

# James E Sharman

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8518026/james-e-sharman-publications-by-citations.pdf>

**Version:** 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

241  
papers

6,016  
citations

38  
h-index

68  
g-index

277  
ext. papers

7,369  
ext. citations

3.7  
avg, IF

5.81  
L-index

#	Paper	IF	Citations
241	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. <i>Lancet, The</i> , <b>2016</b> , 388, 2665-2712	40.2	413
240	Diastolic stress echocardiography: hemodynamic validation and clinical significance of estimation of ventricular filling pressure with exercise. <i>Journal of the American College of Cardiology</i> , <b>2006</b> , 47, 1891-900	15.1	310
239	Validation of a generalized transfer function to noninvasively derive central blood pressure during exercise. <i>Hypertension</i> , <b>2006</b> , 47, 1203-8	8.5	251
238	Increased stroke volume and aortic stiffness contribute to isolated systolic hypertension in young adults. <i>Hypertension</i> , <b>2005</b> , 46, 221-6	8.5	187
237	Evidence for abnormal left ventricular structure and function in normotensive individuals with familial hyperaldosteronism type I. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 5070-6	5.6	183
236	Exercise-induced hypertension, cardiovascular events, and mortality in patients undergoing exercise stress testing: a systematic review and meta-analysis. <i>American Journal of Hypertension</i> , <b>2013</b> , 26, 357-66	2.3	146
235	May Measurement Month 2018: a pragmatic global screening campaign to raise awareness of blood pressure by the International Society of Hypertension. <i>European Heart Journal</i> , <b>2019</b> , 40, 2006-2017	9.5	145
234	Determinants of exercise capacity in patients with type 2 diabetes. <i>Diabetes Care</i> , <b>2005</b> , 28, 1643-8	14.6	144
233	Effect of intradialytic versus home-based aerobic exercise training on physical function and vascular parameters in hemodialysis patients: a randomized pilot study. <i>American Journal of Kidney Diseases</i> , <b>2010</b> , 55, 88-99	7.4	132
232	Validation of non-invasive central blood pressure devices: ARTERY Society task force consensus statement on protocol standardization. <i>European Heart Journal</i> , <b>2017</b> , 38, 2805-2812	9.5	126
231	Definition of ambulatory blood pressure targets for diagnosis and treatment of hypertension in relation to clinic blood pressure: prospective cohort study. <i>BMJ, The</i> , <b>2010</b> , 340, c1104	5.9	110
230	Accuracy of Cuff-Measured Blood Pressure: Systematic Reviews and Meta-Analyses. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 572-586	15.1	109
229	Randomized trial of guiding hypertension management using central aortic blood pressure compared with best-practice care: principal findings of the BP GUIDE study. <i>Hypertension</i> , <b>2013</b> , 62, 1138-45	8.5	102
228	Exercise and cardiovascular risk in patients with hypertension. <i>American Journal of Hypertension</i> , <b>2015</b> , 28, 147-58	2.3	86
227	Accuracy of commercial devices and methods for noninvasive estimation of aortic systolic blood pressure a systematic review and meta-analysis of invasive validation studies. <i>Journal of Hypertension</i> , <b>2016</b> , 34, 1237-48	1.9	81
226	Augmentation index, left ventricular contractility, and wave reflection. <i>Hypertension</i> , <b>2009</b> , 54, 1099-1058.	5	77
225	Metabolomics data normalization with EigenMS. <i>PLoS ONE</i> , <b>2014</b> , 9, e116221	3.7	70

224	Association of masked hypertension and left ventricular remodeling with the hypertensive response to exercise. <i>American Journal of Hypertension</i> , <b>2011</b> , 24, 898-903	2.3	70
223	Central blood pressure measurement may improve risk stratification. <i>Journal of Human Hypertension</i> , <b>2008</b> , 22, 838-44	2.6	70
222	Pulse wave analysis is a reproducible technique for measuring central blood pressure during hemodynamic perturbations induced by exercise. <i>American Journal of Hypertension</i> , <b>2008</b> , 21, 1100-6	2.3	69
221	The effect of exercise on large artery haemodynamics in healthy young men. <i>European Journal of Clinical Investigation</i> , <b>2005</b> , 35, 738-44	4.6	67
220	Reduced central blood pressure in older adults following progressive resistance training. <i>Journal of Human Hypertension</i> , <b>2007</b> , 21, 96-8	2.6	58
219	Exercise blood pressure: clinical relevance and correct measurement. <i>Journal of Human Hypertension</i> , <b>2015</b> , 29, 351-8	2.6	56
218	Exercise central (aortic) blood pressure is predominantly driven by forward traveling waves, not wave reflection. <i>Hypertension</i> , <b>2013</b> , 62, 175-82	8.5	56
217	Pulse pressure amplification during exercise is significantly reduced with age and hypercholesterolemia. <i>Journal of Hypertension</i> , <b>2007</b> , 25, 1249-54	1.9	56
216	Masked hypertension is "unmasked" by low-intensity exercise blood pressure. <i>Blood Pressure</i> , <b>2011</b> , 20, 284-9	1.7	55
215	Australian association for exercise and sports science position statement on exercise and hypertension. <i>Journal of Science and Medicine in Sport</i> , <b>2009</b> , 12, 252-7	4.4	53
214	Patients with type 2 diabetes have exaggerated brachial and central exercise blood pressure: relation to left ventricular relative wall thickness. <i>American Journal of Hypertension</i> , <b>2008</b> , 21, 715-21	2.3	53
213	Macrovasculature and Microvasculature at the Crossroads Between Type 2 Diabetes Mellitus and Hypertension. <i>Hypertension</i> , <b>2019</b> , 73, 1138-1149	8.5	51
212	Metabolomics in hypertension. <i>Journal of Hypertension</i> , <b>2014</b> , 32, 1159-69	1.9	49
211	Central blood pressure in the management of hypertension: soon reaching the goal?. <i>Journal of Human Hypertension</i> , <b>2013</b> , 27, 405-11	2.6	47
210	Effects of atorvastatin on arterial stiffness in chronic kidney disease: a randomised controlled trial. <i>Journal of Atherosclerosis and Thrombosis</i> , <b>2010</b> , 17, 235-41	4	47
209	Greater daily defined dose of antihypertensive medication increases the risk of falls in older people--a population-based study. <i>Journal of the American Geriatrics Society</i> , <b>2014</b> , 62, 1527-33	5.6	46
208	Lancet Commission on Hypertension group position statement on the global improvement of accuracy standards for devices that measure blood pressure. <i>Journal of Hypertension</i> , <b>2020</b> , 38, 21-29	1.9	46
207	Home blood pressure monitoring: Australian Expert Consensus Statement. <i>Journal of Hypertension</i> , <b>2015</b> , 33, 1721-8	1.9	43

206	Validity and reliability of central blood pressure estimated by upper arm oscillometric cuff pressure. <i>American Journal of Hypertension</i> , <b>2012</b> , 25, 414-20	2.3	43
205	Left ventricular mass in patients with type 2 diabetes is independently associated with central but not peripheral pulse pressure. <i>Diabetes Care</i> , <b>2005</b> , 28, 937-9	14.6	41
204	Blood Pressure Response to Exercise and Cardiovascular Disease. <i>Current Hypertension Reports</i> , <b>2017</b> , 19, 89	4.7	38
203	Skeletal Muscle Microvascular-Linked Improvements in Glycemic Control From Resistance Training in Individuals With Type 2 Diabetes. <i>Diabetes Care</i> , <b>2017</b> , 40, 1256-1263	14.6	36
202	Resting heart rate and the association of physical fitness with carotid artery stiffness. <i>American Journal of Hypertension</i> , <b>2014</b> , 27, 65-71	2.3	36
201	Vitamin D supplementation in the management of knee osteoarthritis: study protocol for a randomized controlled trial. <i>Trials</i> , <b>2012</b> , 13, 131	2.8	36
200	Aortic reservoir pressure corresponds to cyclic changes in aortic volume: physiological validation in humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 1597-603	9.4	35
199	Clinical Relevance of Exaggerated Exercise Blood Pressure. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 66, 1843-1845	15.1	33
198	Association of arterial wave properties and diastolic dysfunction in patients with type 2 diabetes mellitus. <i>American Journal of Cardiology</i> , <b>2007</b> , 99, 844-8	3	33
197	Contribution of nitric oxide to the blood pressure and arterial responses to exercise in humans. <i>Journal of Human Hypertension</i> , <b>2011</b> , 25, 262-70	2.6	32
196	Brachial and Radial Systolic Blood Pressure Are Not the Same. <i>Hypertension</i> , <b>2019</b> , 73, 1036-1041	8.5	31
195	Waiting a few extra minutes before measuring blood pressure has potentially important clinical and research ramifications. <i>Journal of Human Hypertension</i> , <b>2014</b> , 28, 56-61	2.6	31
194	Resistance exercise training reduces arterial reservoir pressure in older adults with prehypertension and hypertension. <i>Hypertension Research</i> , <b>2013</b> , 36, 422-7	4.7	31
193	Optimizing observer performance of clinic blood pressure measurement: a position statement from the Lancet Commission on Hypertension Group. <i>Journal of Hypertension</i> , <b>2019</b> , 37, 1737-1745	1.9	31
192	Astaxanthin has no effect on arterial stiffness, oxidative stress, or inflammation in renal transplant recipients: a randomized controlled trial (the XANTHIN trial). <i>American Journal of Clinical Nutrition</i> , <b>2016</b> , 103, 283-9	7	30
191	Exercise excess pressure and exercise-induced albuminuria in patients with type 2 diabetes mellitus. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2015</b> , 308, H1136-42	5.2	30
190	Importance of Calibration Method in Central Blood Pressure for Cardiac Structural Abnormalities. <i>American Journal of Hypertension</i> , <b>2016</b> , 29, 1070-6	2.3	30
189	Towards a consensus on the understanding and analysis of the pulse waveform: Results from the 2016 Workshop on Arterial Hemodynamics: Past, present and future. <i>Artery Research</i> , <b>2017</b> , 18, 75-80	2.2	29

188	Cardiorespiratory fitness and cardiovascular burden in chronic kidney disease. <i>Journal of Science and Medicine in Sport</i> , <b>2015</b> , 18, 492-7	4.4	29
187	Exercise Hypertension. <i>Pulse</i> , <b>2014</b> , 1, 161-76	1.6	29
186	Metabolomics reveals increased isoleukotoxin diol (12,13-DHOME) in human plasma after acute Intralipid infusion. <i>Journal of Lipid Research</i> , <b>2012</b> , 53, 1979-86	6.3	29
185	Effects of antioxidant supplementation on blood cyclosporin A and glomerular filtration rate in renal transplant recipients. <i>Nephrology Dialysis Transplantation</i> , <b>2005</b> , 20, 1970-5	4.3	29
184	Cardiovascular implications of exposure to traffic air pollution during exercise. <i>QJM - Monthly Journal of the Association of Physicians</i> , <b>2004</b> , 97, 637-43	2.7	29
183	Low exercise blood pressure and risk of cardiovascular events and all-cause mortality: systematic review and meta-analysis. <i>Atherosclerosis</i> , <b>2014</b> , 237, 13-22	3.1	28
182	Brachial-to-radial SBP amplification: implications of age and estimated central blood pressure from radial tonometry. <i>Journal of Hypertension</i> , <b>2015</b> , 33, 1876-83; discussion 1883	1.9	28
181	Feasibility of a multi-modal exercise program on cognition in older adults with Type 2 diabetes - a pilot randomised controlled trial. <i>BMC Geriatrics</i> , <b>2017</b> , 17, 237	4.1	27
180	Central hemodynamics could explain the inverse association between height and cardiovascular mortality. <i>American Journal of Hypertension</i> , <b>2014</b> , 27, 392-400	2.3	27
179	Nitric oxide does not significantly contribute to changes in pulse pressure amplification during light aerobic exercise. <i>Hypertension</i> , <b>2008</b> , 51, 856-61	8.5	27
178	Nonvalidated Home Blood Pressure Devices Dominate the Online Marketplace in Australia: Major Implications for Cardiovascular Risk Management. <i>Hypertension</i> , <b>2020</b> , 75, 1593-1599	8.5	27
177	Discovery of New Blood Pressure Phenotypes and Relation to Accuracy of Cuff Devices Used in Daily Clinical Practice. <i>Hypertension</i> , <b>2018</b> , 71, 1239-1247	8.5	25
176	Sb Paulo call to action for the prevention and control of high blood pressure: 2020. <i>Journal of Clinical Hypertension</i> , <b>2019</b> , 21, 1744-1752	2.3	25
175	Exercise and sport science australia position stand update on exercise and hypertension. <i>Journal of Human Hypertension</i> , <b>2019</b> , 33, 837-843	2.6	24
174	Regression to the mean of repeated ambulatory blood pressure monitoring in five studies. <i>Journal of Hypertension</i> , <b>2019</b> , 37, 24-29	1.9	24
173	Astaxanthin vs placebo on arterial stiffness, oxidative stress and inflammation in renal transplant patients (Xanthin): a randomised controlled trial. <i>BMC Nephrology</i> , <b>2008</b> , 9, 17	2.7	24
172	Abdominal Obesity and Brain Atrophy in Type 2 Diabetes Mellitus. <i>PLoS ONE</i> , <b>2015</b> , 10, e0142589	3.7	23
171	Exaggerated blood pressure response to early stages of exercise stress testing and presence of hypertension. <i>Journal of Science and Medicine in Sport</i> , <b>2016</b> , 19, 1039-1042	4.4	23

170	Evaluation of a brachial cuff and suprasystolic waveform algorithm method to noninvasively derive central blood pressure. <i>American Journal of Hypertension</i> , <b>2015</b> , 28, 480-6	2.3	21
169	Arterial stiffness, central blood pressure and body size in health and disease. <i>International Journal of Obesity</i> , <b>2012</b> , 36, 93-9	5.5	21
168	Central hemodynamics in ultra-endurance athletes. <i>Journal of Science and Medicine in Sport</i> , <b>2008</b> , 11, 390-5	4.4	21
167	Arterial (Aortic) Stiffness in Patients with Resistant Hypertension: from Assessment to Treatment. <i>Current Hypertension Reports</i> , <b>2017</b> , 19, 2	4.7	20
166	Intra-arterial analysis of the best calibration methods to estimate aortic blood pressure. <i>Journal of Hypertension</i> , <b>2019</b> , 37, 307-315	1.9	20
165	Lower systolic blood pressure is associated with poorer survival in long-term survivors of stroke. <i>Journal of Hypertension</i> , <b>2014</b> , 32, 904-11	1.9	20
164	Facebook advertising for participant recruitment into a blood pressure clinical trial. <i>Journal of Hypertension</i> , <b>2017</b> , 35, 2527-2531	1.9	20
163	Associations and clinical relevance of aortic-brachial artery stiffness mismatch, aortic reservoir function, and central pressure augmentation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2015</b> , 309, H1225-33	5.2	20
162	Aortic reservoir characteristics and brain structure in people with type 2 diabetes mellitus; a cross sectional study. <i>Cardiovascular Diabetology</i> , <b>2014</b> , 13, 143	8.7	20
161	Contribution of abnormal central blood pressure to left ventricular filling pressure during exercise in patients with heart failure and preserved ejection fraction. <i>Journal of Hypertension</i> , <b>2011</b> , 29, 1422-30	1.9	20
160	Relative contributions of adiposity in childhood and adulthood to vascular health of young adults. <i>Atherosclerosis</i> , <b>2013</b> , 228, 259-64	3.1	19
159	The cross-sectional association of sitting time with carotid artery stiffness in young adults. <i>BMJ Open</i> , <b>2014</b> , 4, e004384	3	19
158	The effect of exercise on large artery haemodynamics in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , <b>2011</b> , 10, 121-7	4.1	19
157	Radial pressure waveform dP/dt max is a poor indicator of left ventricular systolic function. <i>European Journal of Clinical Investigation</i> , <b>2007</b> , 37, 276-81	4.6	19
156	Arterial oxygen desaturation kinetics during apnea. <i>Medicine and Science in Sports and Exercise</i> , <b>2005</b> , 37, 1871-6	1.2	19
155	Blood Pressure Variability and Prediction of Target Organ Damage in Patients With Uncomplicated Hypertension. <i>American Journal of Hypertension</i> , <b>2016</b> , 29, 1046-54	2.3	19
154	Cardiovascular Phenotype of Elevated Blood Pressure Differs Markedly Between Young Males and Females: The Enigma Study. <i>Hypertension</i> , <b>2018</b> , 72, 1277-1284	8.5	19
153	The effect of a high-fat meal on postprandial arterial stiffness in men with obesity and type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2010</b> , 95, 4455-9	5.6	18

152	Exposure to automotive pollution increases plasma susceptibility to oxidation. <i>Archives of Environmental Health</i> , <b>2002</b> , 57, 536-40		18
151	Arterial reservoir characteristics and central-to-peripheral blood pressure amplification in the human upper limb. <i>Journal of Hypertension</i> , <b>2017</b> , 35, 1825-1831	1.9	17
150	Comparison of Central Blood Pressure Estimated by a Cuff-Based Device With Radial Tonometry. <i>American Journal of Hypertension</i> , <b>2016</b> , 29, 1173-8	2.3	17
149	Oral glucose challenge impairs skeletal muscle microvascular blood flow in healthy people. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2018</b> , 315, E307-E315	6	17
148	Intradialytic versus home-based exercise training in hemodialysis patients: a randomised controlled trial. <i>BMC Nephrology</i> , <b>2009</b> , 10, 2	2.7	17
147	Lifestyle change diminishes a hypertensive response to exercise in type 2 diabetes. <i>Medicine and Science in Sports and Exercise</i> , <b>2011</b> , 43, 764-9	1.2	17
146	Alpha-lipoic acid does not acutely affect resistance and conduit artery function or oxidative stress in healthy men. <i>British Journal of Clinical Pharmacology</i> , <b>2004</b> , 58, 243-8	3.8	17
145	Effects of aldosterone on forearm vasculature in treated chronic heart failure. <i>American Journal of Cardiology</i> , <b>2005</b> , 95, 412-4	3	17
144	Effectiveness of Vitamin D Supplementation for Cardiovascular Health Outcomes. <i>Pulse</i> , <b>2017</b> , 4, 193-207.6		17
143	Accuracy of blood pressure monitoring devices: a critical need for improvement that could resolve discrepancy in hypertension guidelines. <i>Journal of Human Hypertension</i> , <b>2019</b> , 33, 89-93	2.6	16
142	Influence of Age on Upper Arm Cuff Blood Pressure Measurement. <i>Hypertension</i> , <b>2020</b> , 75, 844-850	8.5	15
141	Impaired baroreflex sensitivity, carotid stiffness, and exaggerated exercise blood pressure: a community-based analysis from the Paris Prospective Study III. <i>European Heart Journal</i> , <b>2018</b> , 39, 599-608	8.5	15
140	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. <i>Journal of Hypertension</i> , <b>2021</b> , 39, 1742-1767	1.9	15
139	12 min/week of high-intensity interval training reduces aortic reservoir pressure in individuals with metabolic syndrome: a randomized trial. <i>Journal of Hypertension</i> , <b>2016</b> , 34, 1977-87	1.9	15
138	Impact of spironolactone on vascular, myocardial, and functional parameters in untreated patients with a hypertensive response to exercise. <i>American Journal of Hypertension</i> , <b>2013</b> , 26, 691-9	2.3	14
137	Effect of increased preload on the synthesized aortic blood pressure waveform. <i>Journal of Applied Physiology</i> , <b>2010</b> , 109, 484-90	3.7	14
136	Reproducibility of cardiac output derived by impedance cardiography during postural changes and exercise. <i>Artery Research</i> , <b>2012</b> , 6, 78	2.2	13
135	Vigorous physical activity and carotid distensibility in young and mid-aged adults. <i>Hypertension Research</i> , <b>2015</b> , 38, 355-60	4.7	12

134	Identification of the Optimal Protocol for Automated Office Blood Pressure Measurement Among Patients With Treated Hypertension. <i>American Journal of Hypertension</i> , <b>2018</b> , 31, 299-304	2.3	12
133	Exercise aortic stiffness: reproducibility and relation to end-organ damage in men. <i>Journal of Human Hypertension</i> , <b>2013</b> , 27, 516-22	2.6	12
132	Influence of altered blood rheology on ventricular-vascular response to exercise. <i>Hypertension</i> , <b>2009</b> , 54, 1092-8	8.5	12
131	How to check whether a blood pressure monitor has been properly validated for accuracy. <i>Journal of Clinical Hypertension</i> , <b>2020</b> , 22, 2167-2174	2.3	12
130	Methodological factors affecting quantification of blood pressure variability: a scoping review. <i>Journal of Hypertension</i> , <b>2018</b> , 36, 711-719	1.9	12
129	Prognostic Value of Carotid and Radial Artery Reservoir-Wave Parameters in End-Stage Renal Disease. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e012314	6	11
128	Aortic systolic pressure derived with different calibration methods: associations to brachial systolic pressure in the general population. <i>Blood Pressure Monitoring</i> , <b>2018</b> , 23, 134-140	1.3	11
127	Osteoarthritis bone marrow lesions at the knee and large artery characteristics. <i>Osteoarthritis and Cartilage</i> , <b>2014</b> , 22, 91-4	6.2	11
126	Augmentation index and arterial stiffness in patients with type 2 diabetes mellitus. <i>Artery Research</i> , <b>2013</b> , 7, 194	2.2	11
125	Central pressure should be used in clinical practice. <i>Artery Research</i> , <b>2015</b> , 9, 1	2.2	11
124	Rationale and design of a randomized study to determine the value of central Blood Pressure for GUIDing managEment of hypertension: the BP GUIDE study. <i>American Heart Journal</i> , <b>2012</b> , 163, 761-7	4.9	11
123	Central hemodynamics and cardiovascular risk in nondippers. <i>Journal of Clinical Hypertension</i> , <b>2011</b> , 13, 557-62	2.3	11
122	Comparison of markers of oxidative stress, inflammation and arterial stiffness between incident hemodialysis and peritoneal dialysis patients--an observational study. <i>BMC Nephrology</i> , <b>2009</b> , 10, 8	2.7	11
121	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. <i>Journal of Clinical Hypertension</i> , <b>2020</b> , 22, 1754-1756	2.3	11
120	Pulsatile interaction between the macro-vasculature and micro-vasculature: proof-of-concept among patients with type 2 diabetes. <i>European Journal of Applied Physiology</i> , <b>2018</b> , 118, 2455-2463	3.4	11
119	Individual and Neighborhood Deprivation and Carotid Stiffness. <i>Hypertension</i> , <b>2019</b> , 73, 1185-1194	8.5	10
118	Fitness Is Independently Associated with Central Hemodynamics in Metabolic Syndrome. <i>Medicine and Science in Sports and Exercise</i> , <b>2016</b> , 48, 1539-47	1.2	10
117	The Accuracy in Measurement of Blood Pressure (AIM-BP) collaborative: Background and rationale. <i>Journal of Clinical Hypertension</i> , <b>2019</b> , 21, 1780-1783	2.3	10

116	Stability of left ventricular longitudinal and circumferential deformation over time and standard loading conditions. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2017</b> , 18, 1001-1007	4.1	9
115	Longitudinal Changes in Excess Pressure Independently Predict Declining Renal Function Among Healthy Individuals-A Pilot Study. <i>American Journal of Hypertension</i> , <b>2017</b> , 30, 772-775	2.3	9
114	Augmentation index immediately after maximal exercise in patients with type 2 diabetes mellitus. <i>Medicine and Science in Sports and Exercise</i> , <b>2012</b> , 44, 75-83	1.2	9
113	Patients with coronary slow flow phenomenon demonstrate normal myocardial blood flow and arterial wave reflection between acute episodes. <i>International Journal of Cardiology</i> , <b>2009</b> , 131, 321-5	3.2	9
112	Non-invasive measurement of reservoir pressure parameters from brachial-cuff blood pressure waveforms. <i>Journal of Clinical Hypertension</i> , <b>2018</b> , 20, 1703-1711	2.3	9
111	J-curves in hypertension: what do they tell us about treatment of high blood pressure?. <i>European Heart Journal</i> , <b>2018</b> , 39, 3115-3118	9.5	9
110	Age-dependent changes in blood pressure over consecutive office measurements: impact on hypertension diagnosis and implications for international guidelines. <i>Journal of Hypertension</i> , <b>2017</b> , 35, 753-760	1.9	8
109	Validation Study to Determine the Accuracy of Central Blood Pressure Measurement Using the Sphygmocor Xcel Cuff Device. <i>Hypertension</i> , <b>2020</b> , 76, 244-250	8.5	8
108	Type 2 Diabetes Mellitus Is Independently Associated With Decreased Neural Baroreflex Sensitivity: The Paris Prospective Study III. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2020</b> , 40, 1420-1428	9.4	8
107	Estimating central blood pressure in the extreme vascular phenotype of advanced kidney disease. <i>Kidney International</i> , <b>2016</b> , 90, 736-9	9.9	8
106	Effect of whole-body mild-cold exposure on arterial stiffness and central haemodynamics: a randomised, cross-over trial in healthy men and women. <i>European Journal of Applied Physiology</i> , <b>2013</b> , 113, 1257-69	3.4	8
105	Persistent elevation of central pulse pressure during postural stress in patients with type 2 diabetes mellitus. <i>Journal of Human Hypertension</i> , <b>2013</b> , 27, 437-44	2.6	8
104	Effects of maximal static apnea on antioxidant defenses in trained free divers. <i>Medicine and Science in Sports and Exercise</i> , <b>2008</b> , 40, 1307-13	1.2	8
103	Pragmatic Method Using Blood Pressure Diaries to Assess Blood Pressure Control. <i>Annals of Family Medicine</i> , <b>2016</b> , 14, 63-9	2.9	8
102	Masked hypertension and submaximal exercise blood pressure among adolescents from the Avon Longitudinal Study of Parents and Children (ALSPAC). <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2020</b> , 30, 25-30	4.6	8
101	Influence of blood pressure level and age on within-visit blood pressure variability in children and adolescents. <i>European Journal of Pediatrics</i> , <b>2018</b> , 177, 205-210	4.1	8
100	Systolic blood pressure amplification and waveform calibration. <i>Hypertension Research</i> , <b>2017</b> , 40, 518	4.7	7
99	Association of von Willebrand factor blood levels with exercise hypertension. <i>European Journal of Applied Physiology</i> , <b>2015</b> , 115, 1057-65	3.4	7

98	The impact of small to moderate inaccuracies in assessing blood pressure on hypertension prevalence and control rates. <i>Journal of Clinical Hypertension</i> , <b>2020</b> , 22, 939-942	2.3	7
97	Spironolactone reduces aortic stiffness via blood pressure-dependent effects of canrenoate. <i>Metabolomics</i> , <b>2014</b> , 10, 105-113	4.7	7
96	Acute elevation of triglycerides increases left ventricular contractility and alters ventricular-vascular interaction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2011</b> , 301, H123-8	5.2	7
95	How to measure home blood pressure: Recommendations for healthcare professionals and patients. <i>Australian Family Physician</i> , <b>2016</b> , 45, 31-4		7
94	Brachial-to-radial systolic blood pressure amplification in patients with type 2 diabetes mellitus. <i>Journal of Human Hypertension</i> , <b>2016</b> , 30, 404-9	2.6	6
93	Association of central blood pressure with left atrial structural and functional abnormalities in hypertensive patients: Implications for atrial fibrillation prevention. <i>European Journal of Preventive Cardiology</i> , <b>2019</b> , 26, 1018-1027	3.9	6
92	Guiding Hypertension Management Using Central Blood Pressure: Effect of Medication Withdrawal on Left Ventricular Function. <i>American Journal of Hypertension</i> , <b>2016</b> , 29, 319-25	2.3	6
91	Adults With Type 2 Diabetes Mellitus Exhibit a Greater Exercise-Induced Increase in Arterial Stiffness and Vessel Hemodynamics. <i>Hypertension</i> , <b>2020</b> , 75, 1565-1573	8.5	6
90	Ambulatory and central haemodynamics during progressive ascent to high-altitude and associated hypoxia. <i>Journal of Human Hypertension</i> , <b>2014</b> , 28, 705-10	2.6	6
89	Out-of-office and central blood pressure for risk stratification: a cross-sectional study in patients treated for hypertension. <i>European Journal of Clinical Investigation</i> , <b>2012</b> , 42, 393-401	4.6	6
88	Targeted Lowering of Central Blood Pressure in patients with hypertension: Baseline recruitment, rationale and design of a randomized controlled trial (The LOW CBP study). <i>Contemporary Clinical Trials</i> , <b>2017</b> , 62, 37-42	2.3	6
87	Validation of non-invasive central blood pressure devices: Artery society task force (abridged) consensus statement on protocol standardization. <i>Artery Research</i> , <b>2017</b> , 20, 35	2.2	6
86	Effect of Vitamin D Supplementation on Aortic Stiffness and Arterial Hemodynamics in People With Osteoarthritis and Vitamin D Deficiency. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 66, 2679-2681	15.1	6
85	Myocardial perfusion and the J curve association between diastolic blood pressure and mortality. <i>American Journal of Hypertension</i> , <b>2013</b> , 26, 557-66	2.3	6
84	Assessment of arterial stiffness, oxidative stress and inflammation in acute kidney injury. <i>BMC Nephrology</i> , <b>2009</b> , 10, 15	2.7	6
83	Re: Tartife et al, Noninvasively determined radial dP/dt is a predictor of mortality in patients with heart failure (Am Heart J 2008;155:758-63). <i>American Heart Journal</i> , <b>2008</b> , 156, e21; author reply e23	4.9	6
82	Endurance exercise, plasma oxidation and cardiovascular risk. <i>Acta Cardiologica</i> , <b>2004</b> , 59, 636-42	0.9	6
81	Global Marketing and Sale of Accurate Cuff Blood Pressure Measurement Devices. <i>Circulation</i> , <b>2020</b> , 142, 321-323	16.7	6

80	Body Silhouette Trajectories Across the Lifespan and Vascular Aging. <i>Hypertension</i> , <b>2018</b> , 72, 1095-1102	8.5	6
79	The influence of SBP amplification on the accuracy of form-factor-derived mean arterial pressure. <i>Journal of Hypertension</i> , <b>2020</b> , 38, 1033-1039	1.9	5
78	Associations of blood pressure variability and retinal arteriolar diameter in participants with type 2 diabetes. <i>Diabetes and Vascular Disease Research</i> , <b>2016</b> , 13, 299-302	3.3	5
77	Effects of bradykinin on venous capacitance in health and treated chronic heart failure. <i>Clinical Science</i> , <b>2009</b> , 116, 443-50	6.5	5
76	New insights into cardiovascular risk from the exercise central waveform. <i>Artery Research</i> , <b>2008</b> , 2, 132	2.2	5
75	Weak and fragmented regulatory frameworks on the accuracy of blood pressure-measuring devices pose a major impediment for the implementation of HEARTS in the Americas. <i>Journal of Clinical Hypertension</i> , <b>2020</b> , 22, 2184-2191	2.3	5
74	Aortic-to-brachial stiffness gradient and kidney function in type 2 diabetes. <i>Journal of Hypertension</i> , <b>2016</b> , 34, 1132-9	1.9	5
73	Association Between Occupational, Sport, and Leisure Related Physical Activity and Baroreflex Sensitivity: The Paris Prospective Study III. <i>Hypertension</i> , <b>2019</b> , 74, 1476-1483	8.5	5
72	Associations of Reservoir-Excess Pressure Parameters Derived From Central and Peripheral Arteries With Kidney Function. <i>American Journal of Hypertension</i> , <b>2020</b> , 33, 325-330	2.3	4
71	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". <i>Hypertension</i> , <b>2019</b> , 74, e35-e36	8.5	4
70	Serum metabolic profile predicts adverse central haemodynamics in patients with type 2 diabetes mellitus. <i>Acta Diabetologica</i> , <b>2016</b> , 53, 367-75	3.9	3
69	Blood Pressure, Aortic Stiffness, Hemodynamics, and Cognition in Twin Pairs Discordant for Type 2 Diabetes. <i>Journal of Alzheimer's Disease</i> , <b>2019</b> , 71, 763-773	4.3	3
68	May Measurement Month 2017: an analysis of blood pressure screening results from Australia-South-East Asia and Australasia. <i>European Heart Journal Supplements</i> , <b>2019</b> , 21, D14-D16	1.5	3
67	Regression to the mean in home blood pressure: Analyses of the BP GUIDE study. <i>Journal of Clinical Hypertension</i> , <b>2020</b> , 22, 1184-1191	2.3	3
66	The influence of fitness on exercise blood pressure and its association with cardiac structure in adolescence. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2020</b> , 30, 1033-1039	4.6	3
65	Blood pressure and body mass index: a comparison of the associations in the Caucasian and Asian populations. <i>Hypertension Research</i> , <b>2012</b> , 35, 523-30	4.7	3
64	Gender differences in systolic tissue velocity: role of left ventricular length. <i>European Journal of Echocardiography</i> , <b>2009</b> , 10, 941-6		3
63	Relationship between homocysteine and cardiorespiratory fitness is sex-dependent. <i>Nutrition Research</i> , <b>2004</b> , 24, 593-602	4	3

62	Reply. <i>Journal of Hypertension</i> , <b>2020</b> , 38, 775	1.9	3
61	Submaximal exercise blood pressure and cardiovascular structure in adolescence. <i>International Journal of Cardiology</i> , <b>2019</b> , 275, 152-157	3.2	3
60	Absolute risk assessment for guiding cardiovascular risk management in a chest pain clinic. <i>Medical Journal of Australia</i> , <b>2021</b> , 214, 266-271	4	3
59	Exercise blood pressure and cardiac structure: A systematic review and meta-analysis of cross-sectional studies. <i>Journal of Science and Medicine in Sport</i> , <b>2021</b> , 24, 925-930	4.4	3
58	Validation Status of Blood Pressure Measuring Devices Sold Globally.. <i>JAMA - Journal of the American Medical Association</i> , <b>2022</b> , 327, 680-681	27.4	3
57	Clarity in validation protocols for central blood pressure devices. <i>Journal of Hypertension</i> , <b>2020</b> , 38, 974	1.9	2
56	Determinants of Increased Central Excess Pressure in Dialysis: Role of Dialysis Modality and Arteriovenous Fistula. <i>American Journal of Hypertension</i> , <b>2020</b> , 33, 137-145	2.3	2
55	Reply. <i>Journal of Hypertension</i> , <b>2017</b> , 35, 894-896	1.9	2
54	Twenty-Four-Hour Central (Aortic) Systolic Blood Pressure: Reference Values and Dipping Patterns in Untreated Individuals. <i>Hypertension</i> , <b>2022</b> , 79, 251-260	8.5	2
53	Pulsatile and steady-state 24-hour hemodynamics in adolescents and young adults: The next steps ahead. <i>Journal of Clinical Hypertension</i> , <b>2020</b> , 22, 1797-1799	2.3	2
52	Physiological and clinical insights from reservoir-excess pressure analysis. <i>Journal of Human Hypertension</i> , <b>2021</b> , 35, 758-768	2.6	2
51	General practitioners maintain a focus on blood pressure management rather than absolute cardiovascular disease risk management. <i>Journal of Evaluation in Clinical Practice</i> , <b>2021</b> , 27, 1353-1360	2.5	2
50	Central-to-brachial blood pressure amplification in type 2 diabetes: a systematic review and meta-analysis. <i>Journal of Human Hypertension</i> , <b>2019</b> , 33, 94-105	2.6	2
49	Aortic-to-brachial artery stiffness gradient is not blood pressure independent. <i>Journal of Human Hypertension</i> , <b>2019</b> , 33, 385-392	2.6	2
48	Integration of absolute cardiovascular disease risk assessment into routine blood cholesterol testing at pathology services. <i>Family Practice</i> , <b>2020</b> , 37, 675-681	1.9	2
47	General practitioner perceptions of assessment and reporting of absolute cardiovascular disease risk via pathology services: a qualitative study. <i>Family Practice</i> , <b>2021</b> , 38, 173-180	1.9	2
46	Clinical audit of adherence to hypertension treatment guideline and control rates in hospitals of different sizes in Thailand. <i>Journal of Clinical Hypertension</i> , <b>2021</b> , 23, 702-712	2.3	2
45	Misclassification of blood pressure of Vietnamese adults when only a single measurement is used. <i>Journal of the American Society of Hypertension</i> , <b>2018</b> , 12, 671-680		2

44	Arterial stiffness: measurement and significance in management of hypertension. <i>Indian Heart Journal</i> , <b>2010</b> , 62, 378-83	1.6	2
43	Twenty-four-hour aortic ambulatory blood pressure monitoring and target organ damage: more data are needed. <i>Journal of Hypertension</i> , <b>2017</b> , 35, 2323	1.9	1
42	Role of Vascular Adaptation in Determining Systolic Blood Pressure in Young Adults. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e014375	6	1
41	Accuracy of central blood pressure by Mobil-O-Graph in children and adolescents. <i>Journal of Hypertension</i> , <b>2020</b> , 38, 1388-1389	1.9	1
40	Comparison of manual and automated auscultatory blood pressure during graded exercise among people with type 2 diabetes. <i>Journal of Clinical Hypertension</i> , <b>2019</b> , 21, 1872-1878	2.3	1
39	Acute elevation of lipids does not alter exercise hemodynamics in healthy men: A randomized controlled study. <i>Atherosclerosis</i> , <b>2013</b> , 226, 234-7	3.1	1
38	Central blood pressure physiology: a (more) critical analysis. <i>American Journal of Hypertension</i> , <b>2015</b> , 28, 690-1	2.3	1
37	Strengthening the case for global risk assessment of patients with high blood pressure. <i>American Journal of Hypertension</i> , <b>2009</b> , 22, 9	2.3	1
36	What is the best path length for aortic pulse wave velocity? Preliminary answer to a stiff question. <i>American Journal of Hypertension</i> , <b>2011</b> , 24, 122	2.3	1
35	Is there a clinical role of light exercise central blood pressure?. <i>American Journal of Hypertension</i> , <b>2008</b> , 21, 371	2.3	1
34	Cardiac syndrome X: relevance of arterial pressure waveform analysis to patients with chest pain and normal coronary arteries. <i>Journal of Human Hypertension</i> , <b>2006</b> , 20, 473-4	2.6	1
33	Increased excess pressure after creation of an arteriovenous fistula in end stage renal disease. <i>American Journal of Hypertension</i> , <b>2021</b> ,	2.3	1
32	Self-directed multimedia process for delivering participant informed consent. <i>BMJ Open</i> , <b>2020</b> , 10, e036977		1
31	Cuff Under Pressure for Greater Accuracy. <i>Current Hypertension Reports</i> , <b>2020</b> , 22, 93	4.7	1
30	Association of brachial-cuff excess pressure with carotid intima-media thickness in Australian adults: a cross-sectional study. <i>Journal of Hypertension</i> , <b>2020</b> , 38, 723-730	1.9	1
29	Within-visit SBP variability from childhood to adulthood and markers of cardiovascular end-organ damage in mid-life. <i>Journal of Hypertension</i> , <b>2021</b> , 39, 1865-1875	1.9	1
28	Identifying Isolated Systolic Hypertension From Upper-Arm Cuff Blood Pressure Compared With Invasive Measurements. <i>Hypertension</i> , <b>2021</b> , 77, 632-639	8.5	1
27	Paucity of evidence for the effectiveness of prophylactic low-dose oxytocin protocols (. <i>European Journal of Anaesthesiology</i> , <b>2018</b> , 35, 987-989	2.3	1

26	Nonpharmacological Management of Resistant Hypertension. <i>Current Cardiology Reports</i> , <b>2021</b> , 23, 166	4.2	1
25	Measurements of arterial pressure and flow in vivo <b>2022</b> , 27-47		1
24	Excess pressure as an analogue of blood flow velocity. <i>Journal of Hypertension</i> , <b>2021</b> , 39, 421-427	1.9	0
23	A survey of anaesthetists on uterotonic usage practices for elective caesarean section in Australia and New Zealand. <i>Anaesthesia and Intensive Care</i> , <b>2021</b> , 310057X211002838	1.1	0
22	Guidelines for Home Blood Pressure Monitoring. <i>Updates in Hypertension and Cardiovascular Protection</i> , <b>2020</b> , 165-170	0.1	0
21	Cardiorespiratory fitness, fatness, and the acute blood pressure response to exercise in adolescence. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2021</b> , 31, 1693-1698	4.6	0
20	Within-visit and between-visit intra-individual blood pressure variability in an unselected adult population from rural China. <i>Journal of Hypertension</i> , <b>2021</b> , 39, 1346-1351	1.9	0
19	Brachial-cuff excess pressure is associated with carotid intima-media thickness among Australian children: a cross-sectional population study. <i>Hypertension Research</i> , <b>2021</b> , 44, 541-549	4.7	0
18	Impaired postprandial skeletal muscle vascular responses to a mixed meal challenge in normoglycaemic people with a parent with type 2 diabetes. <i>Diabetologia</i> , <b>2022</b> , 65, 216-225	10.3	0
17	Automated oscillometric blood pressure measuring devices: how they work and what they measure. <i>Journal of Human Hypertension</i> ,	2.6	0
16	Exaggerated Exercise Blood Pressure is Associated with Higher Left Ventricular Mass in Adolescence. The Avon Longitudinal Study of Parents and Children. <i>Journal of Hypertension</i> , <b>2016</b> , 34, e55	1.9	
15	Response to "A new exercise central hemodynamics paradigm: time for reflection or expansion"?. <i>Hypertension</i> , <b>2013</b> , 62, e36	8.5	
14	Response to 'More fuel in the obesity paradox debate': fatness, fitness, stiffness and blood pressure. <i>International Journal of Obesity</i> , <b>2013</b> , 37, 320-1	5.5	
13	A question of central importance. <i>Journal of the American College of Cardiology</i> , <b>2010</b> , 56, 1514-5; author reply 1515-6	15.1	
12	Response to Fujisawa: elevated blood pressure in different populations: the role of dietary salt consumption. <i>Hypertension Research</i> , <b>2012</b> , 35, 961-2	4.7	
11	Use of Tissue Characterization in Relation to Arterial Function <b>2008</b> , 288-300		
10	Contribution of abnormal arterial function to cardiac syndrome X: a study of pressure waveform analysis and exercise haemodynamics. <i>Journal of Human Hypertension</i> , <b>2008</b> , 22, 217-9	2.6	
9	Absolute risk assessment for guiding cardiovascular risk management in a chest pain clinic. <i>Medical Journal of Australia</i> , <b>2021</b> , 215, 486	4	

- 8 Association of arterial hemodynamics with left ventricular systolic function in hypertensive patients: A longitudinal study. *Advances in Clinical and Experimental Medicine*, **2021**, 30, 1147-1156 1.8
- 7 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*, **2021**, 1 2.5
- 6 Central Pressure is Augmented During Exercise With Increased Age. *Medicine and Science in Sports and Exercise*, **2004**, 36, S61 1.2
- 5 Blood Pressure during Blood Collection and the Implication for Absolute Cardiovascular Risk Assessment. *Pulse*, **2020**, 8, 40-46 1.6
- 4 Reply. *Journal of Hypertension*, **2019**, 37, 2301 1.9
- 3 The Tasmanian electronic falls ascertainment tool-A pilot study. *Australasian Journal on Ageing*, **2021**, 40, 328-333 1.5
- 2 Cardiovascular effects of methacholine-induced airway obstruction in man. *Journal of Physiology and Pharmacology*, **2014**, 65, 401-7 2.1
- 1 Ambulatory measurement of pulsatile hemodynamics **2022**, 125-135