>1999</b> , 17, 1589-99	1.9	61
571	Prognostic Value of Masked Uncontrolled Hypertension. <i>Hypertension</i> , <b>2018</b> , 72, 862-869	8.5	61
570	Age-specific differences between conventional and ambulatory daytime blood pressure values. <i>Hypertension</i> , <b>2014</b> , 64, 1073-9	8.5	60
569	A urinary proteome-based classifier for the early detection of decline in glomerular filtration. <i>Nephrology Dialysis Transplantation</i> , <b>2017</b> , 32, 1510-1516	4.3	60
568	Salt, endogenous ouabain and blood pressure interactions in the general population. <i>Journal of Hypertension</i> , <b>2003</b> , 21, 1475-81	1.9	59
567	Left ventricular mass in relation to genetic variation in angiotensin II receptors, renin system genes, and sodium excretion. <i>Circulation</i> , <b>2004</b> , 110, 2644-50	16.7	59
566	A consensus view on the technique of ambulatory blood pressure monitoring. The Fourth International Consensus Conference on 24-Hour Ambulatory Blood Pressure Monitoring. <i>Hypertension</i> , <b>1995</b> , 26, 912-8	8.5	59
565	Ambulatory hypertension subtypes and 24-hour systolic and diastolic blood pressure as distinct outcome predictors in 8341 untreated people recruited from 12 populations. <i>Circulation</i> , <b>2014</b> , 130, 466-474	16.7	58
564	Prevalence of left ventricular diastolic dysfunction in European populations based on cross-validated diagnostic thresholds. <i>Cardiovascular Ultrasound</i> , <b>2012</b> , 10, 10	2.4	58
563	Adducin- and ouabain-related gene variants predict the antihypertensive activity of rostafuroxin, part 2: clinical studies. <i>Science Translational Medicine</i> , <b>2010</b> , 2, 59ra87	17.5	58
562	Reference values for SphygmoCor measurements in South Africans of African ancestry. <i>American Journal of Hypertension</i> , <b>2006</b> , 19, 40-6	2.3	58
561	Impact of environmental cadmium pollution on cadmium exposure and body burden. <i>Archives of Environmental Health</i> , <b>1992</b> , 47, 347-53		58
560	Prognostic value of invasive hemodynamic measurements at rest and during exercise in hypertensive men. <i>Hypertension</i> , <b>1996</b> , 28, 31-6	8.5	58
559	Renal Nerve Stimulation-Induced Blood Pressure Changes Predict Ambulatory Blood Pressure Response After Renal Denervation. <i>Hypertension</i> , <b>2016</b> , 68, 707-14	8.5	58
558	Risk stratification by self-measured home blood pressure across categories of conventional blood pressure: a participant-level meta-analysis. <i>PLoS Medicine</i> , <b>2014</b> , 11, e1001591	11.6	57
557	Prognostic significance of ambulatory blood pressure in hypertensive patients with history of cardiovascular disease. <i>Blood Pressure Monitoring</i> , <b>2008</b> , 13, 325-32	1.3	57
556	Reference values in white Europeans for the arterial pulse wave recorded by means of the SphygmoCor device. <i>Hypertension Research</i> , <b>2006</b> , 29, 475-83	4.7	57

555	Host and environmental determinants of heart rate and heart rate variability in four European populations. <i>Journal of Hypertension</i> , <b>2003</b> , 21, 525-35	1.9	57
554	Angiotensin-converting enzyme I/D and alpha-adducin Gly460Trp polymorphisms: from angiotensin-converting enzyme activity to cardiovascular outcome. <i>Hypertension</i> , <b>2007</b> , 49, 1291-7	8.5	56
553	Cardiovascular risk in white-coat and sustained hypertensive patients. <i>Blood Pressure</i> , <b>2002</b> , 11, 352-6	1.7	56
552	The International Database of Self-Recorded Blood Pressures in normotensive and untreated hypertensive subjects. <i>Blood Pressure Monitoring</i> , <b>1999</b> , 4, 77-86	1.3	56
551	Prediction of Chronic Kidney Disease Stage 3 by CKD273, a Urinary Proteomic Biomarker. <i>Kidney International Reports</i> , <b>2017</b> , 2, 1066-1075	4.1	55
550	Eligibility for renal denervation: experience at 11 European expert centers. <i>Hypertension</i> , <b>2014</b> , 63, 1319-25	8.5	55
549	Ambulatory arterial stiffness index: rationale and methodology. <i>Blood Pressure Monitoring</i> , <b>2006</b> , 11, 103-5	1.3	55
548	Determinants of white-coat syndrome assessed by ambulatory blood pressure or self-measured home blood pressure. <i>Blood Pressure Monitoring</i> , <b>2003</b> , 8, 37-40	1.3	55
547	Prognostic significance of electrocardiographic voltages and their serial changes in elderly with systolic hypertension. <i>Hypertension</i> , <b>2004</b> , 44, 459-64	8.5	55
546	Calcium channel blockade and cardiovascular prognosis in the European trial on isolated systolic hypertension. <i>Hypertension</i> , <b>1998</b> , 32, 410-6	8.5	55
545	Correlates of cognitive status of old patients with isolated systolic hypertension: the Syst-Eur Vascular Dementia Project. <i>Journal of Hypertension</i> , <b>1998</b> , 16, 963-9	1.9	55
544	Association between hypertension and variation in the alpha- and beta-adducin genes in a white population. <i>Kidney International</i> , <b>2002</b> , 62, 2152-9	9.9	54
543	Low-density lipoprotein cholesterol and mortality in older people. <i>Journal of the American Geriatrics Society</i> , <b>2005</b> , 53, 2159-64	5.6	54
542	The pulse pressure-to-stroke index ratio predicts cardiovascular events and death in uncomplicated hypertension. <i>Journal of the American College of Cardiology</i> , <b>2001</b> , 38, 227-31	15.1	54
541	Terminal digit preference and single-number preference in the Syst-Eur trial: influence of quality control. <i>Blood Pressure Monitoring</i> , <b>2002</b> , 7, 169-77	1.3	53
540	Blood flow pattern in the middle cerebral artery in relation to indices of arterial stiffness in the systemic circulation. <i>American Journal of Hypertension</i> , <b>2012</b> , 25, 319-24	2.3	52
539	Relationships between changes in left ventricular mass and in clinic and ambulatory blood pressure in response to antihypertensive therapy. <i>Journal of Hypertension</i> , <b>1997</b> , 15, 1493-502	1.9	52
538	Treatment of isolated systolic hypertension in the elderly: further evidence from the systolic hypertension in Europe (Syst-Eur) trial. <i>American Journal of Cardiology</i> , <b>1998</b> , 82, 20R-22R	3	52

537	Low-level environmental exposure to lead unmasked as silent killer. <i>Circulation</i> , <b>2006</b> , 114, 1347-9	16.7	52
536	Meta-analysis of randomized controlled trials of renal denervation in treatment-resistant hypertension. <i>Blood Pressure</i> , <b>2015</b> , 24, 263-74	1.7	51
535	Association of total cancer and lung cancer with environmental exposure to cadmium: the meta-analytical evidence. <i>Cancer Causes and Control</i> , <b>2015</b> , 26, 1281-8	2.8	51
534	Masked hypertension: a phenomenon of measurement. <i>Hypertension</i> , <b>2015</b> , 65, 16-20	8.5	51
533	Independent relations of left ventricular structure with the 24-hour urinary excretion of sodium and aldosterone. <i>Hypertension</i> , <b>2009</b> , 54, 489-95	8.5	51
532	Hypertension prevalence and stroke mortality across populations. <i>JAMA - Journal of the American Medical Association</i> , <b>2003</b> , 289, 2420-2	27.4	51
531	Genetic loci associated with heart rate variability and their effects on cardiac disease risk. <i>Nature Communications</i> , <b>2017</b> , 8, 15805	17.4	50
530	The urinary proteome as correlate and predictor of renal function in a population study. <i>Nephrology Dialysis Transplantation</i> , <b>2014</b> , 29, 2260-8	4.3	50
529	Carotid and femoral intima-media thickness in relation to three candidate genes in a Caucasian population. <i>Journal of Hypertension</i> , <b>2002</b> , 20, 1551-61	1.9	50
528	Prevalence, Treatment, and Control Rates of Conventional and Ambulatory Hypertension Across 10 Populations in 3 Continents. <i>Hypertension</i> , <b>2017</b> , 70, 50-58	8.5	49
527	Higher circulating levels of IGF-1 are associated with longer leukocyte telomere length in healthy subjects. <i>Mechanisms of Ageing and Development</i> , <b>2009</b> , 130, 771-6	5.6	48
526	Short-term and long-term repeatability of the morning blood pressure in older patients with isolated systolic hypertension. <i>Journal of Hypertension</i> , <b>2008</b> , 26, 1328-35	1.9	48
525	Hypertension caused by low-level lead exposure: myth or fact?. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , <b>1994</b> , 1, 87-97		48
524	Additive Prognostic Value of Left Ventricular Systolic Dysfunction in a Population-Based Cohort. <i>Circulation: Cardiovascular Imaging</i> , <b>2016</b> , 9,	3.9	47
523	Masked hypertension: understanding its complexity. <i>European Heart Journal</i> , <b>2017</b> , 38, 1112-1118	9.5	47
522	Placebo-controlled trials of blood pressure-lowering therapies for primary prevention of dementia. <i>Hypertension</i> , <b>2011</b> , 57, e6-7	8.5	47
521	Blood pressure reduction and renin-angiotensin system inhibition for prevention of congestive heart failure: a meta-analysis. <i>European Heart Journal</i> , <b>2009</b> , 30, 679-88	9.5	47
520	Blood pressure and renal sodium handling in relation to genetic variation in the DRD1 promoter and GRK4. <i>Hypertension</i> , <b>2008</b> , 51, 1643-50	8.5	47

519	Uncoupling protein 1 and 3 polymorphisms are associated with waist-to-hip ratio. <i>Journal of Molecular Medicine</i> , <b>2003</b> , 81, 327-32	5.5	47
518	Impact and pitfalls of scaling of left ventricular and atrial structure in population-based studies. <i>Journal of Hypertension</i> , <b>2016</b> , 34, 1186-94	1.9	47
517	Individual patient data meta-analysis of survival data using Poisson regression models. <i>BMC Medical Research Methodology</i> , <b>2012</b> , 12, 34	4.7	46
516	Association between left ventricular mass and telomere length in a population study. <i>American Journal of Epidemiology</i> , <b>2010</b> , 172, 440-50	3.8	46
515	Self-measurement of blood pressure at home in the management of hypertension. <i>Clinical Medicine and Research</i> , <b>2005</b> , 3, 19-26	1.4	46
514	Ethnic differences in proximal and distal tubular sodium reabsorption are heritable in black and white populations. <i>Journal of Hypertension</i> , <b>2009</b> , 27, 606-12	1.9	45
513	Calcium channel blockade to prevent stroke in hypertension: a meta-analysis of 13 studies with 103,793 subjects. <i>American Journal of Hypertension</i> , <b>2004</b> , 17, 817-22	2.3	45
512	Cardiovascular risk in relation to alpha-adducin Gly460Trp polymorphism and systolic pressure: a prospective population study. <i>Hypertension</i> , <b>2005</b> , 46, 527-32	8.5	45
511	Renal function in relation to three candidate genes. <i>American Journal of Kidney Diseases</i> , <b>2001</b> , 38, 1158-64	6.4	45
510	Lead Exposure and Conventional and Ambulatory Blood Pressure. <i>JAMA - Journal of the American Medical Association</i> , <b>1996</b> , 275, 1563	27.4	45
509	Life style as a determinant of blood pressure in the general population. <i>American Journal of Hypertension</i> , <b>1994</b> , 7, 685-94	2.3	45
508	Outcome-Driven Thresholds for Increased Home Blood Pressure Variability. <i>Hypertension</i> , <b>2017</b> , 69, 599-607	8.7	44
507	Does white coat hypertension require treatment over age 80?: Results of the hypertension in the very elderly trial ambulatory blood pressure side project. <i>Hypertension</i> , <b>2013</b> , 61, 89-94	8.5	44
506	Sympathetic activity, assessed by power spectral analysis of heart rate variability, in white-coat, masked and sustained hypertension versus true normotension. <i>Journal of Hypertension</i> , <b>2007</b> , 25, 2280-5	1.9	43
505	Renal versus extrarenal activation of vitamin D in relation to atherosclerosis, arterial stiffening, and hypertension. <i>American Journal of Hypertension</i> , <b>2007</b> , 20, 1007-15	2.3	43
504	Progression to hypertension in the non-hypertensive participants in the Flemish Study on Environment, Genes and Health Outcomes. <i>Journal of Hypertension</i> , <b>2006</b> , 24, 1719-27	1.9	43
503	CXCL10 Is a Circulating Inflammatory Marker in Patients with Advanced Heart Failure: a Pilot Study. <i>Journal of Cardiovascular Translational Research</i> , <b>2016</b> , 9, 302-14	3.3	42
502	Endothelial function and outdoor temperature. <i>European Journal of Epidemiology</i> , <b>2005</b> , 20, 407-10	12.1	42

501	Night-time blood pressure: dipping into the future?. <i>Journal of Hypertension</i> , <b>2002</b> , 20, 2131-3	1.9	42
500	Thirty years of research on diagnostic and therapeutic thresholds for the self-measured blood pressure at home. <i>Blood Pressure Monitoring</i> , <b>2008</b> , 13, 352-65	1.3	41
499	beta-Adducin polymorphisms, blood pressure, and sodium excretion in three European populations. <i>American Journal of Hypertension</i> , <b>2003</b> , 16, 840-6	2.3	41
498	Genetic variation in CYP11B2 and AT1R influences heart rate variability conditional on sodium excretion. <i>Hypertension</i> , <b>2004</b> , 44, 156-62	8.5	40
497	Blood pressure in relation to environmental lead exposure in the national health and nutrition examination survey 2003 to 2010. <i>Hypertension</i> , <b>2015</b> , 65, 62-9	8.5	39
496	Target sequencing, cell experiments, and a population study establish endothelial nitric oxide synthase (eNOS) gene as hypertension susceptibility gene. <i>Hypertension</i> , <b>2013</b> , 62, 844-52	8.5	39
495	Sexual dimorphism in the transition from masked to sustained hypertension in healthy youths. <i>Hypertension</i> , <b>2013</b> , 62, 410-4	8.5	39
494	The metabolic syndrome and carotid intima-media thickness in relation to the parathyroid hormone to 25-OH-D(3) ratio in a general population. <i>American Journal of Hypertension</i> , <b>2011</b> , 24, 102-9	2.3	39
493	Update on the systolic hypertension in Europe (Syst-Eur) trial. The Syst-Eur Investigators. <i>Hypertension</i> , <b>1999</b> , 33, 1476-7	8.5	39
492	Investigation of antihypertensive class, dementia, and cognitive decline: A meta-analysis. <i>Neurology</i> , <b>2020</b> , 94, e267-e281	6.5	38
491	Steroid biosynthesis and renal excretion in human essential hypertension: association with blood pressure and endogenous ouabain. <i>American Journal of Hypertension</i> , <b>2009</b> , 22, 357-63	2.3	38
490	Comparison of three measures of the ankle-brachial blood pressure index in a general population. <i>Hypertension Research</i> , <b>2007</b> , 30, 555-61	4.7	38
489	Blood-pressure lowering for the secondary prevention of stroke. <i>Lancet, The</i> , <b>2001</b> , 358, 1026-7	4.0	38
488	Blood Pressure Measurement and Treatment Decisions. <i>Circulation Research</i> , <b>2019</b> , 124, 990-1008	15.7	37
487	Risk stratification by ambulatory blood pressure monitoring across JNC classes of conventional blood pressure. <i>American Journal of Hypertension</i> , <b>2014</b> , 27, 956-65	2.3	37
486	Cardiovascular outcome in relation to progression to hypertension in the Copenhagen MONICA cohort. <i>American Journal of Hypertension</i> , <b>2007</b> , 20, 483-91	2.3	37
485	Host and environmental determinants of polychlorinated aromatic hydrocarbons in serum of adolescents. <i>Environmental Health Perspectives</i> , <b>2002</b> , 110, 583-9	8.4	37
484	Blood pressure in relation to three candidate genes in a Chinese population. <i>Journal of Hypertension</i> , <b>2004</b> , 22, 937-44	1.9	37



483	Strategies for classifying patients based on office, home, and ambulatory blood pressure measurement. <i>Hypertension</i> , <b>2015</b> , 65, 1258-65	8.5	36
482	Left ventricular diastolic function in relation to the urinary proteome: a proof-of-concept study in a general population. <i>International Journal of Cardiology</i> , <b>2014</b> , 176, 158-65	3.2	36
481	Telomere length and its associations with oxidized-LDL, carotid artery distensibility and smoking. <i>Frontiers in Bioscience - Elite</i> , <b>2010</b> , 2, 1164-8	1.6	36
480	Persistence of mortality reduction after the end of randomized therapy in clinical trials of blood pressure-lowering medications. <i>Hypertension</i> , <b>2010</b> , 56, 1060-8	8.5	36
479	Epidemiology of masked and white-coat hypertension: the family-based SKIPOGH study. <i>PLoS ONE</i> , <b>2014</b> , 9, e92522	3.7	35
478	Renal function estimation and Cockcroft-Gault formulas for predicting cardiovascular mortality in population-based, cardiovascular risk, heart failure and post-myocardial infarction cohorts: The Heart 'OMics' in AGEing (HOMAGE) and the high-risk myocardial infarction database initiatives. <i>CMS Medicine</i> , <b>2014</b> , 14, 181	11.4	35
477	Doppler indexes of left ventricular systolic and diastolic flow and central pulse pressure in relation to renal resistive index. <i>American Journal of Hypertension</i> , <b>2015</b> , 28, 535-45	2.3	34
476	Predictive power of home blood pressure and clinic blood pressure in hypertensive patients with impaired glucose metabolism and diabetes. <i>Journal of Hypertension</i> , <b>2013</b> , 31, 1593-602	1.9	34
475	Implications of recently published trials of blood pressure-lowering drugs in hypertensive or high-risk patients. <i>Hypertension</i> , <b>2010</b> , 55, 819-31	8.5	34
474	Determinants of the ambulatory arterial stiffness index in 7604 subjects from 6 populations. <i>Hypertension</i> , <b>2008</b> , 52, 1038-44	8.5	34
473	Day-night blood pressure variations: mechanisms, reproducibility and clinical relevance. <i>Journal of Hypertension</i> , <b>2007</b> , 25, 2377-80	1.9	34
472	Ambulatory blood pressure and blood pressure measured at home: progress report on a population study. <i>Journal of Cardiovascular Pharmacology</i> , <b>1994</b> , 23 Suppl 5, S5-11	3.1	34
471	Blood Pressure Measurement Anno 2016. <i>American Journal of Hypertension</i> , <b>2017</b> , 30, 453-463	2.3	33
470	Proteomic Bioprofiles and Mechanistic Pathways of Progression to Heart Failure. <i>Circulation: Heart Failure</i> , <b>2019</b> , 12, e005897	7.6	33
469	Association of target organ damage with 24-hour systolic and diastolic blood pressure levels and hypertension subtypes in untreated Chinese. <i>Hypertension</i> , <b>2014</b> , 63, 222-8	8.5	33
468	Validation of automated oscillometric versus manual measurement of the ankle-brachial index. <i>Hypertension Research</i> , <b>2009</b> , 32, 884-8	4.7	33
467	Progress in cardiovascular diseases: cognitive function in essential hypertension. <i>Progress in Cardiovascular Diseases</i> , <b>2006</b> , 49, 1-10	8.5	33
466	Outcome beyond blood pressure control?. <i>European Heart Journal</i> , <b>2003</b> , 24, 504-14	9.5	33



465	Urinary Proteomics Pilot Study for Biomarker Discovery and Diagnosis in Heart Failure with Reduced Ejection Fraction. <i>PLoS ONE</i> , <b>2016</b> , 11, e0157167	3.7	33
464	Salt and cardiovascular disease: insufficient evidence to recommend low sodium intake. <i>European Heart Journal</i> , <b>2020</b> , 41, 3363-3373	9.5	33
463	Branched-Chain Amino Acids as Critical Switches in Health and Disease. <i>Hypertension</i> , <b>2018</b> , 72, 1012-1022	2.5	33
462	Longitudinal changes in left ventricular diastolic function in a general population. <i>Circulation: Cardiovascular Imaging</i> , <b>2015</b> , 8,	3.9	32
461	Main results of the ouabain and adducin for Specific Intervention on Sodium in Hypertension Trial (OASIS-HT): a randomized placebo-controlled phase-2 dose-finding study of rosfuroxin. <i>Trials</i> , <b>2011</b> , 12, 13	2.8	32
460	Systolic and diastolic left ventricular dysfunction: from risk factors to overt heart failure. <i>Expert Review of Cardiovascular Therapy</i> , <b>2010</b> , 8, 251-8	2.5	32
459	Ambulatory blood pressure in normotensive and hypertensive subjects. <i>Journal of Hypertension</i> , <b>1994</b> , 12, S13-S22	1.9	32
458	Association between carotid diameter and the advanced glycation end product N-epsilon-carboxymethyllysine (CML). <i>Cardiovascular Diabetology</i> , <b>2009</b> , 8, 45	8.7	31
457	Ambulatory blood pressure of adults in Novosibirsk, Russia: interim report on a population study. <i>Blood Pressure Monitoring</i> , <b>2000</b> , 5, 291-6	1.3	31
456	Vitamin K Dependent Protection of Renal Function in Multi-ethnic Population Studies. <i>EBioMedicine</i> , <b>2016</b> , 4, 162-9	8.8	31
455	Persistent Increase in Blood Pressure After Renal Nerve Stimulation in Accessory Renal Arteries After Sympathetic Renal Denervation. <i>Hypertension</i> , <b>2016</b> , 67, 1211-7	8.5	31
454	How many measurements are needed to estimate blood pressure variability without loss of prognostic information?. <i>American Journal of Hypertension</i> , <b>2014</b> , 27, 46-55	2.3	30
453	Outcome-driven thresholds for ambulatory pulse pressure in 9938 participants recruited from 11 populations. <i>Hypertension</i> , <b>2014</b> , 63, 229-37	8.5	30
452	Blood pressure load does not add to ambulatory blood pressure level for cardiovascular risk stratification. <i>Hypertension</i> , <b>2014</b> , 63, 925-33	8.5	30
451	Association of central and peripheral pulse pressure with intermediate cardiovascular phenotypes. <i>Journal of Hypertension</i> , <b>2012</b> , 30, 67-74	1.9	30
450	Diagnostic thresholds for ambulatory blood pressure moving lower: a review based on a meta-analysis-clinical implications. <i>Journal of Clinical Hypertension</i> , <b>2008</b> , 10, 377-81	2.3	30
449	Epistatic interaction between alpha- and gamma-adducin influences peripheral and central pulse pressures in white Europeans. <i>Journal of Hypertension</i> , <b>2005</b> , 23, 961-9	1.9	30
448	Optimal number of days for home blood pressure measurement. <i>American Journal of Hypertension</i> , <b>2015</b> , 28, 595-603	2.3	29

447	Hyperresponders vs. nonresponder patients after renal denervation: do they differ?. <i>Journal of Hypertension</i> , <b>2014</b> , 32, 2422-7; discussion 2427	1.9	29
446	Of fads, fashion, surrogate endpoints and dual RAS blockade. <i>European Heart Journal</i> , <b>2010</b> , 31, 2205-8	9.5	29
445	Time to re-appraise the role of alpha-1 adrenoceptor antagonists in the management of hypertension?. <i>Journal of Hypertension</i> , <b>2010</b> , 28, 1796-803	1.9	29
444	What is "hypertension"?. <i>Lancet, The</i> , <b>1999</b> , 353, 1541-3	4.0	29
443	Fourier analysis of blood pressure profiles. <i>American Journal of Hypertension</i> , <b>1993</b> , 6, 184S-187S	2.3	29
442	Left Ventricular Structure and Function in Relation to Environmental Exposure to Lead and Cadmium. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	28
441	Prognosis in relation to blood pressure variability: con side of the argument. <i>Hypertension</i> , <b>2015</b> , 65, 1170-9; discussion 1179	8.5	28
440	Renal Denervation for Treatment of Hypertension: a Second Start and New Challenges. <i>Current Hypertension Reports</i> , <b>2016</b> , 18, 6	4.7	28
439	Genome-wide response to antihypertensive medication using home blood pressure measurements: a pilot study nested within the HOMED-BP study. <i>Pharmacogenomics</i> , <b>2013</b> , 14, 1709-21	2.6	28
438	Anthropometric and lifestyle factors associated with white-coat, masked and sustained hypertension in a Chinese population. <i>Journal of Hypertension</i> , <b>2007</b> , 25, 2398-405	1.9	28
437	Risk for Incident Heart Failure: A Subject-Level Meta-Analysis From the Heart "OMics" in AGEing (HOMAGE) Study. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	27
436	Catch-up growth in the first two years of life in Extremely Low Birth Weight (ELBW) infants is associated with lower body fat in young adolescence. <i>PLoS ONE</i> , <b>2017</b> , 12, e0173349	3.7	27
435	Left Ventricular Dysfunction and CXCR3 Ligands in Hypertension: From Animal Experiments to a Population-Based Pilot Study. <i>PLoS ONE</i> , <b>2015</b> , 10, e0141394	3.7	27
434	Impact of hypertension on ventricular-arterial coupling and regional myocardial work at rest and during isometric exercise. <i>Journal of the American Society of Echocardiography</i> , <b>2012</b> , 25, 882-90	5.8	27
433	Sodium and potassium and the pathogenesis of hypertension. <i>Current Hypertension Reports</i> , <b>2013</b> , 15, 122-30	4.7	27
432	Breastfeeding leads to lower blood pressure in 7-year-old Japanese children: Tohoku Study of Child Development. <i>Hypertension Research</i> , <b>2013</b> , 36, 117-22	4.7	27
431	Heritability and intrafamilial aggregation of arterial characteristics. <i>Journal of Hypertension</i> , <b>2008</b> , 26, 721-8	1.9	27
430	Arterial characteristics in normotensive offspring of parents with or without a history of hypertension. <i>American Journal of Hypertension</i> , <b>2006</b> , 19, 264-9	2.3	27

429	Ambulatory arterial stiffness index: determinants and outcome. <i>Blood Pressure Monitoring</i> , <b>2006</b> , 11, 107-10	1.3	27
428	Association of peripheral and central arterial wave reflections with the CYP11B2 -344C allele and sodium excretion. <i>Journal of Hypertension</i> , <b>2004</b> , 22, 2311-9	1.9	27
427	Transfer of cadmium from a sandy acidic soil to man: a population study. <i>Environmental Research</i> , <b>1992</b> , 58, 25-34	7.9	27
426	Randomised double-blind comparison of placebo and active drugs for effects on risks associated with blood pressure variability in the Systolic Hypertension in Europe trial. <i>PLoS ONE</i> , <b>2014</b> , 9, e103169	3.7	27
425	Are low dehydroepiandrosterone sulphate levels predictive for cardiovascular diseases? A review of prospective and retrospective studies. <i>Acta Cardiologica</i> , <b>2003</b> , 58, 403-10	0.9	27
424	Age-stratified and blood-pressure-stratified effects of blood-pressure-lowering pharmacotherapy for the prevention of cardiovascular disease and death: an individual participant-level data meta-analysis. <i>Lancet, The</i> , <b>2021</b> , 398, 1053-1064	4.0	27
423	Individual participant data meta-analysis to examine interactions between treatment effect and participant-level covariates: Statistical recommendations for conduct and planning. <i>Statistics in Medicine</i> , <b>2020</b> , 39, 2115-2137	2.3	26
422	Hypertension control in community health centers across China: analysis of antihypertensive drug treatment patterns. <i>American Journal of Hypertension</i> , <b>2014</b> , 27, 252-9	2.3	26
421	The International Database of HOme blood pressure in relation to Cardiovascular Outcome (IDHOCO): moving from baseline characteristics to research perspectives. <i>Hypertension Research</i> , <b>2012</b> , 35, 1072-9	4.7	26
420	In-hospital mortality among black patients admitted for hypertension-related disorders in Mbuji Mayi, Congo. <i>American Journal of Hypertension</i> , <b>2009</b> , 22, 643-8	2.3	26
419	Reference values for the arterial pulse wave in Chinese. <i>American Journal of Hypertension</i> , <b>2008</b> , 21, 668-73	2.3	26
418	Defining thresholds for home blood pressure monitoring in octogenarians. <i>Hypertension</i> , <b>2015</b> , 66, 865-73	3.5	25
417	Diurnal Blood Pressure Rhythmicity in Relation to Environmental and Genetic Cues in Untreated Referred Patients. <i>Hypertension</i> , <b>2017</b> , 69, 128-135	8.5	25
416	Tight versus standard blood pressure control in patients with hypertension with and without cardiovascular disease. <i>Hypertension</i> , <b>2014</b> , 63, 475-82	8.5	25
415	Double product reflects the predictive power of systolic pressure in the general population: evidence from 9,937 participants. <i>American Journal of Hypertension</i> , <b>2013</b> , 26, 665-72	2.3	25
414	Dual inhibition of the renin system by aliskiren and valsartan. <i>Lancet, The</i> , <b>2007</b> , 370, 195-196	4.0	25
413	Relationships of heart rate and heart rate variability with conventional and ambulatory blood pressure in the population. <i>Journal of Hypertension</i> , <b>2001</b> , 19, 389-97	1.9	25
412	Longitudinal Changes in LV Structure and Diastolic Function in Relation to Arterial Properties in General Population. <i>JACC: Cardiovascular Imaging</i> , <b>2017</b> , 10, 1307-1316	8.4	24

411	Urinary Proteome and Systolic Blood Pressure as Predictors of 5-Year Cardiovascular and Cardiac Outcomes in a General Population. <i>Hypertension</i> , <b>2015</b> , 66, 52-60	8.5	24
410	Cardiovascular Risk Associated With White-Coat Hypertension: Con Side of the Argument. <i>Hypertension</i> , <b>2017</b> , 70, 676-682	8.5	24
409	Desphospho-uncarboxylated matrix Gla protein is a novel circulating biomarker predicting deterioration of renal function in the general population. <i>Nephrology Dialysis Transplantation</i> , <b>2018</b> , 33, 1122-1128	4.3	24
408	Does Antihypertensive Drug Class Affect Day-to-Day Variability of Self-Measured Home Blood Pressure? The HOMED-BP Study. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5, e002995	6	24
407	Benefits of antihypertensive pharmacologic therapy and blood pressure reduction in outcome trials. <i>Journal of Clinical Hypertension</i> , <b>2003</b> , 5, 66-75	2.3	24
406	Blood pressure variability remains an elusive predictor of cardiovascular outcome. <i>American Journal of Hypertension</i> , <b>2009</b> , 22, 3-4	2.3	23
405	Fetuin-A and arterial stiffness in patients with normal kidney function. <i>Regulatory Peptides</i> , <b>2009</b> , 154, 39-43		23
404	The association of waist circumference with ambulatory blood pressure is independent of alternative adiposity indices. <i>Journal of Hypertension</i> , <b>2007</b> , 25, 1798-806	1.9	23
403	Sodium excretion as a modulator of genetic associations with cardiovascular phenotypes in the European Project on Genes in Hypertension. <i>Journal of Hypertension</i> , <b>2006</b> , 24, 235-42	1.9	23
402	If only cardiologists did properly measure blood pressure. Blood pressure recordings in daily practice and clinical trials. <i>Journal of the American College of Cardiology</i> , <b>2002</b> , 40, 2201-3	15.1	23
401	The effect of spironolactone on cardiovascular function and markers of fibrosis in people at increased risk of developing heart failure: the heart 'OMics' in AGEing (HOMAGE) randomized clinical trial. <i>European Heart Journal</i> , <b>2021</b> , 42, 684-696	9.5	23
400	Effects of spironolactone on serum markers of fibrosis in people at high risk of developing heart failure: rationale, design and baseline characteristics of a proof-of-concept, randomised, precision-medicine, prevention trial. The Heart OMics in AGing (HOMAGE) trial. <i>European Journal of Heart Failure</i> , <b>2020</b> , 22, 1711-1722	12.3	22
399	Left ventricular function in relation to chronic residential air pollution in a general population. <i>European Journal of Preventive Cardiology</i> , <b>2017</b> , 24, 1416-1428	3.9	22
398	Short-term blood pressure variability in relation to outcome in the International Database of Ambulatory blood pressure in relation to Cardiovascular Outcome (IDACO). <i>Acta Cardiologica</i> , <b>2011</b> , 66, 701-6	0.9	22
397	Age dependency of peripheral and central systolic blood pressures: cross-sectional and longitudinal observations in a Chinese population. <i>Hypertension Research</i> , <b>2012</b> , 35, 115-22	4.7	22
396	Interaction between body mass index and alcohol intake in relation to blood pressure in HAN and SHE Chinese. <i>American Journal of Hypertension</i> , <b>2006</b> , 19, 448-53	2.3	22
395	Antihypertensive treatment based on home or office blood pressure--the THOP trial. <i>Blood Pressure Monitoring</i> , <b>2004</b> , 9, 311-4	1.3	22
394	Does B-mode common carotid artery intima-media thickness differ from M-model?. <i>Ultrasound in Medicine and Biology</i> , <b>2001</b> , 27, 1333-6	3.5	22

393	Calcium-channel blockade and cardiovascular prognosis: recent evidence from clinical outcome trials. <i>American Journal of Hypertension</i> , <b>2002</b> , 15, 85S-93S	2.3	22
392	Sham or no sham control: that is the question in trials of renal denervation for resistant hypertension. A systematic meta-analysis. <i>Blood Pressure</i> , <b>2017</b> , 26, 195-203	1.7	21
391	Characteristics and determinants of the sublingual microcirculation in populations of different ethnicity. <i>Hypertension</i> , <b>2015</b> , 65, 993-1001	8.5	21
390	Biomarkers of cardiomyocyte injury and stress identify left atrial and left ventricular remodelling and dysfunction: A population-based study. <i>International Journal of Cardiology</i> , <b>2015</b> , 185, 177-85	3.2	21
389	Relation of Insulin Resistance to Longitudinal Changes in Left Ventricular Structure and Function in a General Population. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	21
388	Renal denervation in treatment-resistant hypertension: the need for restraint and more and better evidence. <i>Expert Review of Cardiovascular Therapy</i> , <b>2013</b> , 11, 739-49	2.5	21
387	Are blood pressure and diabetes additive or synergistic risk factors? Outcome in 8494 subjects randomly recruited from 10 populations. <i>Hypertension Research</i> , <b>2011</b> , 34, 714-21	4.7	21
386	-391 C to G substitution in the regulator of G-protein signalling-2 promoter increases susceptibility to the metabolic syndrome in white European men: consistency between molecular and epidemiological studies. <i>Journal of Hypertension</i> , <b>2007</b> , 25, 117-25	1.9	21
385	Adducin and hypertension. <i>Pharmacogenomics</i> , <b>2005</b> , 6, 665-9	2.6	21
384	Quality of life on randomized treatment for isolated systolic hypertension: results from the Syst-Eur Trial. <i>Journal of Hypertension</i> , <b>2002</b> , 20, 2069-79	1.9	21
383	Short report. <i>Journal of Hypertension</i> , <b>1993</b> , 11, 1289-1298	1.9	21
382	The trough-to-peak ratio as an instrument to evaluate antihypertensive drugs. The APTH Investigators. Ambulatory Blood Pressure and Treatment of Hypertension Trial. <i>Hypertension</i> , <b>1995</b> , 26, 942-9	8.5	21
381	Xanthine oxidase gene variants and their association with blood pressure and incident hypertension: a population study. <i>Journal of Hypertension</i> , <b>2016</b> , 34, 2147-54	1.9	21
380	Office blood pressure measurement in the 21st century. <i>Journal of Clinical Hypertension</i> , <b>2018</b> , 20, 1104-1107	1.3	20
379	Phenotyping the microcirculation. <i>Hypertension</i> , <b>2012</b> , 60, 523-7	8.5	20
378	Association between arterial properties and renal sodium handling in a general population. <i>Hypertension</i> , <b>2006</b> , 48, 609-15	8.5	20
377	Dementia and antihypertensive treatment. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2004</b> , 13, 225-30	3.5	20
376	Relationship between left ventricular mass and the ACE D/I polymorphism varies according to sodium intake. <i>Journal of Hypertension</i> , <b>2004</b> , 22, 287-95	1.9	20

375	Alcohol intake modulates the genetic association between HDL cholesterol and the PPARGgamma2 Pro12Ala polymorphism. <i>Journal of Lipid Research</i> , <b>2005</b> , 46, 913-9	6.3	20
374	Potential adverse effects of blood pressure lowering--J-curve revisited. <i>Lancet, The</i> , <b>1996</b> , 348, 696-7	4.0	20
373	Determining the trough-to-peak ratio in parallel-group trials. Systolic Hypertension in Europe (SYST-EUR) Trial Investigators. <i>Hypertension</i> , <b>1997</b> , 29, 659-67	8.5	20
372	Vitamin K-Dependent Matrix Gla Protein as Multifaceted Protector of Vascular and Tissue Integrity. <i>Hypertension</i> , <b>2019</b> , 73, 1160-1169	8.5	19
371	Age dependency of central and peripheral systolic blood pressures: cross-sectional and longitudinal observations in European populations. <i>Blood Pressure</i> , <b>2012</b> , 21, 58-68	1.7	19
370	Isolated nocturnal hypertension and arterial stiffness in a Chinese population. <i>Blood Pressure Monitoring</i> , <b>2008</b> , 13, 157-9	1.3	19
369	Diagnostic thresholds for ambulatory blood pressure monitoring based on 10-year cardiovascular risk. <i>Blood Pressure Monitoring</i> , <b>2007</b> , 12, 393-5	1.3	19
368	Maternal and paternal influences on left ventricular mass of offspring. <i>Hypertension</i> , <b>2003</b> , 41, 69-74	8.5	19
367	Blood pressure phenotypes in relation to the beta-adducin C1797T polymorphism in the European Project on Genes in Hypertension (EPOGH). <i>Blood Pressure Monitoring</i> , <b>2003</b> , 8, 151-4	1.3	19
366	Ambulatory monitoring uncorrected for placebo overestimates long-term antihypertensive action. Systolic Hypertension in Europe (SYST-EUR) Trial Investigators. <i>Hypertension</i> , <b>1996</b> , 27, 414-20	8.5	19
365	Diastolic Left Ventricular Function in Relation to Urinary and Serum Collagen Biomarkers in a General Population. <i>PLoS ONE</i> , <b>2016</b> , 11, e0167582	3.7	19
364	Peripheral blood mitochondrial DNA content in relation to circulating metabolites and inflammatory markers: A population study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0181036	3.7	19
363	Insulin Resistance in Relation to Lipids and Inflammation in Type-2 Diabetic Patients and Non-Diabetic People. <i>PLoS ONE</i> , <b>2016</b> , 11, e0153171	3.7	19
362	Doppler indexes of left ventricular systolic and diastolic function in relation to the arterial stiffness in a general population. <i>Journal of Hypertension</i> , <b>2016</b> , 34, 762-71	1.9	19
361	Renal function in relation to sodium intake: a quantitative review of the literature. <i>Kidney International</i> , <b>2017</b> , 92, 67-78	9.9	18
360	Glomerular function in relation to circulating adhesion molecules and inflammation markers in a general population. <i>Nephrology Dialysis Transplantation</i> , <b>2018</b> , 33, 426-435	4.3	18
359	Patterns of ambulatory blood pressure: clinical relevance and application. <i>Journal of Clinical Hypertension</i> , <b>2018</b> , 20, 1112-1115	2.3	18
358	Responses of the ambulatory arterial stiffness index and other measures of arterial function to antihypertensive drugs. <i>Hypertension Research</i> , <b>2011</b> , 34, 489-95	4.7	18



357	Relationship between ambulatory blood pressure and follow-up clinic blood pressure in elderly patients with systolic hypertension. <i>Journal of Hypertension</i> , <b>2004</b> , 22, 81-7	1.9	18
356	Does Extremely Low Birth Weight Predispose to Low-Renin Hypertension?. <i>Hypertension</i> , <b>2017</b> , 69, 443-449	4.9	17
355	Results of a randomized controlled pilot trial of intravascular renal denervation for management of treatment-resistant hypertension. <i>Blood Pressure</i> , <b>2017</b> , 26, 321-331	1.7	17
354	The Diurnal Profile of Central Hemodynamics in a General Uruguayan Population. <i>American Journal of Hypertension</i> , <b>2016</b> , 29, 737-46	2.3	17
353	Incidence of nephrolithiasis in relation to environmental exposure to lead and cadmium in a population study. <i>Environmental Research</i> , <b>2016</b> , 145, 1-8	7.9	17
352	Novel Urinary Peptidomic Classifier Predicts Incident Heart Failure. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	17
351	Central systolic augmentation indexes and urinary sodium in a white population. <i>American Journal of Hypertension</i> , <b>2013</b> , 26, 95-103	2.3	17
350	Risk stratification by 24-hour ambulatory blood pressure and estimated glomerular filtration rate in 5322 subjects from 11 populations. <i>Hypertension</i> , <b>2013</b> , 61, 18-26	8.5	17
349	Association of left ventricular mass with the AGTR1 A1166C polymorphism. <i>American Journal of Hypertension</i> , <b>2012</b> , 25, 472-8	2.3	17
348	Pharmacogenomics of primary hypertension--the lessons from the past to look toward the future. <i>Pharmacogenomics</i> , <b>2003</b> , 4, 279-96	2.6	17
347	Meta-Analysis of effectiveness or lack thereof of angiotensin-converting enzyme inhibitors for prevention of heart failure in patients with systemic hypertension. <i>American Journal of Cardiology</i> , <b>2004</b> , 93, 240-3	3	17
346	Isolated systolic hypertension and the risk of vascular disease. <i>Current Hypertension Reports</i> , <b>2003</b> , 5, 372-9	4.7	17
345	OASIS-HT: design of a pharmacogenomic dose-finding study. <i>Pharmacogenomics</i> , <b>2005</b> , 6, 755-75	2.6	17
344	Prediction of acute coronary syndromes by urinary proteome analysis. <i>PLoS ONE</i> , <b>2017</b> , 12, e0172036	3.7	17
343	Evidence-based proposal for the number of ambulatory readings required for assessing blood pressure level in research settings: an analysis of the IDACO database. <i>Blood Pressure</i> , <b>2018</b> , 27, 341-350	1.7	17
342	A Urinary Fragment of Mucin-1 Subunit $\beta$ s a Novel Biomarker Associated With Renal Dysfunction in the General Population. <i>Kidney International Reports</i> , <b>2017</b> , 2, 811-820	4.1	16
341	Diagnosis and management of resistant hypertension: state of the art. <i>Nature Reviews Nephrology</i> , <b>2018</b> , 14, 428-441	14.9	16
340	Thresholds for conventional and home blood pressure by sex and age in 5018 participants from 5 populations. <i>Hypertension</i> , <b>2014</b> , 64, 695-701	8.5	16



339	Reproducibility of the ambulatory arterial stiffness index in hypertensive patients. <i>Journal of Hypertension</i> , <b>2008</b> , 26, 1993-2000	1.9	16
338	Cardiovascular and metabolic phenotypes in relation to the ADRA2B insertion/deletion polymorphism in a Chinese population. <i>Journal of Hypertension</i> , <b>2005</b> , 23, 2201-7	1.9	16
337	Relationship between treatment-induced changes in left ventricular mass and blood pressure in black african hypertensive patients: results of the Baragwanath Trial. <i>Circulation</i> , <b>2002</b> , 105, 830-6	16.7	16
336	Heart 'omics' in AGEing (HOMAGE): design, research objectives and characteristics of the common database. <i>Journal of Biomedical Research</i> , <b>2014</b> , 28, 349-59	1.5	16
335	Reducing salt intake for prevention of cardiovascular disease--times are changing. <i>Advances in Chronic Kidney Disease</i> , <b>2015</b> , 22, 108-15	4.7	15
334	Association between cognition and the retinal microvasculature in 11-year old children born preterm or at term. <i>Early Human Development</i> , <b>2018</b> , 118, 1-7	2.2	15
333	A population-based approach to assess the heritability and distribution of renal handling of electrolytes. <i>Kidney International</i> , <b>2017</b> , 92, 1536-1543	9.9	15
332	Retinal arteriolar and venular phenotypes in a Flemish population: Reproducibility and correlates. <i>Artery Research</i> , <b>2011</b> , 5, 72	2.2	15
331	Altered molecular weight forms of adiponectin in hypertension. <i>Journal of Clinical Hypertension</i> , <b>2009</b> , 11, 11-6	2.3	15
330	Is "usual" blood pressure a proxy for 24-h ambulatory blood pressure in predicting cardiovascular outcomes?. <i>American Journal of Hypertension</i> , <b>2008</b> , 21, 994-1000	2.3	15
329	Blood pressure, serum total cholesterol and contraceptive pill use in 17-year-old girls. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , <b>2003</b> , 10, 438-42		15
328	Comparison of conventional and automated blood pressure measurements: interim analysis of the THOP trial. Treatment of Hypertension According to Home or Office Blood Pressure. <i>Blood Pressure Monitoring</i> , <b>2002</b> , 7, 61-2	1.3	15
327	Diastolic Left Ventricular Function in Relation to Circulating Metabolic Biomarkers in a General Population. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5, e002681	6	15
326	Effects of Intensive Blood Pressure Treatment on Orthostatic Hypotension : A Systematic Review and Individual Participant-based Meta-analysis. <i>Annals of Internal Medicine</i> , <b>2021</b> , 174, 58-68	8	15
325	Cardiovascular End Points and Mortality Are Not Closer Associated With Central Than Peripheral Pulsatile Blood Pressure Components. <i>Hypertension</i> , <b>2020</b> , 76, 350-358	8.5	14
324	Epidemiologic observations guiding clinical application of a urinary peptidomic marker of diastolic left ventricular dysfunction. <i>Journal of the American Society of Hypertension</i> , <b>2018</b> , 12, 438-447.e4		14
323	Blood pressure measurement in special populations and circumstances. <i>Journal of Clinical Hypertension</i> , <b>2018</b> , 20, 1122-1127	2.3	14
322	Cardiovascular drugs and cancer: of competing risk, smallpox, Bernoulli, and d'Alembert. <i>European Heart Journal</i> , <b>2013</b> , 34, 1095-8	9.5	14

321	Heritability of the retinal microcirculation in Flemish families. <i>American Journal of Hypertension</i> , <b>2013</b> , 26, 392-9	2.3	14
320	Amlodipine better than lisinopril? How one randomized clinical trial ended fallacies from observational studies. <i>Hypertension</i> , <b>2006</b> , 48, 359-61	8.5	14
319	Prevalence, pathophysiology and treatment of isolated systolic hypertension in the elderly. <i>Expert Review of Cardiovascular Therapy</i> , <b>2004</b> , 2, 761-9	2.5	14
318	Urinary peptides in heart failure: a link to molecular pathophysiology. <i>European Journal of Heart Failure</i> , <b>2021</b> , 23, 1875-1887	12.3	14
317	Relationship between office and home blood pressure with increasing age: The International Database of HOme blood pressure in relation to Cardiovascular Outcome (IDHOCO). <i>Hypertension Research</i> , <b>2016</b> , 39, 612-7	4.7	14
316	Conventional and Ambulatory Blood Pressure as Predictors of Retinal Arteriolar Narrowing. <i>Hypertension</i> , <b>2016</b> , 68, 511-20	8.5	14
315	Design and feasibility of "PREMATurity as predictor of children's Cardiovascular-renal Health" (PREMATCH): A pilot study. <i>Blood Pressure</i> , <b>2015</b> , 24, 275-83	1.7	13
314	Ambulatory blood pressure and long-term risk for atrial fibrillation. <i>Heart</i> , <b>2018</b> , 104, 1263-1270	5.1	13
313	Outcome-Driven Thresholds for Ambulatory Blood Pressure Based on the New American College of Cardiology/American Heart Association Classification of Hypertension. <i>Hypertension</i> , <b>2019</b> , 74, 776-783	8.5	13
312	Opposing Age-Related Trends in Absolute and Relative Risk of Adverse Health Outcomes Associated With Out-of-Office Blood Pressure. <i>Hypertension</i> , <b>2019</b> , 74, 1333-1342	8.5	13
311	Does blood pressure variability contribute to risk stratification? Methodological issues and a review of outcome studies based on home blood pressure. <i>Hypertension Research</i> , <b>2015</b> , 38, 97-101	4.7	13
310	Reference frame for home pulse pressure based on cardiovascular risk in 6470 subjects from 5 populations. <i>Hypertension Research</i> , <b>2014</b> , 37, 672-8	4.7	13
309	Blood pressure variability in risk stratification: What does it add?. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2014</b> , 41, 1-8	3	13
308	Left ventricular geometry and endogenous ouabain in a Flemish population. <i>Journal of Hypertension</i> , <b>2009</b> , 27, 1884-91	1.9	13
307	Effects of genetic variation in adducin on left ventricular diastolic function as assessed by tissue Doppler imaging in a Flemish population. <i>Journal of Hypertension</i> , <b>2008</b> , 26, 1229-36	1.9	13
306	Is blood pressure during the night more predictive of cardiovascular outcome than during the day?. <i>Blood Pressure Monitoring</i> , <b>2008</b> , 13, 145-7	1.3	13
305	Dipping deeper into the ambulatory arterial stiffness index. <i>Hypertension</i> , <b>2007</b> , 50, e59-60; author reply e61-2	8.5	13
304	The benefit of treating isolated systolic hypertension. <i>Current Hypertension Reports</i> , <b>2001</b> , 3, 333-9	4.7	13

303	Critical appraisal of the JNC VI, WHO/ISH and BHS guidelines for essential hypertension. <i>Expert Opinion on Pharmacotherapy</i> , <b>2000</b> , 1, 675-82	4	13
302	Proteomic and Mechanistic Analysis of Spironolactone in Patients at Risk for HF. <i>JACC: Heart Failure</i> , <b>2021</b> , 9, 268-277	7.9	13
301	Ambulatory Blood Pressure Monitoring to Diagnose and Manage Hypertension. <i>Hypertension</i> , <b>2021</b> , 77, 254-264	8.5	13
300	Associations of plasma uric acid and purine metabolites with blood pressure in children: the KOALA Birth Cohort Study. <i>Journal of Hypertension</i> , <b>2017</b> , 35, 982-993	1.9	12
299	Blood pressure response to renal denervation is correlated with baseline blood pressure variability: a patient-level meta-analysis. <i>Journal of Hypertension</i> , <b>2018</b> , 36, 221-229	1.9	12
298	Genetics of ion homeostasis in Ménière's Disease. <i>European Archives of Oto-Rhino-Laryngology</i> , <b>2017</b> , 274, 757-763	3.5	12
297	Rationale and design of the Investigator-Steered Project on Intravascular Renal Denervation for Management of Drug-Resistant Hypertension (INSPIRED) trial. <i>Blood Pressure</i> , <b>2014</b> , 23, 138-46	1.7	12
296	Association of digital vascular function with cardiovascular risk factors: a population study. <i>BMJ Open</i> , <b>2014</b> , 4, e004399	3	12
295	Sum and substance in the Jikei Heart Study. <i>Lancet, The</i> , <b>2007</b> , 369, 1407-1408	40	12
294	Fracture risk and the use of a diuretic (indapamide SR) +/- perindopril: a substudy of the Hypertension in the Very Elderly Trial (HYVET). <i>Trials</i> , <b>2006</b> , 7, 33	2.8	12
293	Prevalence of hypertension, hypercholesterolemia, smoking and overweight in older Belgian adolescents. <i>European Journal of Public Health</i> , <b>2004</b> , 14, 361-5	2.1	12
292	Risk and benefit of treatment of isolated systolic hypertension in the elderly: evidence from the Systolic Hypertension in Europe Trial. <i>Current Opinion in Cardiology</i> , <b>2001</b> , 16, 342-8	2.1	12
291	Prevention of dementia: Syst-Eur trial. <i>Lancet, The</i> , <b>1999</b> , 353, 236-237	40	12
290	Short report: low-level lead exposure does not increase the blood pressure in the general population. Cadmibel Study Group. <i>Journal of Hypertension</i> , <b>1993</b> , 11, 589-93	1.9	12
289	Central Hemodynamics in Relation to Circulating Desphospho-Uncarboxylated Matrix Gla Protein: A Population Study. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e011960	6	11
288	Cytokines profile in hypertensive patients with left ventricular remodeling and dysfunction. <i>Journal of the American Society of Hypertension</i> , <b>2015</b> , 9, 975-84.e3		11
287	Association of office and ambulatory blood pressure with blood lead in workers before occupational exposure. <i>Journal of the American Society of Hypertension</i> , <b>2018</b> , 12, 14-24		11
286	Brachial-ankle pulse wave velocity compared with mean arterial pressure and pulse pressure in risk stratification in a Chinese population. <i>Journal of Hypertension</i> , <b>2018</b> , 36, 528-536	1.9	11

285	Renal glomerular dysfunction in relation to retinal arteriolar narrowing and high pulse pressure in seniors. <i>Hypertension Research</i> , <b>2016</b> , 39, 138-43	4.7	11
284	Impact of psychological profile on drug adherence and drug resistance in patients with apparently treatment-resistant hypertension. <i>Blood Pressure</i> , <b>2018</b> , 27, 358-367	1.7	11
283	Relationship between maternal gestational hypertension and home blood pressure in 7-year-old children and their mothers: Tohoku Study of Child Development. <i>Hypertension Research</i> , <b>2015</b> , 38, 776-82	4.7	11
282	Renal denervation in treatment-resistant hypertension: a reappraisal. <i>Current Opinion in Pharmacology</i> , <b>2015</b> , 21, 48-52	5.1	11
281	Heritability of left ventricular structure and function in Caucasian families. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2011</b> , 12, 326-32	4.1	11
280	Rationale and methodology of monitoring ambulatory blood pressure and arterial compliance in the Hypertension in the Very Elderly Trial. <i>Blood Pressure Monitoring</i> , <b>2006</b> , 11, 3-8	1.3	11
279	Benefit of antihypertensive treatment in the diabetic patients enrolled in the Systolic Hypertension in Europe (Syst-Eur) trial. <i>Cardiovascular Drugs and Therapy</i> , <b>2000</b> , 14, 49-53	3.9	11
278	Trough-to-peak versus surface ratio in the assessment of antihypertensive agents. APTH Investigators. Ambulatory Blood Pressure and Treatment of Hypertension. <i>Blood Pressure</i> , <b>1995</b> , 4, 350-7	7.7	11
277	Psycho-emotional stress and salt intake may interact to raise blood pressure. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , <b>1994</b> , 1, 45-51		11
276	Is a positive association between lead exposure and blood pressure supported by animal experiments?. <i>Current Opinion in Nephrology and Hypertension</i> , <b>1994</b> , 3, 257-63	3.5	11
275	Temporal changes in left ventricular longitudinal strain in general population: Clinical correlates and impact on cardiac remodeling. <i>Echocardiography</i> , <b>2019</b> , 36, 458-468	1.5	11
274	Inactive matrix Gla protein is a novel circulating biomarker predicting retinal arteriolar narrowing in humans. <i>Scientific Reports</i> , <b>2018</b> , 8, 15088	4.9	11
273	Flow-mediated slowing of brachial-radial pulse wave velocity: Methodological aspects and clinical determinants. <i>Artery Research</i> , <b>2018</b> , 21, 29	2.2	10
272	Associations of Urinary Caffeine and Caffeine Metabolites With Arterial Stiffness in a Large Population-Based Study. <i>Mayo Clinic Proceedings</i> , <b>2018</b> , 93, 586-596	6.4	10
271	Retinal microvascular diameter, a hypertension-related trait, in ECG-gated vs. non-gated images analyzed by IVAN and SIVA. <i>Hypertension Research</i> , <b>2016</b> , 39, 886-892	4.7	10
270	First-in-man randomized clinical trial of renal denervation for atrial arrhythmia raises concern. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, e445-e446	15.1	10
269	PEAR1 is not a major susceptibility gene for cardiovascular disease in a Flemish population. <i>BMC Medical Genetics</i> , <b>2017</b> , 18, 45	2.1	10
268	Coronary risk in relation to genetic variation in MEOX2 and TCF15 in a Flemish population. <i>BMC Genetics</i> , <b>2015</b> , 16, 116	2.6	10

267	Estimation of Glomerular Filtration Rate Based on Serum Cystatin C versus Creatinine in a Uruguayan Population. <i>International Journal of Nephrology</i> , <b>2014</b> , 2014, 837106	1.7	10
266	Mother-offspring aggregation in home versus conventional blood pressure in the Tohoku Study of Child Development (TSCD). <i>Acta Cardiologica</i> , <b>2012</b> , 67, 449-56	0.9	10
265	Arterial properties in relation to genetic variations in the adducin subunits in a white population. <i>American Journal of Hypertension</i> , <b>2009</b> , 22, 21-6	2.3	10
264	Association of echocardiographic left ventricular structure with the ACE D/I polymorphism: a meta-analysis. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , <b>2011</b> , 12, 243-53	3	10
263	Characterization and functional analyses of the human G protein-coupled receptor kinase 4 gene promoter. <i>Hypertension</i> , <b>2008</b> , 52, 737-46	8.5	10
262	SAH gene variants revisited in the European Project On Genes in Hypertension. <i>Journal of Hypertension</i> , <b>2008</b> , 26, 244-50	1.9	10
261	Compared with whom? Addressing the prognostic value of ambulatory blood pressure categories. <i>Hypertension</i> , <b>2006</b> , 47, 820-1	8.5	10
260	Risks of smoking in treated and untreated older Chinese patients with isolated systolic hypertension. <i>Journal of Hypertension</i> , <b>2001</b> , 19, 187-92	1.9	10
259	Detection of cerebral aging, an absolute need: predictive value of cognitive status. <i>European Neurology</i> , <b>1998</b> , 39 Suppl 1, 2-6	2.1	10
258	Associations of orthostatic blood pressure fall in older patients with isolated systolic hypertension. <i>Journal of Hypertension</i> , <b>1996</b> , 14, 943-950	1.9	10
257	Data Sharing Under the General Data Protection Regulation: Time to Harmonize Law and Research Ethics?. <i>Hypertension</i> , <b>2021</b> , 77, 1029-1035	8.5	10
256	Vitamin-K-Dependent Protection of the Renal Microvasculature: Histopathological Studies in Normal and Diseased Kidneys. <i>Pulse</i> , <b>2016</b> , 4, 85-91	1.6	10
255	Blood Pressure in relation to 24-Hour Urinary Sodium and Potassium Excretion in a Uruguayan Population Sample. <i>International Journal of Hypertension</i> , <b>2018</b> , 2018, 6956078	2.4	10
254	Independent effects of blood pressure and parathyroid hormone on aortic pulse wave velocity in untreated Chinese patients. <i>Journal of Hypertension</i> , <b>2017</b> , 35, 1841-1848	1.9	9
253	Study for Promotion of Health in Recycling Lead - Rationale and design. <i>Blood Pressure</i> , <b>2015</b> , 24, 147-57	1.7	9
252	The rationale and design of reduction of uncontrolled hypertension by Remote Monitoring and Telemedicine (REMOTE) study. <i>Blood Pressure</i> , <b>2018</b> , 27, 99-105	1.7	9
251	The risk of nephrolithiasis is causally related to inactive matrix Gla protein, a marker of vitamin K status: a Mendelian randomization study in a Flemish population. <i>Nephrology Dialysis Transplantation</i> , <b>2018</b> , 33, 514-522	4.3	9
250	Variation of PEAR1 DNA methylation influences platelet and leukocyte function. <i>Clinical Epigenetics</i> , <b>2019</b> , 11, 151	7.7	9

249	Office and Home Blood Pressures as Determinants of Electrocardiographic Left Ventricular Hypertrophy Among Black Nigerians Compared With White Flemish. <i>American Journal of Hypertension</i> , <b>2017</b> , 30, 1083-1092	2.3	9
248	Heritability of ambulatory and office blood pressure in the Swiss population. <i>Journal of Hypertension</i> , <b>2015</b> , 33, 2061-7	1.9	9
247	Rationale and design of the Newer Versus Older Antihypertensive Agents in African Hypertensive Patients (NOAAH) trial. <i>Blood Pressure</i> , <b>2011</b> , 20, 256-66	1.7	9
246	'Beyond blood pressure' means multiple risk factor intervention, not pleiotropic antihypertensive drugs. <i>Current Opinion in Cardiology</i> , <b>2007</b> , 22, 335-43	2.1	9
245	Implications of the Systolic Hypertension in China trial. <i>Clinical and Experimental Hypertension</i> , <b>1999</b> , 21, 499-505	2.2	9
244	Life style as a blood pressure determinant. <i>Journal of the Royal Society of Medicine</i> , <b>1996</b> , 89, 484-9	2.3	9
243	STK39 and WNK1 Are Potential Hypertension Susceptibility Genes in the BELHYPGEN Cohort. <i>Medicine (United States)</i> , <b>2016</b> , 95, e2968	1.8	9
242	Prevalence and Determinants of Masked Hypertension Among Black Nigerians Compared With a Reference Population. <i>Hypertension</i> , <b>2016</b> , 67, 1249-55	8.5	9
241	Adherence to antihypertensive drug treatment in patients with apparently treatment-resistant hypertension in the INSPIRED pilot study. <i>Blood Pressure</i> , <b>2019</b> , 28, 168-172	1.7	8
240	Management of a Pregnant Woman With Fibromuscular Dysplasia. <i>Hypertension</i> , <b>2018</b> , 71, 540-547	8.5	8
239	ECG Voltage in Relation to Peripheral and Central Ambulatory Blood Pressure. <i>American Journal of Hypertension</i> , <b>2018</b> , 31, 178-187	2.3	8
238	Quality control of the blood pressure phenotype in the Gaoyou population study. <i>Blood Pressure</i> , <b>2016</b> , 25, 162-8	1.7	8
237	Quality of blood pressure phenotype in the Nigerian Population Research on Environment Gene and Health. <i>Blood Pressure Monitoring</i> , <b>2014</b> , 19, 220-5	1.3	8
236	Progress report on the first sub-Saharan Africa trial of newer versus older antihypertensive drugs in native black patients. <i>Trials</i> , <b>2012</b> , 13, 59	2.8	8
235	cGMP-dependent protein kinase 1 polymorphisms underlie renal sodium handling impairment. <i>Hypertension</i> , <b>2013</b> , 62, 1027-33	8.5	8
234	Urinary nitric oxide metabolites and individual blood pressure progression to overt hypertension. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , <b>2011</b> , 18, 656-63		8
233	Meta-analysis of blood pressure and the CYP11B2 polymorphism highlights the need for better designed studies. <i>Journal of Hypertension</i> , <b>2007</b> , 25, 37-9	1.9	8
232	Intrafamilial correlations of carotid intima-media thickness and flow-mediated dilation in a Siberian population. <i>American Journal of Hypertension</i> , <b>2007</b> , 20, 248-54	2.3	8



231	What can be expected from optimal blood pressure control?. <i>Journal of Hypertension</i> , <b>2003</b> , 21, S3-9	1.9	8
230	VALUE: analysis of results. <i>Lancet, The</i> , <b>2004</b> , 364, 931; author reply 935	4.0	8
229	How well can blood pressure be controlled? Progress report on the Systolic Hypertension in Europe Follow-Up Study (Syst-Eur 2). <i>Current Controlled Trials in Cardiovascular Medicine</i> , <b>2001</b> , 2, 298-306		8
228	Characteristics of conventional blood pressure in studies on the predictive power of ambulatory blood pressure. <i>Blood Pressure Monitoring</i> , <b>2002</b> , 7, 33-6	1.3	8
227	Withdrawal from treatment in the Syst-Eur Trial. <i>Journal of Hypertension</i> , <b>2002</b> , 20, 339-46	1.9	8
226	Association of left ventricular structure and function with peripheral blood mitochondrial DNA content in a general population. <i>International Journal of Cardiology</i> , <b>2016</b> , 214, 180-8	3.2	8
225	Urinary Peptidomic Biomarker for Personalized Prevention and Treatment of Diastolic Left Ventricular Dysfunction. <i>Proteomics - Clinical Applications</i> , <b>2019</b> , 13, e1800174	3.1	8
224	Renal sympathetic denervation after Symplicity HTN-3 and therapeutic drug monitoring in severe hypertension. <i>Frontiers in Physiology</i> , <b>2015</b> , 6, 9	4.6	7
223	Ibuprofen exposure in early neonatal life does not affect renal function in young adolescence. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , <b>2018</b> , 103, F107-F111	4.7	7
222	Persistence of Masked Hypertension in Chinese Patients. <i>American Journal of Hypertension</i> , <b>2016</b> , 29, 326-31	2.3	7
221	Response to Masked hypertension in untreated and treated patients with diabetes mellitus: attractive but questionable interpretations and response to Is masked hypertension related to diabetes mellitus?. <i>Hypertension</i> , <b>2013</b> , 62, e23-5	8.5	7
220	Prognostic significance of home arterial stiffness index derived from self-measurement of blood pressure: the Ohasama Study. <i>American Journal of Hypertension</i> , <b>2012</b> , 25, 67-73	2.3	7
219	Morbidity and mortality on combination versus monotherapy: a posthoc analysis of the Systolic Hypertension in Europe trial. <i>Journal of Hypertension</i> , <b>2010</b> , 28, 865-74	1.9	7
218	Hypertension drug trials based on ambulatory blood pressure monitoring: when is a double-blind controlled design needed?. <i>Journal of Hypertension</i> , <b>2003</b> , 21, 1237-9	1.9	7
217	Registration of trials and protocols. <i>Lancet, The</i> , <b>2003</b> , 362, 1009-10	4.0	7
216	Peripheral arterial disease and metals in urine and blood. <i>Environmental Health Perspectives</i> , <b>2005</b> , 113, A510-1; author reply A511	8.4	7
215	Conventional therapy and newer drug classes for cardiovascular protection in hypertension. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2002</b> , 13 Suppl 3, S208-15	12.7	7
214	Dementia and statins. <i>Lancet, The</i> , <b>2001</b> , 357, 880; author reply 880-1	4.0	7



213	Treatment of diabetic patients with hypertension. <i>Current Hypertension Reports</i> , <b>1999</b> , 1, 225-31	4.7	7
212	Urinary Proteomics in Predicting Heart Transplantation Outcomes (uPROPHET)-Rationale and database description. <i>PLoS ONE</i> , <b>2017</b> , 12, e0184443	3.7	7
211	Epidemiological and histological findings implicate matrix Gla protein in diastolic left ventricular dysfunction. <i>PLoS ONE</i> , <b>2018</b> , 13, e0193967	3.7	7
210	A urinary peptidomic profile predicts outcome in SARS-CoV-2-infected patients. <i>EClinicalMedicine</i> , <b>2021</b> , 36, 100883	11.3	7
209	Diastolic left ventricular function in relation to circulating metabolic biomarkers in a population study. <i>European Journal of Preventive Cardiology</i> , <b>2019</b> , 26, 22-32	3.9	7
208	Association of Fatal and Nonfatal Cardiovascular Outcomes With 24-Hour Mean Arterial Pressure. <i>Hypertension</i> , <b>2021</b> , 77, 39-48	8.5	7
207	Polygenic prediction of educational attainment within and between families from genome-wide association analyses in 3 million individuals.. <i>Nature Genetics</i> , <b>2022</b> ,	36.3	7
206	Retinal Microvasculature in Relation to Central Hemodynamics in a Flemish Population. <i>Hypertension</i> , <b>2019</b> , 74, 606-613	8.5	6
205	Influence of the hospital environment and presence of the physician on the white-coat effect. <i>Journal of Hypertension</i> , <b>2015</b> , 33, 2245-9	1.9	6
204	Renal sympathetic denervation after Symplicity HTN-3 and therapeutic drug monitoring in patients with resistant hypertension to improve patients' adherence. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , <b>2015</b> , 1, 48-56	6.4	6
203	Association of left ventricular diastolic function with systolic dyssynchrony: a population study. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2013</b> , 14, 471-9	4.1	6
202	More information on the reproducibility of the ambulatory arterial stiffness index. <i>American Journal of Hypertension</i> , <b>2010</b> , 23, 113-4	2.3	6
201	How many measurements are needed to provide reliable information in terms of the ambulatory arterial stiffness index? The Ohasama study. <i>Hypertension Research</i> , <b>2011</b> , 34, 314-8	4.7	6
200	Ambulatory (AASI), but not home (HASI), arterial stiffness index is associated with aortic pulse wave velocity. <i>Hypertension Research</i> , <b>2011</b> , 34, 402-3	4.7	6
199	Cross-sectional and longitudinal assessment of arterial stiffening with age in European and chinese populations. <i>Frontiers in Physiology</i> , <b>2012</b> , 3, 209	4.6	6
198	Tissue Doppler indexes of left ventricular systolic function in relation to the pulsatile and steady components of blood pressure in a general population. <i>Journal of Hypertension</i> , <b>2012</b> , 30, 403-10	1.9	6
197	Antihypertensives for prevention of Alzheimer's disease. <i>Lancet Neurology, The</i> , <b>2006</b> , 5, 466-8	24.1	6
196	Data from the Dublin outcome study. <i>Blood Pressure Monitoring</i> , <b>2007</b> , 12, 401-3	1.3	6

195	Relation between left ventricular mass and systolic blood pressure at baseline in the APTH and THOP trials. <i>Blood Pressure Monitoring</i> , <b>2003</b> , 8, 173-5	1.3	6
194	Cognitive impairment and blood pressure: quo usque tandem abutere patientia nostra?. <i>Hypertension</i> , <b>2004</b> , 44, 612-3	8.5	6
193	Blood pressure-measuring devices: time to open Pandora's box and regulate. <i>Hypertension</i> , <b>2000</b> , 35, 1037	8.5	6
192	Benefits of antihypertensive drug treatment in elderly patients with isolated systolic hypertension. <i>Netherlands Journal of Medicine</i> , <b>2001</b> , 58, 248-54	0.5	6
191	Cardiac Microvascular Endothelial Cells in Pressure Overload-Induced Heart Disease. <i>Circulation: Heart Failure</i> , <b>2021</b> , 14, e006979	7.6	6
190	Renal artery and parenchymal changes after renal denervation: assessment by magnetic resonance angiography. <i>European Radiology</i> , <b>2017</b> , 27, 3934-3941	8	5
189	Extremely Low Birth Weight Predisposes to Impaired Renal Health: A Pooled Analysis. <i>Kidney and Blood Pressure Research</i> , <b>2019</b> , 44, 897-906	3.1	5
188	Retinal microcirculation and leukocyte telomere length in the general population. <i>Scientific Reports</i> , <b>2018</b> , 8, 7095	4.9	5
187	Systematic review of health outcomes in relation to salt intake highlights the widening divide between guidelines and the evidence. <i>American Journal of Hypertension</i> , <b>2014</b> , 27, 1138-42	2.3	5
186	Characteristics of self-measured home blood pressure in a Nigerian urban community: the NIPREGH study. <i>Blood Pressure Monitoring</i> , <b>2015</b> , 20, 260-5	1.3	5
185	Renal denervation in the management of resistant hypertension: current evidence and perspectives. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2013</b> , 22, 511-8	3.5	5
184	Left ventricular radial function associated with genetic variation in the cGMP-dependent protein kinase. <i>Hypertension</i> , <b>2013</b> , 62, 1034-9	8.5	5
183	Assessment of peripheral vascular function with photoplethysmographic pulse amplitude. <i>Artery Research</i> , <b>2011</b> , 5, 58	2.2	5
182	Are retinal microvascular phenotypes associated with the 1675G/A polymorphism in the angiotensin II type-2 receptor gene?. <i>American Journal of Hypertension</i> , <b>2011</b> , 24, 1300-5	2.3	5
181	Evaluating home blood pressure in treated hypertensives in comparison with the referential value of casual screening of blood pressure: the Ohasama study. <i>Blood Pressure Monitoring</i> , <b>2012</b> , 17, 89-95	1.3	5
180	A family-based association test to detect gene-gene interactions in the presence of linkage. <i>European Journal of Human Genetics</i> , <b>2012</b> , 20, 973-80	5.3	5
179	Hypertension Optimal Treatment (HOT) trial. <i>Lancet, The</i> , <b>1998</b> , 352, 573; author reply 574-5	4.0	5
178	Reducing blood pressure in people of different ages. <i>BMJ, The</i> , <b>2008</b> , 336, 1080-1	5.9	5

177	Putting a spin on the ambulatory arterial stiffness index. <i>Journal of Hypertension</i> , <b>2008</b> , 26, 1266-7; author reply 1267-9	1.9	5
176	Renal function in relation to three candidate genes in a Chinese population. <i>Journal of Molecular Medicine</i> , <b>2004</b> , 82, 715-22	5.5	5
175	Hypertension and low-level lead exposure: a scientific issue or a matter of faith?. <i>Hypertension</i> , <b>2003</b> , 42, e9; author reply e9	8.5	5
174	Noncardiovascular illness as barrier to antihypertensive treatment. <i>Hypertension</i> , <b>2005</b> , 46, 255-6	8.5	5
173	Improved outcomes with antihypertensive medication in the elderly with isolated systolic hypertension. <i>Drugs and Aging</i> , <b>2001</b> , 18, 345-53	4.7	5
172	Ambulatory blood pressure monitoring in clinical trials. <i>Annals of the New York Academy of Sciences</i> , <b>1996</b> , 783, 295-303	6.5	5
171	Efficacy of antihypertensive drugs given once a day. <i>Journal of Hypertension</i> , <b>1994</b> , 12, 107-116	1.9	5
170	Renal denervation: time to open Pandora's box. <i>Swiss Medical Weekly</i> , <b>2012</b> , 142, w13638	3.1	5
169	Associations of Left Ventricular Structure and Function With Blood Pressure in Heart Failure With Preserved Ejection Fraction: Analysis of the TOPCAT Trial. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e016009	6	5
168	Renal Resistive Index Is Associated With Inactive Matrix Gla (ECarboxyglutamate) Protein in an Adult Population-Based Study. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e013558	6	4
167	PEAR1 is not a human hypertension-susceptibility gene. <i>Blood Pressure</i> , <b>2015</b> , 24, 61-4	1.7	4
166	Hypertension: Renal denervation-promising data from the DENERHTN trial. <i>Nature Reviews Nephrology</i> , <b>2015</b> , 11, 258-60	14.9	4
165	Reproducibility of Retinal Microvascular Traits Decoded by the Singapore I Vessel Assessment Software Across the Human Age Range. <i>American Journal of Hypertension</i> , <b>2018</b> , 31, 438-449	2.3	4
164	Letter to editor: Blood pressure, hypertension and lead exposure. <i>Environmental Health</i> , <b>2018</b> , 17, 16	6	4
163	Area of the pressure-strain loop during ejection as non-invasive index of left ventricular performance: a population study. <i>Cardiovascular Ultrasound</i> , <b>2019</b> , 17, 15	2.4	4
162	Implementing Automated Office Blood Pressure Measurement. <i>Hypertension</i> , <b>2019</b> , 74, 441-449	8.5	4
161	Hypertension. Age-specificity of blood-pressure-associated complications. <i>Nature Reviews Cardiology</i> , <b>2014</b> , 11, 499-501	14.8	4
160	No support for renal denervation in a meta-analysis. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 2029-2030	15.1	4

159	Risk Associated with Pulse Pressure on Out-of-Office Blood Pressure Measurement. <i>Pulse</i> , <b>2014</b> , 2, 42-51.	1.6	4
158	Left ventricular diastolic function associated with common genetic variation in ATP12A in a general population. <i>BMC Medical Genetics</i> , <b>2014</b> , 15, 121	2.1	4
157	Secondary prevention after ischemic stroke. <i>New England Journal of Medicine</i> , <b>2012</b> , 367, 675; author reply 676-7	59.2	4
156	Methodological issues in the assessment of cognitive decline in ONTARGET and TRANSCEND. <i>Lancet Neurology</i> , <b>2011</b> , 10, 22-4	24.1	4
155	Is arterial stiffness related to body height?. <i>Hypertension</i> , <b>2010</b> , 55, e24-5	8.5	4
154	Periodontal disease and hypertension: a chicken and egg story?. <i>Journal of Hypertension</i> , <b>2010</b> , 28, 2382-3.	3.9	4
153	From pioneering to implementing automated blood pressure measurement in clinical practice: Thomas Pickering's legacy. <i>Blood Pressure Monitoring</i> , <b>2010</b> , 15, 72-81	1.3	4
152	Response to Correlating Ambulatory Blood Pressure Measurements With Arterial Stiffness: A Conceptual Inconsistency. <i>Hypertension</i> , <b>2006</b> , 48,	8.5	4
151	Renin turning full circle as cardiovascular risk factor. <i>European Heart Journal</i> , <b>2007</b> , 28, 2557-8	9.5	4
150	Convergence of atherosclerosis and Alzheimer's disease. <i>Lancet, The</i> , <b>2004</b> , 363, 2091; author reply 2092-4	4.0	4
149	Ambulatory and conventional pulse pressures and mean pressures as determinants of the Sokolow-Lyon ECG voltage index in older patients with systolic hypertension. <i>Blood Pressure Monitoring</i> , <b>2001</b> , 6, 197-202	1.3	4
148	Antihypertensive drug therapy in older patients. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2001</b> , 10, 263-9	3.5	4
147	Clinical trials in isolated systolic hypertension. <i>Current Hypertension Reports</i> , <b>1999</b> , 1, 387-93	4.7	4
146	Hypertension Caused by Low-Level Lead Exposure: Myth or Fact?. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , <b>1994</b> , 1, 87-97		4
145	Neurocognitive function in relation to blood lead among young men prior to chronic occupational exposure. <i>Scandinavian Journal of Work, Environment and Health</i> , <b>2019</b> , 45, 298-307	4.3	4
144	Nigerian Population Research on Environment, Gene and Health (NIPREGH) - objectives and protocol. <i>Journal of Biomedical Research</i> , <b>2014</b> , 28, 360-7	1.5	4
143	A novel urinary biomarker predicts 1-year mortality after discharge from intensive care. <i>Critical Care</i> , <b>2020</b> , 24, 10	10.8	4
142	Discovery, validation and sequencing of urinary peptides for diagnosis of liver fibrosis-A multicentre study. <i>EBioMedicine</i> , <b>2020</b> , 62, 103083	8.8	4

141	Starting Antihypertensive Drug Treatment With Combination Therapy: Controversies in Hypertension - Con Side of the Argument. <i>Hypertension</i> , <b>2021</b> , 77, 788-798	8.5	4
140	Relative and Absolute Risk to Guide the Management of Pulse Pressure, an Age-Related Cardiovascular Risk Factor. <i>American Journal of Hypertension</i> , <b>2021</b> , 34, 929-938	2.3	4
139	Biomarkers to Assess Right Heart Pressures in Recipients of a Heart Transplant: A Proof-of-Concept Study. <i>Transplantation Direct</i> , <b>2018</b> , 4, e346	2.3	4
138	CD99 and polymeric immunoglobulin receptor peptides deregulation in critical COVID-19: A potential link to molecular pathophysiology?. <i>Proteomics</i> , <b>2021</b> , 21, e2100133	4.8	4
137	Interpretation of Population Health Metrics: Environmental Lead Exposure as Exemplary Case. <i>Hypertension</i> , <b>2020</b> , 75, 603-614	8.5	3
136	Urinary peptidomic biomarkers of renal function in heart transplant recipients. <i>Nephrology Dialysis Transplantation</i> , <b>2019</b> , 34, 1336-1343	4.3	3
135	Renovascular hypertension: to stent or not to stent?. <i>Hypertension</i> , <b>2014</b> , 64, 1165-8	8.5	3
134	Cardiovascular risk factors among the inhabitants of an urban Congolese community: results of the VITARAA Study. <i>IJC Metabolic &amp; Endocrine</i> , <b>2014</b> , 4, 33-38		3
133	Heritability and other determinants of left ventricular diastolic function in the family-based population study. <i>Journal of Hypertension</i> , <b>2014</b> , 32, 1854-61	1.9	3
132	Quality of the blood pressure phenotype in the GEnotipo, Fenotipo y Ambiente de la hipertensi� arterial en Uruguay (GEFA-HT-UY) study. <i>Blood Pressure Monitoring</i> , <b>2014</b> , 19, 339-45	1.3	3
131	Letter by Jin et al regarding article, "ambulatory blood pressure changes after renal sympathetic denervation in patients with resistant hypertension". <i>Circulation</i> , <b>2014</b> , 129, e499	16.7	3
130	Treatment of hypertension in the elderly in 2010 - a brief review. <i>Expert Opinion on Pharmacotherapy</i> , <b>2010</b> , 11, 2609-17	4	3
129	Left ventricular structure in relation to the human SAH gene in the European Project on Genes in Hypertension. <i>Hypertension Research</i> , <b>2009</b> , 32, 145-51	4.7	3
128	Cadmium from zinc smelter emission and variation in cancer incidence: the hierarchy of evidence. <i>European Journal of Cancer Prevention</i> , <b>2012</b> , 21, 497-8	2	3
127	Left ventricular structure and function in relation to steroid biosynthesis genes in a white population. <i>American Journal of Hypertension</i> , <b>2012</b> , 25, 986-93	2.3	3
126	Haematological phenotypes in relation to the C1797T Eadducin polymorphism in a Caucasian population. <i>Clinical Science</i> , <b>2003</b> , 104, 369-376	6.5	3
125	Isolated Diastolic Hypertension in the IDACO Study: An Age-Stratified Analysis Using 24-Hour Ambulatory Blood Pressure Measurements. <i>Hypertension</i> , <b>2021</b> , 78, 1222-1231	8.5	3
124	Antihypertensive treatment guided by genetics: PEARL-HT, the randomized proof-of-concept trial comparing rosfuroxin with losartan. <i>Pharmacogenomics Journal</i> , <b>2021</b> , 21, 346-358	3.5	3

123	Proteomic Biomarkers in the Cardiorenal Syndrome: Toward Deciphering Molecular Pathophysiology. <i>American Journal of Hypertension</i> , <b>2021</b> , 34, 669-679	2.3	3
122	Circulating Biomarkers Predicting Longitudinal Changes in Left Ventricular Structure and Function in a General Population. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e010430	6	3
121	Doppler indexes of left ventricular systolic and diastolic function in relation to haemodynamic load components in a general population. <i>Journal of Hypertension</i> , <b>2018</b> , 36, 867-875	1.9	3
120	The International Database of Central Arterial Properties for Risk Stratification: Research Objectives and Baseline Characteristics of Participants. <i>American Journal of Hypertension</i> , <b>2021</b> ,	2.3	3
119	Serum and urinary biomarkers of collagen type-I turnover predict prognosis in patients with heart failure. <i>Clinical and Translational Medicine</i> , <b>2021</b> , 11, e267	5.7	3
118	Opportunities of Antidiabetic Drugs in Cardiovascular Medicine: A Meta-Analysis and Perspectives for Trial Design. <i>Hypertension</i> , <b>2020</b> , 76, 420-431	8.5	3
117	Reply: Is White-Coat Hypertension Associated With Risk of Cardiovascular Diseases?. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 69, 2880-2881	15.1	2
116	How to reliably diagnose arterial hypertension: lessons from 24 h blood pressure monitoring. <i>Blood Pressure</i> , <b>2019</b> , 28, 93-98	1.7	2
115	Central hemodynamics in relation to blood lead in young men prior to chronic occupational exposure. <i>Blood Pressure</i> , <b>2019</b> , 28, 279-290	1.7	2
114	Heart rate variability and peripheral nerve conduction velocity in relation to blood lead in newly hired lead workers. <i>Occupational and Environmental Medicine</i> , <b>2019</b> , 76, 382-388	2.1	2
113	Conventional and Ambulatory Blood Pressure as Predictors of Diastolic Left Ventricular Function in a Flemish Population. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	2
112	Alpha-1 antitrypsin deficiency: a novel cause of isolated systolic resistant hypertension?. <i>Journal of Hypertension</i> , <b>2016</b> , 34, 1659-61	1.9	2
111	A Woman With Treatment-Resistant Hypertension. <i>Hypertension</i> , <b>2016</b> , 67, 243-50	8.5	2
110	Heart rate variability on antihypertensive drugs in black patients living in sub-Saharan Africa. <i>Blood Pressure</i> , <b>2014</b> , 23, 174-80	1.7	2
109	Central vs. peripheral blood pressure components as determinants of retinal microvessel diameters. <i>Artery Research</i> , <b>2013</b> , 8, 35	2.2	2
108	An unusual cause of mineralocorticoid hypertension. <i>Hypertension</i> , <b>2014</b> , 64, 689-92	8.5	2
107	Response to HYVET ambulatory blood pressure substudy. <i>Hypertension</i> , <b>2013</b> , 61, e43	8.5	2
106	Determinants of arterial properties in Chinese type-2 diabetic patients compared with population-based controls. <i>Acta Cardiologica</i> , <b>2011</b> , 66, 619-26	0.9	2



105	Sphygmomanometric and ambulatory blood pressures as forerunners of carotid and femoral intima-media thickness. <i>Journal of Hypertension</i> , <b>2009</b> , 27, 813-21	1.9	2
104	Modulation of genetic cardiovascular risk by age and lifestyle. <i>Current Cardiovascular Risk Reports</i> , <b>2008</b> , 2, 398-404	0.9	2
103	Context dependency of serum and urinary lithium: implications for measurement of proximal sodium reabsorption. <i>Hypertension</i> , <b>2007</b> , 49, e34	8.5	2
102	Ouabain and serum sodium. <i>Hypertension</i> , <b>2005</b> , 45, e16; author reply e16-7	8.5	2
101	Safety of calcium antagonists: more ACTION. <i>American Journal of Medicine</i> , <b>2005</b> , 118, 1418-20	2.4	2
100	Delayed sexual development in adolescents. <i>Lancet, The</i> , <b>2001</b> , 358, 1817	4.0	2
99	Genome-wide association study to identify common variants associated with brachial circumference: a meta-analysis of 14 cohorts. <i>PLoS ONE</i> , <b>2012</b> , 7, e31369	3.7	2
98	Renal Denervation After Symplicity HTN-3 - Back to Basics. Review of the Evidence. <i>European Cardiology Review</i> , <b>2014</b> , 9, 110-114	3.9	2
97	Resistant hypertension. <i>Kardiologia Polska</i> , <b>2018</b> , 76, 1031-1042	0.9	2
96	Serum insulin levels are associated with vulnerable plaque components in the carotid artery: the Rotterdam Study. <i>European Journal of Endocrinology</i> , <b>2020</b> , 182, 343-350	6.5	2
95	Central hemodynamics in relation to low-level environmental lead exposure. <i>Blood Pressure</i> , <b>2020</b> , 29, 157-167	1.7	2
94	Retinal and Renal Microvasculature in Relation to Central Hemodynamics in 11-Year-Old Children Born Preterm or At Term. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e014305	6	2
93	Visit-to-Visit Blood Pressure Variability and Clinical Outcomes in Patients With Heart Failure With Preserved Ejection Fraction. <i>Hypertension</i> , <b>2021</b> , 77, 1549-1558	8.5	2
92	Two-Year Responses of Heart Rate and Heart Rate Variability to First Occupational Lead Exposure. <i>Hypertension</i> , <b>2021</b> , 77, 1775-1786	8.5	2
91	Renal function in relation to low-level environmental lead exposure. <i>Nephrology Dialysis Transplantation</i> , <b>2019</b> , 34, 941-946	4.3	2
90	Genome-wide association study for white coat effect in Japanese middle-aged to elderly people: The HOMED-BP study. <i>Clinical and Experimental Hypertension</i> , <b>2018</b> , 40, 363-369	2.2	2
89	Environmental exposure to lead: old myths never die. <i>Lancet Public Health, The</i> , <b>2018</b> , 3, e362	22.4	2
88	Urinary proteomics combined with home blood pressure telemonitoring for health care reform trial: rational and protocol. <i>Blood Pressure</i> , <b>2021</b> , 30, 269-281	1.7	2



87	Risk Stratification by Cross-Classification of Central and Brachial Systolic Blood Pressure.. <i>Hypertension</i> , <b>2022</b> , HYPERTENSIONAHA12118773	8.5	2
86	The association of calcium channel blockers with Ecell function in type 2 diabetic patients: A cross-sectional study. <i>Journal of Clinical Hypertension</i> , <b>2019</b> , 21, 638-647	2.3	1
85	Association of pulse wave velocity with single nucleotide polymorphisms related to parathyroid hormone. <i>Blood Pressure</i> , <b>2018</b> , 27, 222-230	1.7	1
84	Hypertensive Encephalopathy and Renal Failure in a Young Man. <i>Hypertension</i> , <b>2016</b> , 67, 6-13	8.5	1
83	Paroxysmal Hypertension Associated With Urination. <i>Hypertension</i> , <b>2019</b> , 74, 1068-1074	8.5	1
82	Meta-analysis of a continuous outcome combining individual patient data and aggregate data: a method based on simulated individual patient data. <i>Research Synthesis Methods</i> , <b>2014</b> , 5, 322-51	7.2	1
81	Quality of life after renal denervation. <i>Hypertension</i> , <b>2013</b> , 61, e38	8.5	1
80	Retraction of the Jikei Heart Study: misquotation of a Comment. <i>Lancet, The</i> , <b>2013</b> , 382, 1173	4.0	1
79	Post-processing reproducibility of the structural characteristics of the common carotid artery in a Flemish population. <i>Artery Research</i> , <b>2017</b> , 19, 9-17	2.2	1
78	Con: renal denervation for all resistant hypertensive patients: the Emperor's new clothes. <i>Nephrology Dialysis Transplantation</i> , <b>2014</b> , 29, 1116-9	4.3	1
77	Denervation of native kidneys in a renal transplant recipient: one swallow does not make a spring. <i>American Journal of Hypertension</i> , <b>2014</b> , 27, 897-8	2.3	1
76	Central haemodynamics reveal significant potential for prevention in Black hypertensive patients born and living in sub-Saharan Africa. <i>Artery Research</i> , <b>2012</b> , 6, 41	2.2	1
75	Response to Letter Regarding Article, "Circulating MicroRNA-208b and MicroRNA-499 Reflect Myocardial Damage in Cardiovascular Disease" <i>Circulation: Cardiovascular Genetics</i> , <b>2011</b> , 4,		1
74	Cardiovascular effects of tight versus usual blood-pressure control "Authors' reply. <i>Lancet, The</i> , <b>2009</b> , 374, 1742	4.0	1
73	Spotlights on ambulatory measures of arterial stiffness. <i>American Journal of Hypertension</i> , <b>2008</b> , 21, 368-9; author reply 370	2.3	1
72	Imidapril: will fewer adverse events translate into better long-term outcomes?. <i>Drugs</i> , <b>2007</b> , 67, 1379-82	12.1	1
71	Added VALUE of an ancillary study on ambulatory blood pressure monitoring. <i>Journal of Hypertension</i> , <b>2007</b> , 25, 513-5	1.9	1
70	Editorial comment--Blood pressure lowering for the secondary prevention of stroke: one size fits all?. <i>Stroke</i> , <b>2003</b> , 34, 2590-2	6.7	1

69	Haematological phenotypes in relation to the C1797T Eadducin polymorphism in a Caucasian population. <i>Clinical Science</i> , <b>2003</b> , 104, 369	6.5	1
68	Hormonal regulation of human adipocytes at the cross-roads between obesity and hypertension. <i>Journal of Hypertension</i> , <b>2002</b> , 20, 839-41	1.9	1
67	Risk reduction for stroke and coronary events. <i>Lancet, The</i> , <b>2002</b> , 359, 1250-1251	4.0	1
66	Ambulatory blood pressure: normality and comparison with other measurements. <i>Hypertension</i> , <b>2000</b> , 35, E8	8.5	1
65	Antihypertensive drugs and cognitive function in older people. <i>Journal of the American Geriatrics Society</i> , <b>1998</b> , 46, 791; author reply 792	5.6	1
64	Hypertension and lead exposure. <i>JAMA - Journal of the American Medical Association</i> , <b>1996</b> , 276, 1037-8	27.4	1
63	Psycho-Emotional Stress and Salt Intake May Interact to Raise Blood Pressure. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , <b>1994</b> , 1, 45-51		1
62	The novel proteomic signature for cardiac allograft vasculopathy.. <i>ESC Heart Failure</i> , <b>2022</b> ,	3.7	1
61	Clinical Significance of Mean and Pulse Pressure in Patients With Heart Failure With Preserved Ejection Fraction. <i>Hypertension</i> , <b>2022</b> , 79, 241-250	8.5	1
60	Increased Collagen Turnover Is a Feature of Fibromuscular Dysplasia and Associated With Hypertrophic Radial Remodeling: A Pilot, Urine Proteomic Study. <i>Hypertension</i> , <b>2022</b> , 79, 93-103	8.5	1
59	Aspirin use is associated with increased risk for incident heart failure: a patient-level pooled analysis. <i>ESC Heart Failure</i> , <b>2021</b> ,	3.7	1
58	Two-year neurocognitive responses to first occupational lead exposure. <i>Scandinavian Journal of Work, Environment and Health</i> , <b>2021</b> , 47, 233-243	4.3	1
57	Circadian Variation of the Blood Pressure in the Population at Large <b>2001</b> , 139-158		1
56	Circadian Variation of Blood Pressure in the Population at Large <b>2007</b> , 159-185		1
55	Should high-normal blood pressure be treated?. <i>Journal of Hypertension</i> , <b>2002</b> , 20, 1028-1030	1.9	1
54	SYMPPLICITY HTN-3 results to be announced: a mystery or a story foretold?. <i>Journal of Biomedical Research</i> , <b>2014</b> , 28, 73-4	1.5	1
53	Two-Year Responses of Office and Ambulatory Blood Pressure to First Occupational Lead Exposure. <i>Hypertension</i> , <b>2020</b> , 76, 1299-1307	8.5	1
52	Spironolactone effect on the blood pressure of patients at risk of developing heart failure: an analysis from the HOMAGE trial. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , <b>2021</b> ,	6.4	1

51	Sex differences in the longitudinal relationship of low-grade inflammation and echocardiographic measures in the Hoorn and FLEMENGHO Study. <i>PLoS ONE</i> , <b>2021</b> , 16, e0251148	3.7	1
50	Identification of sex-specific biomarkers predicting new-onset heart failure. <i>ESC Heart Failure</i> , <b>2021</b> , 8, 3512-3520	3.7	1
49	Normal-tension glaucomatous optic neuropathy is related to blood pressure variability in the Maracaibo Aging Study. <i>Hypertension Research</i> , <b>2021</b> , 44, 1105-1112	4.7	1
48	Glomerular function in relation to fine airborne particulate matter in a representative population sample. <i>Scientific Reports</i> , <b>2021</b> , 11, 14646	4.9	1
47	Blood Pressure Indexes Associated With Mortality and Cardiovascular Outcomes-Reply. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 322, 2343-2344	27.4	1
46	Electrocardiographic left ventricular hypertrophy in relation to peripheral and central blood pressure indices in a Nigerian population. <i>Blood Pressure</i> , <b>2020</b> , 29, 39-46	1.7	1
45	Properties of Central Arteries in Populations of Different Ethnicity: Ethnicity and Central Arteries <b>2014</b> , 459-464		1
44	Urinary Proteomic Profile of Arterial Stiffness Is Associated With Mortality and Cardiovascular Outcomes.. <i>Journal of the American Heart Association</i> , <b>2022</b> , e024769	6	1
43	Diagnosis and Management of Resistant Hypertension: A Case Report. <i>Hypertension</i> , <b>2019</b> , 74, 1064-1068.5		0
42	Will Sodium Intake Reduction Improve Cardiovascular Outcomes in the General Population? A Critical Review of Current Evidence. <i>Current Hypertension Reviews</i> , <b>2015</b> , 11, 22-9	2.3	0
41	Maximum or mean: that is the question. <i>Hypertension</i> , <b>2011</b> , 58, e13-4; author reply e15	8.5	0
40	Does pseudoresistant hypertension attributed to white-coat effect define subjects with "treated normalized hypertension?". <i>Hypertension</i> , <b>2012</b> , 59, e43; author reply e44	8.5	0
39	Wave reflection in systolic hypertension: smaller stature, shorter aorta: higher pulse pressure?. <i>Hypertension</i> , <b>2008</b> , 51, e37; author reply e39-40	8.5	0
38	A plea for harmonising guidelines. <i>International Journal of Cardiology</i> , <b>2001</b> , 79, 129-32	3.2	0
37	The lowering of blood pressure after stroke. <i>Lancet, The</i> , <b>2001</b> , 358, 1995-1996	4.0	0
36	Statistical reanalysis of vascular event outcomes in primary and secondary vascular prevention trials. <i>BMC Medical Research Methodology</i> , <b>2021</b> , 21, 218	4.7	0
35	Urinary peptidomic profiles to address age-related disabilities: a prospective population study. <i>The Lancet Healthy Longevity</i> , <b>2021</b> , 2, e690-e703	9.5	0
34	Urinary proteomic signatures associated with Eblockade and heart rate in heart transplant recipients. <i>PLoS ONE</i> , <b>2018</b> , 13, e0204439	3.7	0

- 33 Investigating the Relations Between Caffeine-Derived Metabolites and Plasma Lipids in 2 Population-Based Studies. *Mayo Clinic Proceedings*, **2021**, 96, 3071-3085 6.4 o
- 32 Dissecting the Polygenic Basis of Primary Hypertension: Identification of Key Pathway-Specific Components.. *Frontiers in Cardiovascular Medicine*, **2022**, 9, 814502 5.4 o
- 31 Resistant Hypertension: Trials and Tribulations. *Hypertension*, **2018**, 71, 772-780 8.5
- 30 Blood Pressure Variability as Elusive Harbinger of Adverse Health Outcomes **2016**, 129-148
- 29 Reply. *Journal of Hypertension*, **2017**, 35, 2327-2328 1.9
- 28 Antihypertensive treatment decreases arterial stiffness at night but not during the day. Results from the Hypertension in the Very Elderly Trial. *Blood Pressure*, **2017**, 26, 109-114 1.7
- 27 Dynamic interaction between micro- and macro-circulation: a concept with feet of clay. *American Journal of Hypertension*, **2015**, 28, 693-4 2.3
- 26 Online journals: paying or delaying?. *Lancet, The*, **2010**, 375, 984 4.0
- 25 Averaging clinic and home measures associated with reductions in within-patient variability and may give a better indication of blood pressure control. *Evidence-Based Medicine*, **2012**, 17, 82-3
- 24 Comments on the reproducibility of ambulatory arterial stiffness index and QRS Korotkoff delay index. *Journal of Hypertension*, **2009**, 27, 436-437 1.9
- 23 Conventional and 24-h ambulatory blood pressure as independent predictors of elastic arterial properties. *Blood Pressure Monitoring*, **2009**, 14, 12-9 1.3
- 22 Treatment of hypertension in elderly patients. *Lancet, The*, **1997**, 350, 1634 4.0
- 21 Day or night blood pressures for prognosis [Authors' reply. *Lancet, The*, **2008**, 371, 114-115 4.0
- 20 Segmental renal sodium handling in relation to the human SAH gene. *Hypertension*, **2008**, 52, e12-3 8.5
- 19 Can lowering blood pressure prevent vascular complications in patients with type 2 diabetes?. *Nature Clinical Practice Cardiovascular Medicine*, **2008**, 5, 194-5
- 18 Sodium excretion as a modulator of genetic influence on arterial stiffness and other cardiovascular phenotypes. *Artery Research*, **2007**, 1, 20 2.2
- 17 Is angiogenesis a plausible hypothesis in Alzheimer's disease?. *Journal of Hypertension*, **2003**, 21, 1426-7 1.9
- 16 Ongoing trials: what should we expect after ALLHAT?. *Current Hypertension Reports*, **2003**, 5, 340-5 4.7

15	Design of the Syst-Eur trial and Syst-Eur Phase 2: Thomas Weihrauch's contributions. <i>Journal of Hypertension</i> , <b>2004</b> , 22, 1631-2	1.9
14	Subgroup analysis of the NORDIL trial. <i>Journal of Hypertension</i> , <b>2002</b> , 20, 1085-7	1.9
13	Ambulatory pulse pressure as predictor of outcome in older patients with systolic hypertension. <i>American Journal of Hypertension</i> , <b>2002</b> , 15, A27	2.3
12	What does STOP-2 tell us about management of hypertension?. <i>Lancet, The</i> , <b>2000</b> , 355, 651; author reply 653	4.0
11	P-640: Prevalence of hypertension and other cardiovascular risk factors in 17-18-year old Belgian adolescents. <i>American Journal of Hypertension</i> , <b>2001</b> , 14, A244	2.3
10	Treatment of isolated systolic hypertension in the elderly: evidence from three clinical trials. <i>European Journal of Internal Medicine</i> , <b>1999</b> , 10, 82-87	3.9
9	What is hypertension?. <i>Lancet, The</i> , <b>1999</b> , 354, 594	4.0
8	Commentary: "" - SPRINTing to STEPping up hypertension research? An historical perspective on hypertension trials.. <i>International Journal of Cardiology Cardiovascular Risk and Prevention</i> , <b>2021</b> , 11, 200122	
7	Are the benefits of antihypertensive therapy only due to blood pressure reduction?. <i>Journal of Hypertension</i> , <b>2002</b> , 20, 2096-2097	1.9
6	Home Blood Pressure as Predictor of Adverse Health Outcomes. <i>Updates in Hypertension and Cardiovascular Protection</i> , <b>2020</b> , 33-43	0.1
5	Outcome-Driven Thresholds for Pulse Pressure on Office and Out-of-the-Office Blood Pressure Measurement <b>2014</b> , 447-457	
4	Sex-Specific Associations of Risks and Cardiac Structure and Function With Microalbumin/Creatinine Ratio in Diastolic Heart Failure. <i>Frontiers in Cardiovascular Medicine</i> , <b>2020</b> , 7, 579400	5.4
3	Diastolic left ventricular function in relation to the retinal microvascular fractal dimension in a Flemish population. <i>Hypertension Research</i> , <b>2021</b> , 44, 446-453	4.7
2	Do clinical trial data suggest a role for SGLT2-inhibitors in primary prevention of heart failure and chronic kidney disease?. <i>International Journal of Cardiology Cardiovascular Risk and Prevention</i> , <b>2021</b> , 10, 200100	
1	Association of colorectal cancer with genetic and epigenetic variation in PEAR1-A population-based cohort study.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0266481	3.7