Lutgarde Thijs

List of Publications by Year in descending order

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214 papers	19,488 citations	34105 52 h-index	11052 137 g-index
218 all docs	218 docs citations	218 times ranked	13786 citing authors

#	Article	IF	Citations
1	Randomised double-blind comparison of placebo and active treatment for older patients with isolated systolic hypertension. Lancet, The, 1997, 350, 757-764.	13.7	2,841
2	Treatment of Hypertension in Patients 80 Years of Age or Older. New England Journal of Medicine, 2008, 358, 1887-1898.	27.0	2,714
3	Prognostic Value of Aortic Pulse Wave Velocity as Index of Arterial Stiffness in the General Population. Circulation, 2006, 113, 664-670.	1.6	1,308
4	Effects of Calcium-Channel Blockade in Older Patients with Diabetes and Systolic Hypertension. New England Journal of Medicine, 1999, 340, 677-684.	27.0	911
5	Cardiovascular protection and blood pressure reduction: a meta-analysis. Lancet, The, 2001, 358, 1305-1315.	13.7	892
6	Prognostic accuracy of day versus night ambulatory blood pressure: a cohort study. Lancet, The, 2007, 370, 1219-1229.	13.7	766
7	Fatal and Nonfatal Outcomes, Incidence of Hypertension, and Blood Pressure Changes in Relation to Urinary Sodium Excretion. JAMA - Journal of the American Medical Association, 2011, 305, 1777.	7.4	483
8	Predictive Role of the Nighttime Blood Pressure. Hypertension, 2011, 57, 3-10.	2.7	482
9	Prognostic Value of Reading-to-Reading Blood Pressure Variability Over 24 Hours in 8938 Subjects From 11 Populations. Hypertension, 2010, 55, 1049-1057.	2.7	394
10	Ambulatory Arterial Stiffness Index as a Predictor of Cardiovascular Mortality in the Dublin Outcome Study. Hypertension, 2006, 47, 365-370.	2.7	346
11	Prognostic superiority of daytime ambulatory over conventional blood pressure in four populations: a meta-analysis of 7030 individuals. Journal of Hypertension, 2007, 25, 1554-1564.	0.5	328
12	Prognostic value of isolated nocturnal hypertension on ambulatory measurement in 8711 individuals from 10 populations. Journal of Hypertension, 2010, 28, 2036-2045.	0.5	318
13	Prevalence of Left Ventricular Diastolic Dysfunction in a General Population. Circulation: Heart Failure, 2009, 2, 105-112.	3.9	291
14	Diagnostic Thresholds for Ambulatory Blood Pressure Monitoring Based on 10-Year Cardiovascular Risk. Circulation, 2007, 115, 2145-2152.	1.6	277
15	Response to Antihypertensive Therapy in Older Patients With Sustained and Nonsustained Systolic Hypertension. Circulation, 2000, 102, 1139-1144.	1.6	271
16	Association of Office and Ambulatory Blood Pressure With Mortality and Cardiovascular Outcomes. JAMA - Journal of the American Medical Association, 2019, 322, 409.	7.4	265
17	Prognostic Value of the Morning Blood Pressure Surge in 5645 Subjects From 8 Populations. Hypertension, 2010, 55, 1040-1048.	2.7	258
18	No evidence that frailty modifies the positive impact of antihypertensive treatment in very elderly people: an investigation of the impact of frailty upon treatment effect in the HYpertension in the Very Elderly Trial (HYVET) study, a double-blind, placebo-controlled study of antihypertensives in people with hypertension aged 80 and over. BMC Medicine, 2015, 13, 78.	5.5	244

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19	Obesity is associated with increased arterial stiffness from adolescence until old age. Journal of Hypertension, 2005, 23, 1839-1846.	0.5	235
20	Mean and range of the ambulatory pressure in normotensive subjects from a meta-analysis of 23 studies. American Journal of Cardiology, 1991, 67, 723-727.	1.6	206
21	Significance of White-Coat Hypertension in Older Persons With Isolated Systolic Hypertension. Hypertension, 2012, 59, 564-571.	2.7	177
22	Cardiovascular outcomes in the first trial of antihypertensive therapy guided by self-measured home blood pressure. Hypertension Research, 2012, 35, 1102-1110.	2.7	157
23	Prediction of the actual awake and asleep blood pressures by various methods of 24 h pressure analysis. Journal of Hypertension, 1996, 14, 557-563.	0.5	143
24	Masked Hypertension in Diabetes Mellitus. Hypertension, 2013, 61, 964-971.	2.7	142
25	Setting Thresholds to Varying Blood Pressure Monitoring Intervals Differentially Affects Risk Estimates Associated With White-Coat and Masked Hypertension in the Population. Hypertension, 2014, 64, 935-942.	2.7	137
26	Ambulatory arterial stiffness index predicts stroke in a general population. Journal of Hypertension, 2006, 24, 2247-2253.	0.5	129
27	The Cardiovascular Risk of White-CoatÂHypertension. Journal of the American College of Cardiology, 2016, 68, 2033-2043.	2.8	129
28	Ambulatory Arterial Stiffness Index and 24-Hour Ambulatory Pulse Pressure as Predictors of Mortality in Ohasama, Japan. Stroke, 2007, 38, 1161-1166.	2.0	128
29	Follow-up of renal function in treated and untreated older patients with isolated systolic hypertension. Journal of Hypertension, 2001, 19, 511-519.	0.5	113
30	Ambulatory Blood Pressure Monitoring in 9357 Subjects From 11 Populations Highlights Missed Opportunities for Cardiovascular Prevention in Women. Hypertension, 2011, 57, 397-405.	2.7	111
31	Within-Subject Blood Pressure Levelâ€"Not Variabilityâ€"Predicts Fatal and Nonfatal Outcomes in a General Population. Hypertension, 2012, 60, 1138-1147.	2.7	108
32	Outcome-Driven Thresholds for Home Blood Pressure Measurement. Hypertension, 2013, 61, 27-34.	2.7	100
33	Prognostic Value of Left Ventricular Diastolic Dysfunction in a General Population. Journal of the American Heart Association, 2014, 3, e000789.	3.7	95
34	Prognostic Value of Ambulatory Heart Rate Revisited in 6928 Subjects From 6 Populations. Hypertension, 2008, 52, 229-235.	2.7	87
35	Ambulatory Hypertension Subtypes and 24-Hour Systolic and Diastolic Blood Pressure as Distinct Outcome Predictors in 8341 Untreated People Recruited From 12 Populations. Circulation, 2014, 130, 466-474.	1.6	84
36	Inactive Matrix Gla Protein Is Causally Related to Adverse Health Outcomes. Hypertension, 2015, 65, 463-470.	2.7	84

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37	Heritability of Conventional and Ambulatory Blood Pressures. Hypertension, 1995, 26, 919-924.	2.7	84
38	Prognostic Value of Invasive Hemodynamic Measurements at Rest and During Exercise in Hypertensive Men. Hypertension, 1996, 28, 31-36.	2.7	79
39	Age-Specific Differences Between Conventional and Ambulatory Daytime Blood Pressure Values. Hypertension, 2014, 64, 1073-1079.	2.7	78
40	Prediction of Chronic Kidney Disease Stage 3 by CKD273, a Urinary Proteomic Biomarker. Kidney International Reports, 2017, 2, 1066-1075.	0.8	77
41	Additive Prognostic Value of Left Ventricular Systolic Dysfunction in a Population-Based Cohort. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	73
42	Risk Stratification by Self-Measured Home Blood Pressure across Categories of Conventional Blood Pressure: A Participant-Level Meta-Analysis. PLoS Medicine, 2014, 11, e1001591.	8.4	72
43	Prevalence of left ventricular diastolic dysfunction in European populations based on cross-validated diagnostic thresholds. Cardiovascular Ultrasound, 2012, 10, 10.	1.6	68
44	Blood Pressure Measurement and Treatment Decisions. Circulation Research, 2019, 124, 990-1008.	4.5	68
45	Left Ventricular Mass in Relation to Genetic Variation in Angiotensin II Receptors, Renin System Genes, and Sodium Excretion. Circulation, 2004, 110, 2644-2650.	1.6	67
46	Reference Values in White Europeans for the Arterial Pulse Wave Recorded by Means of the SphygmoCor Device. Hypertension Research, 2006, 29, 475-483.	2.7	65
47	Masked Hypertension. Hypertension, 2015, 65, 16-20.	2.7	65
48	Outcome-Driven Thresholds for Increased Home Blood Pressure Variability. Hypertension, 2017, 69, 599-607.	2.7	65
49	Reference Values for SphygmoCor Measurements in South Africans of African Ancestry. American Journal of Hypertension, 2006, 19, 40-46.	2.0	63
50	Angiotensin-Converting Enzyme I/D and Î±-Adducin Gly460Trp Polymorphisms. Hypertension, 2007, 49, 1291-1297.	2.7	59
51	Blood Pressure in Relation to Environmental Lead Exposure in the National Health and Nutrition Examination Survey 2003 to 2010. Hypertension, 2015, 65, 62-69.	2.7	58
52	The urinary proteome as correlate and predictor of renal function in a population study. Nephrology Dialysis Transplantation, 2014, 29, 2260-2268.	0.7	57
53	Prevalence, Treatment, and Control Rates of Conventional and Ambulatory Hypertension Across 10 Populations in 3 Continents. Hypertension, 2017, 70, 50-58.	2.7	56
54	Ambulatory Blood Pressure Monitoring to Diagnose and Manage Hypertension. Hypertension, 2021, 77, 254-264.	2.7	51

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55	Sympathetic activity, assessed by power spectral analysis of heart rate variability, in white-coat, masked and sustained hypertension versus true normotension. Journal of Hypertension, 2007, 25, 2280-2285.	0.5	49
56	Risk Stratification by Ambulatory Blood Pressure Monitoring Across JNC Classes of Conventional Blood Pressure. American Journal of Hypertension, 2014, 27, 956-965.	2.0	49
57	Thirty years of research on diagnostic and therapeutic thresholds for the self-measured blood pressure at home. Blood Pressure Monitoring, 2008, 13, 352-365.	0.8	48
58	Effects of Intensive Blood Pressure Treatment on Orthostatic Hypotension. Annals of Internal Medicine, 2021, 174, 58-68.	3.9	47
59	Strategies for Classifying Patients Based on Office, Home, and Ambulatory Blood Pressure Measurement. Hypertension, 2015, 65, 1258-1265.	2.7	46
60	Left ventricular diastolic function in relation to the urinary proteome: A proof-of-concept study in a general population. International Journal of Cardiology, 2014, 176, 158-165.	1.7	44
61	Longitudinal Changes in Left Ventricular Diastolic Function in a General Population. Circulation: Cardiovascular Imaging, 2015, 8, .	2.6	44
62	Doppler Indexes of Left Ventricular Systolic and Diastolic Flow and Central Pulse Pressure in Relation to Renal Resistive Index. American Journal of Hypertension, 2015, 28, 535-545.	2.0	44
63	Vitamin K Dependent Protection of Renal Function in Multi-ethnic Population Studies. EBioMedicine, 2016, 4, 162-169.	6.1	44
64	Left Ventricular Structure and Function in Relation to Environmental Exposure to Lead and Cadmium. Journal of the American Heart Association, 2017, 6, .	3.7	42
65	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. PLoS ONE, 2014, 9, e103169.	2.5	42
66	Risk for Incident Heart Failure: A Subjectâ€Level Metaâ€Analysis From the Heart â€œOMicsâ€•in AGEing (HOMAGE) Study. Journal of the American Heart Association, 2017, 6, .	3.7	41
67	Outcome-Driven Thresholds for Ambulatory Pulse Pressure in 9938 Participants Recruited From 11 Populations. Hypertension, 2014, 63, 229-237.	2.7	40
68	Left Ventricular Dysfunction and CXCR3 Ligands in Hypertension: From Animal Experiments to a Population-Based Pilot Study. PLoS ONE, 2015, 10, e0141394.	2.5	40
69	Optimal Number of Days for Home Blood Pressure Measurement. American Journal of Hypertension, 2015, 28, 595-603.	2.0	40
70	Ambulatory blood pressure monitoring in elderly patients with isolated systolic hypertension. Journal of Hypertension, 1992, 10, H31.	0.5	37
71	Determinants of the Ambulatory Arterial Stiffness Index in 7604 Subjects From 6 Populations. Hypertension, 2008, 52, 1038-1044.	2.7	37
72	Double Product Reflects the Predictive Power of Systolic Pressure in the General Population: Evidence from 9,937 Participants. American Journal of Hypertension, 2013, 26, 665-672.	2.0	37

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73	Diurnal Blood Pressure Rhythmicity in Relation to Environmental and Genetic Cues in Untreated Referred Patients. Hypertension, 2017, 69, 128-135.	2.7	37
74	Defining Thresholds for Home Blood Pressure Monitoring in Octogenarians. Hypertension, 2015, 66, 865-873.	2.7	36
75	Longitudinal Changes in LV Structure and Diastolic Function in Relation to Arterial Properties in GeneralÂPopulation. JACC: Cardiovascular Imaging, 2017, 10, 1307-1316.	5.3	35
76	Left ventricular function in relation to chronic residential air pollution in a general population. European Journal of Preventive Cardiology, 2017, 24, 1416-1428.	1.8	35
77	Relation of Insulin Resistance to Longitudinal Changes in Left Ventricular Structure and Function in a General Population. Journal of the American Heart Association, 2018, 7, .	3.7	35
78	Diagnostic Thresholds for Ambulatory Blood Pressure Moving Lower: A Review Based on a Meta-Analysisâ€"Clinical Implications. Journal of Clinical Hypertension, 2008, 10, 377-381.	2.0	34
79	Urinary Proteome and Systolic Blood Pressure as Predictors of 5-Year Cardiovascular and Cardiac Outcomes in a General Population. Hypertension, 2015, 66, 52-60.	2.7	33
80	Desphospho-uncarboxylated matrix Gla protein is a novel circulating biomarker predicting deterioration of renal function in the general population. Nephrology Dialysis Transplantation, 2018, 33, 1122-1128.	0.7	33
81	Cardiovascular End Points and Mortality Are Not Closer Associated With Central Than Peripheral Pulsatile Blood Pressure Components. Hypertension, 2020, 76, 350-358.	2.7	33
82	Biomarkers of cardiomyocyte injury and stress identify left atrial and left ventricular remodelling and dysfunction: A population-based study. International Journal of Cardiology, 2015, 185, 177-185.	1.7	31
83	Opposing Age-Related Trends in Absolute and Relative Risk of Adverse Health Outcomes Associated With Out-of-Office Blood Pressure. Hypertension, 2019, 74, 1333-1342.	2.7	31
84	Renal function in relation to sodium intake: aÂquantitative review of the literature. Kidney International, 2017, 92, 67-78.	5.2	29
85	Cardiovascular Risk Associated With White-Coat Hypertension. Hypertension, 2017, 70, 676-682.	2.7	29
86	Evidence-based proposal for the number of ambulatory readings required for assessing blood pressure level in research settings: an analysis of the IDACO database. Blood Pressure, 2018, 27, 341-350.	1.5	29
87	A urinary peptidomic profile predicts outcome in SARS-CoV-2-infected patients. EClinicalMedicine, 2021, 36, 100883.	7.1	28
88	Incidence of nephrolithiasis in relation to environmental exposure to lead and cadmium in a population study. Environmental Research, 2016, 145, 1-8.	7.5	27
89	Glomerular function in relation to circulating adhesion molecules and inflammation markers in a general population. Nephrology Dialysis Transplantation, 2018, 33, 426-435.	0.7	27
90	Insulin Resistance in Relation to Lipids and Inflammation in Type-2 Diabetic Patients and Non-Diabetic People. PLoS ONE, 2016, 11, e0153171.	2.5	26

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91	Characteristics and Determinants of the Sublingual Microcirculation in Populations of Different Ethnicity. Hypertension, 2015, 65, 993-1001.	2.7	24
92	A Urinary Fragment of Mucin-1 Subunit Î± Is a Novel Biomarker Associated With Renal Dysfunction in the General Population. Kidney International Reports, 2017, 2, 811-820.	0.8	24
93	Association of Fatal and Nonfatal Cardiovascular Outcomes With 24-Hour Mean Arterial Pressure. Hypertension, 2021, 77, 39-48.	2.7	24
94	Peripheral blood mitochondrial DNA content in relation to circulating metabolites and inflammatory markers: A population study. PLoS ONE, 2017, 12, e0181036.	2.5	24
95	Heart â€˜omicsâ€™ in AGEing (HOMAGE): design, research objectives and characteristics of the common database. Journal of Biomedical Research, 2014, 28, 349.	1.6	24
96	Outcome-Driven Thresholds for Ambulatory Blood Pressure Based on the New American College of Cardiology/American Heart Association Classification of Hypertension. Hypertension, 2019, 74, 776-783.	2.7	23
97	Diastolic left ventricular function in relation to circulating metabolic biomarkers in a population study. European Journal of Preventive Cardiology, 2019, 26, 22-32.	1.8	23
98	Diastolic Left Ventricular Function in Relation to Urinary and Serum Collagen Biomarkers in a General Population. PLoS ONE, 2016, 11, e0167582.	2.5	22
99	Thresholds for Conventional and Home Blood Pressure by Sex and Age in 5018 Participants From 5 Populations. Hypertension, 2014, 64, 695-701.	2.7	21
100	Ambulatory blood pressure and long-term risk for atrial fibrillation. Heart, 2018, 104, 1263-1270.	2.9	21
101	Reproducibility of the ambulatory arterial stiffness index in hypertensive patients. Journal of Hypertension, 2008, 26, 1993-2000.	0.5	20
102	Conventional and Ambulatory Blood Pressure as Predictors of Retinal Arteriolar Narrowing. Hypertension, 2016, 68, 511-520.	2.7	20
103	The Diurnal Profile of Central Hemodynamics in a General Uruguayan Population. American Journal of Hypertension, 2016, 29, 737-746.	2.0	20
104	Results of a randomized controlled pilot trial of intravascular renal denervation for management of treatment-resistant hypertension. Blood Pressure, 2017, 26, 321-331.	1.5	20
105	Epidemiologic observations guiding clinical application of a urinary peptidomic marker of diastolic left ventricular dysfunction. Journal of the American Society of Hypertension, 2018, 12, 438-447.e4.	2.3	20
106	Association between cognition and the retinal microvasculature in 11-year old children born preterm or at term. Early Human Development, 2018, 118, 1-7.	1.8	20
107	Blood pressure response to renal denervation is correlated with baseline blood pressure variability. Journal of Hypertension, 2018, 36, 221-229.	0.5	20
108	Design and feasibility of â€œPREMATurity as predictor of children's Cardiovascularâ€“renal Healthâ€• (PREMATCH): A pilot study. Blood Pressure, 2015, 24, 275-283.	1.5	19

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109	Risk Stratification by Cross-Classification of Central and Brachial Systolic Blood Pressure. Hypertension, 2022, 79, 1101-1111.	2.7	19
110	Pulse Rate and Sodium Intake Interact to Determine Blood Pressure: A Population Study. American Journal of Hypertension, 1991, 4, 107-112.	2.0	18
111	Is "Usual" Blood Pressure a Proxy for 24-h Ambulatory Blood Pressure in Predicting Cardiovascular Outcomes?. American Journal of Hypertension, 2008, 21, 994-1000.	2.0	18
112	Relationship between office and home blood pressure with increasing age: The International Database of HOme blood pressure in relation to Cardiovascular Outcome (IDHOCO). Hypertension Research, 2016, 39, 612-617.	2.7	18
113	Heritability of The Retinal Microcirculation in Flemish Families. American Journal of Hypertension, 2013, 26, 392-399.	2.0	17
114	Central Systolic Augmentation Indexes and Urinary Sodium in a White Population. American Journal of Hypertension, 2013, 26, 95-103.	2.0	17
115	Does blood pressure variability contribute to risk stratification? Methodological issues and a review of outcome studies based on home blood pressure. Hypertension Research, 2015, 38, 97-101.	2.7	17
116	Inactive matrix Gla protein is a novel circulating biomarker predicting retinal arteriolar narrowing in humans. Scientific Reports, 2018, 8, 15088.	3.3	17
117	Urinary peptidomic profiles to address age-related disabilities: a prospective population study. The Lancet Healthy Longevity, 2021, 2, e690-e703.	4.6	17
118	Association of digital vascular function with cardiovascular risk factors: a population study. BMJ Open, 2014, 4, e004399.	1.9	16
119	Cytokines profile in hypertensive patients with left ventricular remodeling and dysfunction. Journal of the American Society of Hypertension, 2015, 9, 975-984.e3.	2.3	16
120	Diastolic Left Ventricular Function in Relation to Circulating Metabolic Biomarkers in a General Population. Journal of the American Heart Association, 2016, 5, e002681.	3.7	16
121	Temporal changes in left ventricular longitudinal strain in general population: Clinical correlates and impact on cardiac remodeling. Echocardiography, 2019, 36, 458-468.	0.9	16
122	A novel urinary biomarker predicts 1-year mortality after discharge from intensive care. Critical Care, 2020, 24, 10.	5.8	16
123	Visit-to-Visit Blood Pressure Variability and Clinical Outcomes in Patients With Heart Failure With Preserved Ejection Fraction. Hypertension, 2021, 77, 1549-1558.	2.7	16
124	Isolated Diastolic Hypertension in the IDACO Study: An Age-Stratified Analysis Using 24-Hour Ambulatory Blood Pressure Measurements. Hypertension, 2021, 78, 1222-1231.	2.7	16
125	Retinal microvascular diameter, a hypertension-related trait, in ECG-gated vs. non-gated images analyzed by IVAN and SIVA. Hypertension Research, 2016, 39, 886-892.	2.7	15
126	Flow-mediated slowing of brachial-radial pulse wave velocity: Methodological aspects and clinical determinants. Artery Research, 2018, 21, 29.	0.6	15

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127	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. Nephrology Dialysis Transplantation, 2018, 33, 514-522.	0.7	15
128	Relative and Absolute Risk to Guide the Management of Pulse Pressure, an Age-Related Cardiovascular Risk Factor. American Journal of Hypertension, 2021, 34, 929-938.	2.0	15
129	Evaluation of High Cholesterol and Risk of Dementia and Cognitive Decline in Older Adults Using Individual Patient Meta-Analysis. Dementia and Geriatric Cognitive Disorders, 2021, 50, 318-325.	1.5	15
130	Reference frame for home pulse pressure based on cardiovascular risk in 6470 subjects from 5 populations. Hypertension Research, 2014, 37, 672-678.	2.7	14
131	Renal glomerular dysfunction in relation to retinal arteriolar narrowing and high pulse pressure in seniors. Hypertension Research, 2016, 39, 138-143.	2.7	14
132	Association of office and ambulatory blood pressure with blood lead in workers before occupational exposure. Journal of the American Society of Hypertension, 2018, 12, 14-24.	2.3	14
133	Central Hemodynamics in Relation to Circulating Desphosphoâ€Uncarboxylated Matrix Gla Protein: A Population Study. Journal of the American Heart Association, 2019, 8, e011960.	3.7	14
134	Vitamin-K-Dependent Protection of the Renal Microvasculature: Histopathological Studies in Normal and Diseased Kidneys. Pulse, 2016, 4, 85-91.	1.9	13
135	Prevalence and Determinants of Masked Hypertension Among Black Nigerians Compared With a Reference Population. Hypertension, 2016, 67, 1249-1255.	2.7	13
136	PEAR1 is not a major susceptibility gene for cardiovascular disease in a Flemish population. BMC Medical Genetics, 2017, 18, 45.	2.1	13
137	Interpretation of Population Health Metrics. Hypertension, 2020, 75, 603-614.	2.7	13
138	Coronary risk in relation to genetic variation in MEOX2 and TCF15 in a Flemish population. BMC Genetics, 2015, 16, 116.	2.7	12
139	Study for Promotion of Health in Recycling Lead â€“ Rationale and design. Blood Pressure, 2015, 24, 147-157.	1.5	12
140	ECG Voltage in Relation to Peripheral and Central Ambulatory Blood Pressure. American Journal of Hypertension, 2018, 31, 178-187.	2.0	12
141	Estimation of Glomerular Filtration Rate Based on Serum Cystatin C versus Creatinine in a Uruguayan Population. International Journal of Nephrology, 2014, 2014, 1-9.	1.3	11
142	Office and Home Blood Pressures as Determinants of Electrocardiographic Left Ventricular Hypertrophy Among Black Nigerians Compared With White Flemish. American Journal of Hypertension, 2017, 30, 1083-1092.	2.0	11
143	The rationale and design of reduction of uncontrolled hypertension by Remote Monitoring and Telemedicine (REMOTE) study. Blood Pressure, 2018, 27, 99-105.	1.5	11
144	Renal function in relation to low-level environmental lead exposure. Nephrology Dialysis Transplantation, 2019, 34, 941-946.	0.7	11

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145	Rationale and design of the Newer Versus Older Antihypertensive Agents in African Hypertensive Patients (NOAAH) trial. Blood Pressure, 2011, 20, 256-266.	1.5	10
146	Association of left ventricular structure and function with peripheral blood mitochondrial DNA content in a general population. International Journal of Cardiology, 2016, 214, 180-188.	1.7	10
147	Urinary peptidomic biomarkers of renal function in heart transplant recipients. Nephrology Dialysis Transplantation, 2019, 34, 1336-1343.	0.7	10
148	Retinal Microvasculature in Relation to Central Hemodynamics in a Flemish Population. Hypertension, 2019, 74, 606-613.	2.7	10
149	Serum and urinary biomarkers of collagen typeâ€I turnover predict prognosis in patients with heart failure. Clinical and Translational Medicine, 2021, 11, e267.	4.0	10
150	Epidemiological and histological findings implicate matrix Gla protein in diastolic left ventricular dysfunction. PLoS ONE, 2018, 13, e0193967.	2.5	10
151	Aspirin use is associated with increased risk for incident heart failure: a patientâ€level pooled analysis. ESC Heart Failure, 2022, 9, 685-694.	3.1	10
152	Correlation Between Mitochondrial DNA Content Measured in Myocardium and Peripheral Blood of Patients with Non-Ischemic Heart Failure. Genetic Testing and Molecular Biomarkers, 2017, 21, 736-741.	0.7	9
153	Urinary Proteomics in Predicting Heart Transplantation Outcomes (uPROPHET)â€"Rationale and database description. PLoS ONE, 2017, 12, e0184443.	2.5	9
154	Urinary Proteomic Profile of Arterial Stiffness Is Associated With Mortality and Cardiovascular Outcomes. Journal of the American Heart Association, 2022, 11, e024769.	3.7	9
155	Reproducibility of Retinal Microvascular Traits Decoded by the Singapore I Vessel Assessment Software Across the Human Age Range. American Journal of Hypertension, 2018, 31, 438-449.	2.0	8
156	Area of the pressure-strain loop during ejection as non-invasive index of left ventricular performance: a population study. Cardiovascular Ultrasound, 2019, 17, 15.	1.6	8
157	Urinary proteomics combined with home blood pressure telemonitoring for health care reform trial: rational and protocol. Blood Pressure, 2021, 30, 269-281.	1.5	8
158	The novel proteomic signature for cardiac allograft vasculopathy. ESC Heart Failure, 2022, 9, 1216-1227.	3.1	8
159	Combined effect of renal function and serum potassium level in sudden cardiac death in aging hypertensive subjects. Hypertension Research, 2018, 41, 469-474.	2.7	7
160	Biomarkers to Assess Right Heart Pressures in Recipients of a Heart Transplant: A Proof-of-Concept Study. Transplantation Direct, 2018, 4, e346.	1.6	7
161	Two-Year Responses of Heart Rate and Heart Rate Variability to First Occupational Lead Exposure. Hypertension, 2021, 77, 1775-1786.	2.7	7
162	Normal-tension glaucomatous optic neuropathy is related to blood pressure variability in the Maracaibo Aging Study. Hypertension Research, 2021, 44, 1105-1112.	2.7	7

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163	Assessment of peripheral vascular function with photoplethysmographic pulse amplitude. Artery Research, 2011, 5, 58.	0.6	6
164	The International Database of Central Arterial Properties for Risk Stratification: Research Objectives and Baseline Characteristics of Participants. American Journal of Hypertension, 2021, , .	2.0	6
165	Opportunities of Antidiabetic Drugs in Cardiovascular Medicine. Hypertension, 2020, 76, 420-431.	2.7	6
166	Conventional and Ambulatory Blood Pressure as Predictors of Diastolic Left Ventricular Function in a Flemish Population. Journal of the American Heart Association, 2018, 7, .	3.7	5
167	Retinal microcirculation and leukocyte telomere length in the general population. Scientific Reports, 2018, 8, 7095.	3.3	5
168	Two-Year Responses of Office and Ambulatory Blood Pressure to First Occupational Lead Exposure. Hypertension, 2020, 76, 1299-1307.	2.7	5
169	Retinal and Renal Microvasculature in Relation to Central Hemodynamics in 11â€Yearâ€Old Children Born Preterm or At Term. Journal of the American Heart Association, 2020, 9, e014305.	3.7	5
170	Open-Angle Glaucomatous Optic Neuropathy Is Related to Dips Rather Than Increases in the Mean Arterial Pressure Over 24-H. American Journal of Hypertension, 2022, 35, 703-714.	2.0	5
171	Dissecting the Polygenic Basis of Primary Hypertension: Identification of Key Pathway-Specific Components. Frontiers in Cardiovascular Medicine, 2022, 9, 814502.	2.4	5
172	Comparing and contrasting risk factors for heart failure in patients with and without history of myocardial infarction: data from <scp>HOMAGE</scp> and the <scp>UK</scp> Biobank. European Journal of Heart Failure, 2022, 24, 976-984.	7.1	5
173	Left ventricular structure in relation to the human SAH gene in the European Project on Genes in Hypertension. Hypertension Research, 2009, 32, 145-151.	2.7	4
174	Left ventricular diastolic function associated with common genetic variation in ATP12Ain a general population. BMC Medical Genetics, 2014, 15, 121.	2.1	4
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