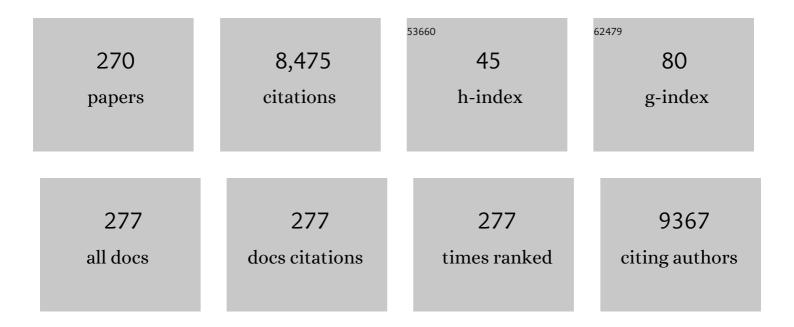
James E Sharman

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8518026/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	A call to action and a lifecourse strategy to address the global burden of raised blood pressure on current and future generations: the Lancet Commission on hypertension. Lancet, The, 2016, 388, 2665-2712.	6.3	670
2	Diastolic Stress Echocardiography: Hemodynamic Validation and Clinical Significance of Estimation of Ventricular Filling Pressure With Exercise. Journal of the American College of Cardiology, 2006, 47, 1891-1900.	1.2	361
3	Validation of a Generalized Transfer Function to Noninvasively Derive Central Blood Pressure During Exercise. Hypertension, 2006, 47, 1203-1208.	1.3	267
4	Increased Stroke Volume and Aortic Stiffness Contribute to Isolated Systolic Hypertension in Young Adults. Hypertension, 2005, 46, 221-226.	1.3	238
5	Evidence for Abnormal Left Ventricular Structure and Function in Normotensive Individuals with Familial Hyperaldosteronism Type I. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 5070-5076.	1.8	230
6	Exercise-Induced Hypertension, Cardiovascular Events, and Mortality in Patients Undergoing Exercise Stress Testing: A Systematic Review and Meta-Analysis. American Journal of Hypertension, 2013, 26, 357-366.	1.0	203
7	May Measurement Month 2018: a pragmatic global screening campaign to raise awareness of blood pressure by the International Society of Hypertension. European Heart Journal, 2019, 40, 2006-2017.	1.0	193
8	Accuracy of Cuff-Measured Blood Pressure. Journal of the American College of Cardiology, 2017, 70, 572-586.	1.2	186
9	Validation of non-invasive central blood pressure devices: ARTERY Society task force consensus statement on protocol standardization. European Heart Journal, 2017, 38, 2805-2812.	1.0	175
10	Determinants of Exercise Capacity in Patients With Type 2 Diabetes. Diabetes Care, 2005, 28, 1643-1648.	4.3	164
11	Effect of Intradialytic Versus Home-Based Aerobic Exercise Training on Physical Function and Vascular Parameters in Hemodialysis Patients: A Randomized Pilot Study. American Journal of Kidney Diseases, 2010, 55, 88-99.	2.1	162
12	Exercise and Cardiovascular Risk in Patients With Hypertension. American Journal of Hypertension, 2015, 28, 147-158.	1.0	140
13	Definition of ambulatory blood pressure targets for diagnosis and treatment of hypertension in relation to clinic blood pressure: prospective cohort study. BMJ: British Medical Journal, 2010, 340, c1104-c1104.	2.4	136
14	Randomized Trial of Guiding Hypertension Management Using Central Aortic Blood Pressure Compared With Best-Practice Care. Hypertension, 2013, 62, 1138-1145.	1.3	132
15	Accuracy of commercial devices and methods for noninvasive estimation of aortic systolic blood pressure a systematic review and meta-analysis of invasive validation studies. Journal of Hypertension, 2016, 34, 1237-1248.	0.3	112
16	Macrovasculature and Microvasculature at the Crossroads Between Type 2 Diabetes Mellitus and Hypertension. Hypertension, 2019, 73, 1138-1149.	1.3	111
17	Metabolomics Data Normalization with EigenMS. PLoS ONE, 2014, 9, e116221.	1.1	96
18	Lancet Commission on Hypertension group position statement on the global improvement of accuracy standards for devices that measure blood pressure. Journal of Hypertension, 2020, 38, 21-29.	0.3	93

#	Article	IF	CITATIONS
19	Augmentation Index, Left Ventricular Contractility, and Wave Reflection. Hypertension, 2009, 54, 1099-1105.	1.3	91
20	Exercise blood pressure: clinical relevance and correct measurement. Journal of Human Hypertension, 2015, 29, 351-358.	1.0	87
21	Association of Masked Hypertension and Left Ventricular Remodeling With the Hypertensive Response to Exercise. American Journal of Hypertension, 2011, 24, 898-903.	1.0	86
22	Central blood pressure measurement may improve risk stratification. Journal of Human Hypertension, 2008, 22, 838-844.	1.0	82
23	Home blood pressure monitoring: methodology, clinical relevance and practical application: a 2021 position paper by the Working Group on Blood Pressure Monitoring and Cardiovascular Variability of the European Society of Hypertension. Journal of Hypertension, 2021, 39, 1742-1767.	0.3	82
24	Optimizing observer performance of clinic blood pressure measurement. Journal of Hypertension, 2019, 37, 1737-1745.	0.3	79
25	The effect of exercise on large artery haemodynamics in healthy young men. European Journal of Clinical Investigation, 2005, 35, 738-744.	1.7	76
26	Pulse Wave Analysis Is a Reproducible Technique for Measuring Central Blood Pressure During Hemodynamic Perturbations Induced by Exercise. American Journal of Hypertension, 2008, 21, 1100-1106.	1.0	72
27	Blood Pressure Response to Exercise and Cardiovascular Disease. Current Hypertension Reports, 2017, 19, 89.	1.5	72
28	Masked hypertension is "unmasked―by low-intensity exercise blood pressure. Blood Pressure, 2011, 20, 284-289.	0.7	68
29	Metabolomics in hypertension. Journal of Hypertension, 2014, 32, 1159-1169.	0.3	68
30	Patients With Type 2 Diabetes Have Exaggerated Brachial and Central Exercise Blood Pressure: Relation to Left Ventricular Relative Wall Thickness. American Journal of Hypertension, 2008, 21, 715-721.	1.0	67
31	Nonvalidated Home Blood Pressure Devices Dominate the Online Marketplace in Australia. Hypertension, 2020, 75, 1593-1599.	1.3	67
32	Pulse pressure amplification during exercise is significantly reduced with age and hypercholesterolemia. Journal of Hypertension, 2007, 25, 1249-1254.	0.3	66
33	Greater Daily Defined Dose of Antihypertensive Medication Increases the Risk of Falls in Older People—A Populationâ€Based Study. Journal of the American Geriatrics Society, 2014, 62, 1527-1533.	1.3	65
34	Cuffless blood pressure measuring devices: review and statement by the European Society of Hypertension Working Group on Blood Pressure Monitoring and Cardiovascular Variability. Journal of Hypertension, 2022, 40, 1449-1460.	0.3	65
35	Reduced central blood pressure in older adults following progressive resistance training. Journal of Human Hypertension, 2007, 21, 96-98.	1.0	63
36	Exercise Central (Aortic) Blood Pressure Is Predominantly Driven by Forward Traveling Waves, Not Wave Reflection. Hypertension, 2013, 62, 175-182.	1.3	63

#	Article	IF	CITATIONS
37	Central blood pressure in the management of hypertension: soon reaching the goal?. Journal of Human Hypertension, 2013, 27, 405-411.	1.0	62
38	Home blood pressure monitoring. Journal of Hypertension, 2015, 33, 1721-1728.	0.3	62
39	Effects of Atorvastatin on Arterial Stiffness in Chronic Kidney Disease: a Randomised Controlled Trial. Journal of Atherosclerosis and Thrombosis, 2010, 17, 235-241.	0.9	61
40	Australian Association for Exercise and Sports Science Position Statement on Exercise and Hypertension. Journal of Science and Medicine in Sport, 2009, 12, 252-257.	0.6	57
41	São Paulo call to action for the prevention and control of high blood pressure: 2020. Journal of Clinical Hypertension, 2019, 21, 1744-1752.	1.0	53
42	Brachial and Radial Systolic Blood Pressure Are Not the Same. Hypertension, 2019, 73, 1036-1041.	1.3	51
43	Skeletal Muscle Microvascular-Linked Improvements in Glycemic Control From Resistance Training in Individuals With Type 2 Diabetes. Diabetes Care, 2017, 40, 1256-1263.	4.3	50
44	Validity and reliability of central blood pressure estimated by upper arm oscillometric cuff pressure. American Journal of Hypertension, 2012, 25, 414-420.	1.0	49
45	Vitamin D supplementation in the management of knee osteoarthritis: study protocol for a randomized controlled trial. Trials, 2012, 13, 131.	0.7	49
46	Clinical Relevance of Exaggerated Exercise Blood Pressure. Journal of the American College of Cardiology, 2015, 66, 1843-1845.	1.2	48
47	Exercise and sport science australia position stand update on exercise and hypertension. Journal of Human Hypertension, 2019, 33, 837-843.	1.0	47
48	Exercise Hypertension. Pulse, 2013, 1, 161-176.	0.9	46
49	Resting Heart Rate and the Association of Physical Fitness With Carotid Artery Stiffness. American Journal of Hypertension, 2014, 27, 65-71.	1.0	45
50	Left Ventricular Mass in Patients With Type 2 Diabetes Is Independently Associated With Central but not Peripheral Pulse Pressure. Diabetes Care, 2005, 28, 937-939.	4.3	44
51	Towards a consensus on the understanding and analysis of the pulse waveform: Results from the 2016 Workshop on Arterial Hemodynamics: Past, present and future. Artery Research, 2017, 18, 75.	0.3	44
52	Contribution of nitric oxide to the blood pressure and arterial responses to exercise in humans. Journal of Human Hypertension, 2011, 25, 262-270.	1.0	42
53	Importance of Calibration Method in Central Blood Pressure for Cardiac Structural Abnormalities. American Journal of Hypertension, 2016, 29, 1070-1076.	1.0	41
54	Waiting a few extra minutes before measuring blood pressure has potentially important clinical and research ramifications. Journal of Human Hypertension, 2014, 28, 56-61.	1.0	40

#	Article	IF	CITATIONS
55	Aortic Reservoir Pressure Corresponds to Cyclic Changes in Aortic Volume. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1597-1603.	1.1	40
56	Cardiorespiratory fitness and cardiovascular burden in chronic kidney disease. Journal of Science and Medicine in Sport, 2015, 18, 492-497.	0.6	40
57	Low exercise blood pressure and risk of cardiovascular events and all-cause mortality: Systematic review and meta-analysis. Atherosclerosis, 2014, 237, 13-22.	0.4	39
58	How to check whether a blood pressure monitor has been properly validated for accuracy. Journal of Clinical Hypertension, 2020, 22, 2167-2174.	1.0	39
59	Exaggerated blood pressure response to early stages of exercise stress testing and presence of hypertension. Journal of Science and Medicine in Sport, 2016, 19, 1039-1042.	0.6	38
60	Astaxanthin has no effect on arterial stiffness, oxidative stress, or inflammation in renal transplant recipients: a randomized controlled trial (the XANTHIN trial). American Journal of Clinical Nutrition, 2016, 103, 283-289.	2.2	38
61	Effects of antioxidant supplementation on blood cyclosporin A and glomerular filtration rate in renal transplant recipients. Nephrology Dialysis Transplantation, 2005, 20, 1970-1975.	0.4	36
62	Feasibility of a multi-modal exercise program on cognition in older adults with Type 2 diabetes – a pilot randomised controlled trial. BMC Geriatrics, 2017, 17, 237.	1.1	36
63	Discovery of New Blood Pressure Phenotypes and Relation to Accuracy of Cuff Devices Used in Daily Clinical Practice. Hypertension, 2018, 71, 1239-1247.	1.3	36
64	Cardiovascular Phenotype of Elevated Blood Pressure Differs Markedly Between Young Males and Females. Hypertension, 2018, 72, 1277-1284.	1.3	36
65	Association of Arterial Wave Properties and Diastolic Dysfunction in Patients With Type 2 Diabetes Mellitus. American Journal of Cardiology, 2007, 99, 844-848.	0.7	35
66	Metabolomics reveals increased isoleukotoxin diol (12,13-DHOME) in human plasma after acute Intralipid infusion. Journal of Lipid Research, 2012, 53, 1979-1986.	2.0	35
67	Resistance exercise training reduces arterial reservoir pressure in older adults with prehypertension and hypertension. Hypertension Research, 2013, 36, 422-427.	1.5	35
68	Brachial-to-radial SBP amplification. Journal of Hypertension, 2015, 33, 1876-1883.	0.3	34
69	Exercise excess pressure and exercise-induced albuminuria in patients with type 2 diabetes mellitus. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H1136-H1142.	1.5	33
70	Cardiovascular implications of exposure to traffic air pollution during exercise. QJM - Monthly Journal of the Association of Physicians, 2004, 97, 637-643.	0.2	32
71	Nitric Oxide Does Not Significantly Contribute to Changes in Pulse Pressure Amplification During Light Aerobic Exercise. Hypertension, 2008, 51, 856-861.	1.3	32
72	Regression to the mean of repeated ambulatory blood pressure monitoring in five studies. Journal of Hypertension, 2019, 37, 24-29.	0.3	32

#	Article	IF	CITATIONS
73	Astaxanthin vs placebo on arterial stiffness, oxidative stress and inflammation in renal transplant patients (Xanthin): a randomised controlled trial. BMC Nephrology, 2008, 9, 17.	0.8	31
74	Facebook advertising for participant recruitment into a blood pressure clinical trial. Journal of Hypertension, 2017, 35, 2527-2531.	0.3	31
75	Intra-arterial analysis of the best calibration methods to estimate aortic blood pressure. Journal of Hypertension, 2019, 37, 307-315.	0.3	31
76	Central Hemodynamics Could Explain the Inverse Association Between Height and Cardiovascular Mortality. American Journal of Hypertension, 2014, 27, 392-400.	1.0	30
77	Evaluation of a Brachial Cuff and Suprasystolic Waveform Algorithm Method to Noninvasively Derive Central Blood Pressure. American Journal of Hypertension, 2015, 28, 480-486.	1.0	29
78	Validation Study to Determine the Accuracy of Central Blood Pressure Measurement Using the Sphygmocor Xcel Cuff Device. Hypertension, 2020, 76, 244-250.	1.3	28
79	Influence of Age on Upper Arm Cuff Blood Pressure Measurement. Hypertension, 2020, 75, 844-850.	1.3	27
80	The effect of exercise on large artery haemodynamics in cystic fibrosis. Journal of Cystic Fibrosis, 2011, 10, 121-127.	0.3	26
81	Lower systolic blood pressure is associated with poorer survival in long-term survivors of stroke. Journal of Hypertension, 2014, 32, 904-911.	0.3	26
82	Central hemodynamics in ultra-endurance athletes. Journal of Science and Medicine in Sport, 2008, 11, 390-395.	0.6	25
83	The cross-sectional association of sitting time with carotid artery stiffness in young adults. BMJ Open, 2014, 4, e004384.	0.8	25
84	Effectiveness of Vitamin D Supplementation for Cardiovascular Health Outcomes. Pulse, 2016, 4, 193-207.	0.9	25
85	Blood Pressure Variability and Prediction of Target Organ Damage in Patients With Uncomplicated Hypertension. American Journal of Hypertension, 2016, 29, 1046-1054.	1.0	25
86	Abdominal Obesity and Brain Atrophy in Type 2 Diabetes Mellitus. PLoS ONE, 2015, 10, e0142589.	1.1	25
87	Arterial stiffness, central blood pressure and body size in health and disease. International Journal of Obesity, 2012, 36, 93-99.	1.6	24
88	Arterial (Aortic) Stiffness in Patients with Resistant Hypertension: from Assessment to Treatment. Current Hypertension Reports, 2017, 19, 2.	1.5	24
89	Oral glucose challenge impairs skeletal muscle microvascular blood flow in healthy people. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E307-E315.	1.8	24
90	Validation Status of Blood Pressure Measuring Devices Sold Globally. JAMA - Journal of the American Medical Association, 2022, 327, 680.	3.8	24

#	Article	IF	CITATIONS
91	Radial pressure waveform dP/dt max is a poor indicator of left ventricular systolic function. European Journal of Clinical Investigation, 2007, 37, 276-281.	1.7	23
92	Relative contributions of adiposity in childhood and adulthood toÂvascular health of young adults. Atherosclerosis, 2013, 228, 259-264.	0.4	23
93	Aortic reservoir characteristics and brain structure in people with type 2 diabetes mellitus; a cross sectional study. Cardiovascular Diabetology, 2014, 13, 143.	2.7	23
94	Exposure to Automotive Pollution Increases Plasma Susceptibility to Oxidation. Archives of Environmental Health, 2002, 57, 536-540.	0.4	22
95	Arterial Oxygen Desaturation Kinetics during Apnea. Medicine and Science in Sports and Exercise, 2005, 37, 1871-1876.	0.2	22
96	Associations and clinical relevance of aortic-brachial artery stiffness mismatch, aortic reservoir function, and central pressure augmentation. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H1225-H1233.	1.5	22
97	Arterial reservoir characteristics and central-to-peripheral blood pressure amplification in the human upper limb. Journal of Hypertension, 2017, 35, 1825-1831.	0.3	22
98	Aortic systolic pressure derived with different calibration methods. Blood Pressure Monitoring, 2018, 23, 134-140.	0.4	22
99	Brief online certification course for measuring blood pressure with an automated blood pressure device. A free new resource to support World Hypertension Day Oct 17, 2020. Journal of Clinical Hypertension, 2020, 22, 1754-1756.	1.0	22
100	Intradialytic versus home based exercise training in hemodialysis patients: a randomised controlled trial. BMC Nephrology, 2009, 10, 2.	0.8	21
101	The Effect of a High-Fat Meal on Postprandial Arterial Stiffness in Men with Obesity and Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 4455-4459.	1.8	21
102	Contribution of abnormal central blood pressure to left ventricular filling pressure during exercise in patients with heart failure and preserved ejection fraction. Journal of Hypertension, 2011, 29, 1422-1430.	0.3	21
103	Comparison of Central Blood Pressure Estimated by a Cuff-Based Device With Radial Tonometry. American Journal of Hypertension, 2016, 29, 1173-1178.	1.0	21
104	Accuracy of blood pressure monitoring devices: a critical need for improvement that could resolve discrepancy in hypertension guidelines. Journal of Human Hypertension, 2019, 33, 89-93.	1.0	21
105	The influence of SBP amplification on the accuracy of form-factor-derived mean arterial pressure. Journal of Hypertension, 2020, 38, 1033-1039.	0.3	21
106	Impaired baroreflex sensitivity, carotid stiffness, and exaggerated exercise blood pressure: a community-based analysis from the Paris Prospective Study III. European Heart Journal, 2018, 39, 599-606.	1.0	20
107	Alpha-lipoic acid does not acutely affect resistance and conduit artery function or oxidative stress in healthy men. British Journal of Clinical Pharmacology, 2004, 58, 243-248.	1.1	19
108	Lifestyle Change Diminishes a Hypertensive Response to Exercise in Type 2 Diabetes. Medicine and Science in Sports and Exercise, 2011, 43, 764-769.	0.2	19

#	Article	IF	CITATIONS
109	12 min/week of high-intensity interval training reduces aortic reservoir pressure in individuals with metabolic syndrome. Journal of Hypertension, 2016, 34, 1977-1987.	0.3	19
110	HEARTS in the Americas: innovations for improving hypertension and cardiovascular disease risk management in primary care. Revista Panamericana De Salud Publica/Pan American Journal of Public Health, 2022, 46, 1.	0.6	19
111	Effects of aldosterone on forearm vasculature in treated chronic heart failure. American Journal of Cardiology, 2005, 95, 412-414.	0.7	18
112	Central versus peripheral blood pressure. Journal of Hypertension, 2016, 34, 1497-1499.	0.3	18
113	Weak and fragmented regulatory frameworks on the accuracy of blood pressureâ€measuring devices pose a major impediment for the implementation of HEARTS in the Americas. Journal of Clinical Hypertension, 2020, 22, 2184-2191.	1.0	18
114	The impact of small to moderate inaccuracies in assessing blood pressure on hypertension prevalence and control rates. Journal of Clinical Hypertension, 2020, 22, 939-942.	1.0	18
115	Type 2 Diabetes Mellitus Is Independently Associated With Decreased Neural Baroreflex Sensitivity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1420-1428.	1.1	18
116	HEARTS in the Americas: a global example of using clinically validated automated blood pressure devices in cardiovascular disease prevention and management in primary health care settings. Journal of Human Hypertension, 2023, 37, 126-129.	1.0	18
117	Impact of Spironolactone on Vascular, Myocardial, and Functional Parameters in Untreated Patients With a Hypertensive Response to Exercise. American Journal of Hypertension, 2013, 26, 691-699.	1.0	17
118	Identification of the Optimal Protocol for Automated Office Blood Pressure Measurement Among Patients With Treated Hypertension. American Journal of Hypertension, 2018, 31, 299-304.	1.0	17
119	Masked hypertension and submaximal exercise blood pressure among adolescents from the Avon Longitudinal Study of Parents and Children (ALSPAC). Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 25-30.	1.3	17
120	Global Marketing and Sale of Accurate Cuff Blood Pressure Measurement Devices. Circulation, 2020, 142, 321-323.	1.6	17
121	Effect of increased preload on the synthesized aortic blood pressure waveform. Journal of Applied Physiology, 2010, 109, 484-490.	1.2	16
122	J-curves in hypertension: what do they tell us about treatment of high blood pressure?. European Heart Journal, 2018, 39, 3115-3118.	1.0	16
123	Pulsatile interaction between the macro-vasculature and micro-vasculature: proof-of-concept among patients with type 2 diabetes. European Journal of Applied Physiology, 2018, 118, 2455-2463.	1.2	16
124	The Accuracy in Measurement of Blood Pressure (AIMâ€BP) collaborative: Background and rationale. Journal of Clinical Hypertension, 2019, 21, 1780-1783.	1.0	16
125	Comparison of markers of oxidative stress, inflammation and arterial stiffness between incident hemodialysis and peritoneal dialysis patients – an observational study. BMC Nephrology, 2009, 10, 8.	0.8	15
126	Exercise aortic stiffness: reproducibility and relation to end-organ damage in men. Journal of Human Hypertension, 2013, 27, 516-522.	1.0	15

#	Article	IF	CITATIONS
127	Methodological factors affecting quantification of blood pressure variability. Journal of Hypertension, 2018, 36, 711-719.	0.3	15
128	Individual and Neighborhood Deprivation and Carotid Stiffness. Hypertension, 2019, 73, 1185-1194.	1.3	15
129	Reproducibility of cardiac output derived by impedance cardiography during postural changes and exercise. Artery Research, 2012, 6, 78.	0.3	14
130	Central pressure should be used in clinical practice. Artery Research, 2015, 9, 1.	0.3	14
131	Vigorous physical activity and carotid distensibility in young and mid-aged adults. Hypertension Research, 2015, 38, 355-360.	1.5	14
132	Nonâ€invasive measurement of reservoir pressure parameters from brachialâ€cuff blood pressure waveforms. Journal of Clinical Hypertension, 2018, 20, 1703-1711.	1.0	14
133	Clinicians prescribing exercise: is air pollution a hazard?. Medical Journal of Australia, 2005, 182, 606-607.	0.8	13
134	Influence of Altered Blood Rheology on Ventricular-Vascular Response to Exercise. Hypertension, 2009, 54, 1092-1098.	1.3	13
135	Central Hemodynamics and Cardiovascular Risk in Nondippers. Journal of Clinical Hypertension, 2011, 13, 557-562.	1.0	13
136	Rationale and design of a randomized study to determine the value of central Blood Pressure for GUIDing managEment of hypertension: The BP GUIDE study. American Heart Journal, 2012, 163, 761-767.	1.2	13
137	Body Silhouette Trajectories Across the Lifespan and Vascular Aging. Hypertension, 2018, 72, 1095-1102.	1.3	13
138	Twenty-Four–Hour Central (Aortic) Systolic Blood Pressure: Reference Values and Dipping Patterns in Untreated Individuals. Hypertension, 2022, 79, 251-260.	1.3	13
139	Effects of Maximal Static Apnea on Antioxidant Defenses in Trained Free Divers. Medicine and Science in Sports and Exercise, 2008, 40, 1307-1313.	0.2	12
140	Augmentation index and arterial stiffness in patients with type 2 diabetes mellitus. Artery Research, 2013, 7, 194.	0.3	12
141	Osteoarthritis bone marrow lesions at the knee and large artery characteristics. Osteoarthritis and Cartilage, 2014, 22, 91-94.	0.6	12
142	Estimating central blood pressure in the extreme vascular phenotype of advanced kidney disease. Kidney International, 2016, 90, 736-739.	2.6	12
143	Association of central blood pressure with left atrial structural and functional abnormalities in hypertensive patients: Implications for atrial fibrillation prevention. European Journal of Preventive Cardiology, 2019, 26, 1018-1027.	0.8	12
144	Pragmatic Method Using Blood Pressure Diaries to Assess Blood Pressure Control. Annals of Family Medicine, 2016, 14, 63-69.	0.9	11

#	Article	IF	CITATIONS
145	Stability of left ventricular longitudinal and circumferential deformation over time and standard loading conditions. European Heart Journal Cardiovascular Imaging, 2017, 18, 1001-1007.	0.5	11
146	Age-dependent changes in blood pressure over consecutive office measurements. Journal of Hypertension, 2017, 35, 753-760.	0.3	11
147	Prognostic Value of Carotid and Radial Artery Reservoirâ€Wave Parameters in End‣tage Renal Disease. Journal of the American Heart Association, 2019, 8, e012314.	1.6	11
148	Submaximal exercise blood pressure and cardiovascular structure in adolescence. International Journal of Cardiology, 2019, 275, 152-157.	0.8	11
149	Adults With Type 2 Diabetes Mellitus Exhibit a Greater Exercise-Induced Increase in Arterial Stiffness and Vessel Hemodynamics. Hypertension, 2020, 75, 1565-1573.	1.3	11
150	Effects of bradykinin on venous capacitance in health and treated chronic heart failure. Clinical Science, 2009, 116, 443-450.	1.8	10
151	Acute elevation of triglycerides increases left ventricular contractility and alters ventricular-vascular interaction. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H123-H128.	1.5	10
152	Augmentation Index Immediately after Maximal Exercise in Patients with Type 2 Diabetes Mellitus. Medicine and Science in Sports and Exercise, 2012, 44, 75-83.	0.2	10
153	Fitness Is Independently Associated with Central Hemodynamics in Metabolic Syndrome. Medicine and Science in Sports and Exercise, 2016, 48, 1539-1547.	0.2	10
154	Brachial-to-radial systolic blood pressure amplification in patients with type 2 diabetes mellitus. Journal of Human Hypertension, 2016, 30, 404-409.	1.0	10
155	Longitudinal Changes in Excess Pressure Independently Predict Declining Renal Function Among Healthy Individuals—A Pilot Study. American Journal of Hypertension, 2017, 30, 772-775.	1.0	10
156	Influence of blood pressure level and age on within-visit blood pressure variability in children and adolescents. European Journal of Pediatrics, 2018, 177, 205-210.	1.3	10
157	Automated â€~oscillometric' blood pressure measuring devices: how they work and what they measure. Journal of Human Hypertension, 2023, 37, 93-100.	1.0	10
158	Endurance exercise, plasma oxidation and cardiovascular risk. Acta Cardiologica, 2004, 59, 636-642.	0.3	9
159	Patients with coronary slow flow phenomenon demonstrate normal myocardial blood flow and arterial wave reflection between acute episodes. International Journal of Cardiology, 2009, 131, 321-325.	0.8	9
160	Effect of whole-body mild-cold exposure on arterial stiffness and central haemodynamics: a randomised, cross-over trial in healthy men and women. European Journal of Applied Physiology, 2013, 113, 1257-1269.	1.2	9
161	Association Between Occupational, Sport, and Leisure Related Physical Activity and Baroreflex Sensitivity. Hypertension, 2019, 74, 1476-1483.	1.3	9
162	Cardiorespiratory Fitness, Workload, and the Blood Pressure Response to Exercise Testing. Exercise and Sport Sciences Reviews, 2022, 50, 25-30.	1.6	9

#	Article	IF	CITATIONS
163	How to measure home blood pressure: Recommendations for healthcare professionals and patients. Australian Family Physician, 2016, 45, 31-4.	0.5	9
164	Global proliferation and clinical consequences of non-validated automated BP devices. Journal of Human Hypertension, 2023, 37, 115-119.	1.0	9
165	Persistent elevation of central pulse pressure during postural stress in patients with type 2 diabetes mellitus. Journal of Human Hypertension, 2013, 27, 437-444.	1.0	8
166	Ambulatory and central haemodynamics during progressive ascent to high-altitude and associated hypoxia. Journal of Human Hypertension, 2014, 28, 705-710.	1.0	8
167	Effect of Vitamin D Supplementation on Aortic Stiffness and Arterial Hemodynamics inÂPeople With Osteoarthritis and VitaminÂD Deficiency. Journal of the American College of Cardiology, 2015, 66, 2679-2681.	1.2	8
168	Guiding Hypertension Management Using Central Blood Pressure: Effect of Medication Withdrawal on Left Ventricular Function. American Journal of Hypertension, 2016, 29, 319-325.	1.0	8
169	Targeted LOWering of Central Blood Pressure in patients with hypertension: Baseline recruitment, rationale and design of a randomized controlled trial (The LOW CBP study). Contemporary Clinical Trials, 2017, 62, 37-42.	0.8	8
170	Absolute risk assessment for guiding cardiovascular risk management in a chest pain clinic. Medical Journal of Australia, 2021, 214, 266-271.	0.8	8
171	Exercise blood pressure and cardiac structure: A systematic review and meta-analysis of cross-sectional studies. Journal of Science and Medicine in Sport, 2021, 24, 925-930.	0.6	8
172	Socio-demographic and lifestyle factors associated with hypertension in Nigeria: results from a country-wide survey. Journal of Human Hypertension, 2022, , .	1.0	8
173	Re: Tartière et al, Noninvasively determined radial dP/dt is a predictor of mortality in patients with heart failure (Am Heart J 2008;155:758-63). American Heart Journal, 2008, 156, e21.	1.2	7
174	Outâ€ofâ€office and central blood pressure for risk stratification: a crossâ€sectional study in patients treated for hypertension. European Journal of Clinical Investigation, 2012, 42, 393-401.	1.7	7
175	Myocardial Perfusion and the J Curve Association Between Diastolic Blood Pressure and Mortality. American Journal of Hypertension, 2013, 26, 557-566.	1.0	7
176	Spironolactone reduces aortic stiffness via blood pressure-dependent effects of canrenoate. Metabolomics, 2014, 10, 105-113.	1.4	7
177	Association of von Willebrand factor blood levels with exercise hypertension. European Journal of Applied Physiology, 2015, 115, 1057-1065.	1.2	7
178	Associations of blood pressure variability and retinal arteriolar diameter in participants with type 2 diabetes. Diabetes and Vascular Disease Research, 2016, 13, 299-302.	0.9	7
179	Systolic blood pressure amplification and waveform calibration. Hypertension Research, 2017, 40, 518-518.	1.5	7
180	Validation of non-invasive central blood pressure devices: Artery society task force (abridged) consensus statement on protocol standardization. Artery Research, 2017, 20, 35.	0.3	7

#	Article	IF	CITATIONS
181	Regression to the mean in home blood pressure: Analyses of the BP GUIDE study. Journal of Clinical Hypertension, 2020, 22, 1184-1191.	1.0	7
182	Physiological and clinical insights from reservoir-excess pressure analysis. Journal of Human Hypertension, 2021, 35, 758-768.	1.0	7
183	General practitioners maintain a focus on blood pressure management rather than absolute cardiovascular disease risk management. Journal of Evaluation in Clinical Practice, 2021, 27, 1353-1360.	0.9	7
184	Impaired postprandial skeletal muscle vascular responses to a mixed meal challenge in normoglycaemic people with a parent with type 2 diabetes. Diabetologia, 2022, 65, 216-225.	2.9	7
185	New insights into cardiovascular risk from the exercise central waveform. Artery Research, 2008, 2, 132.	0.3	6
186	Assessment of arterial stiffness, oxidative stress and inflammation in acute kidney injury. BMC Nephrology, 2009, 10, 15.	0.8	6
187	Aortic-to-brachial stiffness gradient and kidney function in type 2 diabetes. Journal of Hypertension, 2016, 34, 1132-1139.	0.3	6
188	May Measurement Month 2017: an analysis of blood pressure screening results from Australia—South-East Asia and Australasia. European Heart Journal Supplements, 2019, 21, D14-D16.	0.0	6
189	Role of Vascular Adaptation in Determining Systolic Blood Pressure in Young Adults. Journal of the American Heart Association, 2020, 9, e014375.	1.6	6
190	Associations of Reservoir-Excess Pressure Parameters Derived From Central and Peripheral Arteries With Kidney Function. American Journal of Hypertension, 2020, 33, 325-330.	1.0	6
191	Reply. Journal of Hypertension, 2020, 38, 775.	0.3	6
192	Response by Armstrong et al to Letter Regarding Article "Brachial and Radial Systolic Blood Pressure Are Not the Same: Evidence to Support the Popeye Phenomenon― Hypertension, 2019, 74, e35-e36.	1.3	5
193	Comparison of manual and automated auscultatory blood pressure during graded exercise among people with type 2 diabetes. Journal of Clinical Hypertension, 2019, 21, 1872-1878.	1.0	5
194	Blood Pressure, Aortic Stiffness, Hemodynamics, and Cognition in Twin Pairs Discordant for Type 2 Diabetes. Journal of Alzheimer's Disease, 2019, 71, 763-773.	1.2	5
195	Central-to-brachial blood pressure amplification in type 2 diabetes: a systematic review and meta-analysis. Journal of Human Hypertension, 2019, 33, 94-105.	1.0	5
196	Cardiorespiratory fitness, fatness, and the acute blood pressure response to exercise in adolescence. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 1693-1698.	1.3	5
197	Excess pressure as an analogue of blood flow velocity. Journal of Hypertension, 2021, 39, 421-427.	0.3	5
198	Country experiences on the path to exclusive use of validated automated blood pressure measuring devices within the HEARTS in the Americas Initiative. Journal of Human Hypertension, 0, , .	1.0	5

#	Article	IF	CITATIONS
199	Relationship between homocysteine and cardiorespiratory fitness is sex-dependent. Nutrition Research, 2004, 24, 593-602.	1.3	4
200	Serum metabolic profile predicts adverse central haemodynamics in patients with type 2 diabetes mellitus. Acta Diabetologica, 2016, 53, 367-375.	1.2	4
201	Cuff Under Pressure for Greater Accuracy. Current Hypertension Reports, 2020, 22, 93.	1.5	4
202	The influence of fitness on exercise blood pressure and its association with cardiac structure in adolescence. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 1033-1039.	1.3	4
203	Integration of absolute cardiovascular disease risk assessment into routine blood cholesterol testing at pathology services. Family Practice, 2020, 37, 675-681.	0.8	4
204	Brachial-cuff excess pressure is associated with carotid intima-media thickness among Australian children: a cross-sectional population study. Hypertension Research, 2021, 44, 541-549.	1.5	4
205	Clinical audit of adherence to hypertension treatment guideline and control rates in hospitals of different sizes in Thailand. Journal of Clinical Hypertension, 2021, 23, 702-712.	1.0	4
206	Identifying Isolated Systolic Hypertension From Upper-Arm Cuff Blood Pressure Compared With Invasive Measurements. Hypertension, 2021, 77, 632-639.	1.3	4
207	Nonpharmacological Management of Resistant Hypertension. Current Cardiology Reports, 2021, 23, 166.	1.3	4
208	The Identification and Management of High Blood Pressure Using Exercise Blood Pressure: Current Evidence and Practical Guidance. International Journal of Environmental Research and Public Health, 2022, 19, 2819.	1.2	4
209	Gender differences in systolic tissue velocity: role of left ventricular length. European Journal of Echocardiography, 2009, 10, 941-946.	2.3	3
210	Blood pressure and body mass index: a comparison of the associations in the Caucasian and Asian populations. Hypertension Research, 2012, 35, 523-530.	1.5	3
211	Misclassification of blood pressure of Vietnamese adults when only a single measurement is used. Journal of the American Society of Hypertension, 2018, 12, 671-680.	2.3	3
212	Aortic-to-brachial artery stiffness gradient is not blood pressure independent. Journal of Human Hypertension, 2019, 33, 385-392.	1.0	3
213	Self-directed multimedia process for delivering participant informed consent. BMJ Open, 2020, 10, e036977.	0.8	3
214	Clarity in validation protocols for central blood pressure devices. Journal of Hypertension, 2020, 38, 974.	0.3	3
215	Accuracy of central blood pressure by Mobil-O-Graph in children and adolescents. Journal of Hypertension, 2020, 38, 1388-1389.	0.3	3
216	Perceptions of pharmacists on the quality of automated blood pressure devices: a national survey. Journal of Human Hypertension, 2023, 37, 235-240.	1.0	3

#	Article	IF	CITATIONS
217	Relative Contribution of Blood Pressure in Childhood, Young―and Midâ€Adulthood to Large Artery Stiffness in Midâ€Adulthood. Journal of the American Heart Association, 2022, 11, .	1.6	3
218	Is There a Clinical Role of Light Exercise Central Blood Pressure?. American Journal of Hypertension, 2008, 21, 371-371.	1.0	2
219	Central Blood Pressure Physiology: A (More) Critical Analysis. American Journal of Hypertension, 2015, 28, 690-691.	1.0	2
220	Reply. Journal of Hypertension, 2017, 35, 894-896.	0.3	2
221	Paucity of evidence for the effectiveness of prophylactic low-dose oxytocin protocols (<5 IU) compared with 5 IU in women undergoing elective caesarean section. European Journal of Anaesthesiology, 2018, 35, 987-989.	0.7	2
222	Determinants of Increased Central Excess Pressure in Dialysis: Role of Dialysis Modality and Arteriovenous Fistula. American Journal of Hypertension, 2020, 33, 137-145.	1.0	2
223	Association of brachial-cuff excess pressure with carotid intima–media thickness in Australian adults: a cross-sectional study. Journal of Hypertension, 2020, 38, 723-730.	0.3	2
224	Pulsatile and steadyâ€state 24â€hour hemodynamics in adolescents and young adults: The next steps ahead. Journal of Clinical Hypertension, 2020, 22, 1797-1799.	1.0	2
225	General practitioner perceptions of assessment and reporting of absolute cardiovascular disease risk via pathology services: a qualitative study. Family Practice, 2021, 38, 172-179.	0.8	2
226	Within-visit SBP variability from childhood to adulthood and markers of cardiovascular end-organ damage in mid-life. Journal of Hypertension, 2021, 39, 1865-1875.	0.3	2
227	Within-visit and between-visit intra-individual blood pressure variability in an unselected adult population from rural China. Journal of Hypertension, 2021, 39, 1346-1351.	0.3	2
228	OUP accepted manuscript. American Journal of Hypertension, 2021, , .	1.0	2
229	A survey of anaesthetists on uterotonic usage practices for elective caesarean section in Australia and New Zealand. Anaesthesia and Intensive Care, 2021, 49, 440-447.	0.2	2
230	Guidelines for Home Blood Pressure Monitoring. Updates in Hypertension and Cardiovascular Protection, 2020, , 165-170.	0.1	2
231	Arterial stiffness: measurement and significance in management of hypertension. Indian Heart Journal, 2010, 62, 378-83.	0.2	2
232	Emerging Authors Program for Global Cardiovascular Disease Research-A collaboration of the U.S. Centers for Disease Control and Prevention, the Lancet Commission on Hypertension Group, Resolve to Save Lives, and the World Hypertension League. Journal of Human Hypertension, 2022, , .	1.0	2
233	Measurements of arterial pressure andÂflow inÂvivo. , 2022, , 27-47.		2
234	Impact of within-visit Systolic Blood Pressure Change Patterns on Blood Pressure Classification: The Cardiovascular Risk in Young Finns Study. European Journal of Preventive Cardiology, 0, , .	0.8	2

#	Article	IF	CITATIONS
235	How to find and use validated blood pressure measuring devices. Journal of Human Hypertension, 2023, 37, 108-114.	1.0	2
236	Cardiac syndrome X: relevance of arterial pressure waveform analysis to patients with chest pain and normal coronary arteries. Journal of Human Hypertension, 2006, 20, 473-474.	1.0	1
237	Light Activity Central End Systolic Pressure independently Predicts Left Ventricular Systolic Function in Patients with a Hypertensive Response to Exercise. Heart Lung and Circulation, 2008, 17, S63.	0.2	1
238	Strengthening the Case for Global Risk Assessment of Patients With High Blood Pressure. American Journal of Hypertension, 2009, 22, 9-9.	1.0	1
239	What is the Best Path Length for Aortic Pulse Wave Velocity? Preliminary Answer to a Stiff Question. American Journal of Hypertension, 2011, 24, 122-122.	1.0	1
240	Acute elevation of lipids does not alter exercise hemodynamics in healthy men: AÂrandomized controlled study. Atherosclerosis, 2013, 226, 234-237.	0.4	1
241	Twenty-four-hour aortic ambulatory blood pressure monitoring and target organ damage. Journal of Hypertension, 2017, 35, 2323.	0.3	1
242	Sharpening the Focus on Causes of Ethnic Differences in Aortic Stiffness. JACC: Cardiovascular Imaging, 2017, 10, 62-64.	2.3	1
243	Vascular biomarker measurement using wrist-worn tonometer technology. Journal of Hypertension, 2018, 36, 2138-2139.	0.3	1
244	The importance of calibration method in determining the association between central blood pressure with left ventricular and left atrial strain. International Journal of Cardiovascular Imaging, 2022, 38, 589-600.	0.7	1
245	Absolute risk assessment for guiding cardiovascular risk management in a chest pain clinic. Medical Journal of Australia, 2021, 215, 486-486.	0.8	1
246	High-quality medical research requires that equipment has been validated for accuracy. Advances in Clinical and Experimental Medicine, 2021, 30, 1221-1223.	0.6	1
247	Contribution of abnormal arterial function to cardiac syndrome X: a study of pressure waveform analysis and exercise haemodynamics. Journal of Human Hypertension, 2008, 22, 217-219.	1.0	0
248	14. USING CENTRAL BLOOD PRESSURE TO GUIDE THERAPY IN HYPERTENSION: BP GUIDE STUDY DESIGN AND INITIAL FINDINGS. Artery Research, 2009, 3, 97.	0.3	0
249	A Question of Central Importance. Journal of the American College of Cardiology, 2010, 56, 1514-1515.	1.2	0
250	Response to Fujisawa: Elevated blood pressure in different populations: the role of dietary salt consumption. Hypertension Research, 2012, 35, 961-962.	1.5	0
251	Response to A New Exercise Central Hemodynamics Paradigm: Time for Reflection or Expansion?. Hypertension, 2013, 62, e36.	1.3	0
252	Response to â€~More fuel in the obesity paradox debate': fatness, fitness, stiffness and blood pressure. International Journal of Obesity, 2013, 37, 320-321.	1.6	0

#	Article	IF	CITATIONS
253	P6.8 COMPARISON OF CENTRAL BLOOD PRESSURE ESTIMATED BY UPPER-ARM CUFF-BASED DEVICE WITH RADIAL TONOMETRY. Artery Research, 2015, 12, 26.	0.3	0
254	P3.1 SUB-MAXIMAL EXERCISE BLOOD PRESSURE RELATES TO LEFT VENTRICULAR MASS INDEX, BUT IS DEPENDENT ON LOW AEROBIC CAPACITY. Artery Research, 2015, 12, 10.	0.3	0
255	P2.10 EXAGGERATED EXERCISE BLOOD PRESSURE INDEPENDENTLY PREDICTS INCIDENT HYPERTENSION: A SYSTEMATIC REVIEW AND META-ANALYSIS. Artery Research, 2015, 12, 8.	0.3	0
256	P7.17 DISASSOCIATION OF BLOOD PRESSURE FROM AORTIC RESERVOIR CHARACTERISTICS BETWEEN THE AORTA AND RADIAL ARTERIES. Artery Research, 2015, 12, 33.	0.3	0
257	6.7 FIRST EVIDENCE OF PULSATILE PRESSURE INTERACTION BETWEEN THE MACRO-VASCULATURE AND MICRO-VASCULATURE: PROOF-OF-CONCEPT BY ASSOCIATION WITH KIDNEY DYSFUNCTION AMONG PATIENTS WITH TYPE 2 DIABETES. Artery Research, 2016, 16, 61.	0.3	0
258	OS 04-01 EXAGGERATED EXERCISE BLOOD PRESSURE IS ASSOCIATED WITH HIGHER LEFT VENTRICULAR MASS IN ADOLESCENCE. THE AVON LONGITUDINAL STUDY OF PARENTS AND CHILDREN. Journal of Hypertension, 2016, 34, e55.	0.3	0
259	Arterial Loading and the Prevention of Atrial Dysfunction. Circulation: Cardiovascular Imaging, 2017, 10, e006546.	1.3	0
260	2.6 BLOOD PRESSURE-INDEPENDENCE OF AORTIC-TO-BRACHIAL ARTERY STIFFNESS RATIO IS DEPENDENT ON DISEASE STATUS. Artery Research, 2017, 20, 51.	0.3	0
261	3.5 CUFF BLOOD PRESSURE IS PROGRESSIVELY MORE BIASED WITH INCREASING AGE: INDIVIDUAL PARTICIPANT LEVEL ANALYSIS FROM THE INSPECT CONSORTIUM. Artery Research, 2018, 24, 73.	0.3	0
262	Reply. Journal of Hypertension, 2019, 37, 2301.	0.3	0
263	Blood Pressure during Blood Collection and the Implication for Absolute Cardiovascular Risk Assessment. Pulse, 2020, 8, 40-46.	0.9	0
264	The Tasmanian electronic falls ascertainment tool—A pilot study. Australasian Journal on Ageing, 2021, 40, 328-333.	0.4	0
265	Improvement in functional capacity with spironolactone masks the treatment effect on exercise blood pressure. Journal of Science and Medicine in Sport, 2021, , .	0.6	0
266	Association of arterial hemodynamics with left ventricular systolic function in hypertensive patients: A longitudinal study. Advances in Clinical and Experimental Medicine, 2021, 30, 0-0.	0.6	0
267	Central Pressure is Augmented During Exercise With Increased Age. Medicine and Science in Sports and Exercise, 2004, 36, S61.	0.2	0
268	CENTRAL BLOOD PRESSURE MEASUREMENT AND VALIDATION: WHAT IS STILL NEEDED?. Artery Research, 2017, 20, 45.	0.3	0
269	Cardiovascular effects of methacholine-induced airway obstruction in man. Journal of Physiology and Pharmacology, 2014, 65, 401-7.	1.1	0
270	Ambulatory measurement of pulsatile hemodynamics. , 2022, , 125-135.		0