

Gavin R Norton

List of Publications by Year in Descending Order

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

85
papers

1,140
citations

18
h-index

30
g-index

87
ext. papers

1,262
ext. citations

3.5
avg, IF

4.06
L-index

#	Paper	IF	Citations
85	Aortic Stiffness and Pulsatile Pressures as Potential Mediators of Chronic Kidney Disease Induced Impaired Diastolic Function.. <i>International Journal of Nephrology and Renovascular Disease</i> , 2022 , 15, 27-40	2.5	
84	Increased Backward Wave Pressures Rather than Flow Explain Age-Dependent Heart Rate Effects on Central, But not Peripheral Arterial Pressure. <i>Hypertension</i> , 2021 , HYPERTENSIONAHA12118271	8.5	0
83	Association of Post Transplantation Anaemia and Persistent Secondary Hyperparathyroidism with Diastolic Function in Stable Kidney Transplant Recipients. <i>International Journal of Nephrology and Renovascular Disease</i> , 2021 , 14, 211-223	2.5	1
82	Potential determinants of the E/e' ratio in non-dialysis compared with dialysis patients. <i>Nephrology</i> , 2021 , 26, 988-998	2.2	1
81	Cardiovascular Risk Factor Profiles and Disease in Black Compared to Other Africans with Chronic Kidney Disease. <i>International Journal of Nephrology</i> , 2021 , 2021, 8876363	1.7	1
80	Hemodynamic and Functional Correlates of Concentric vs. Eccentric LVH in a Community-Based Sample With Prevalent Volume-Dependent Hypertension. <i>American Journal of Hypertension</i> , 2021 , 34, 1300-1310	2.3	1
79	The International Database of Central Arterial Properties for Risk Stratification: Research Objectives and Baseline Characteristics of Participants. <i>American Journal of Hypertension</i> , 2021 ,	2.3	3
78	Distinct Contribution of Systemic Blood Flow to Hypertension in an African Population Across the Adult Lifespan. <i>Hypertension</i> , 2020 , 76, 410-419	8.5	5
77	Increased Aortic Characteristic Impedance Explains Relations Between Urinary Na/K and Pulse or Systolic Blood Pressure. <i>Hypertension</i> , 2020 , 75, 1260-1270	8.5	5
76	Associations of inflammatory markers with impaired left ventricular diastolic and systolic function in collagen-induced arthritis. <i>PLoS ONE</i> , 2020 , 15, e0230657	3.7	12
75	Associations between circulating resistin concentrations and left ventricular mass are not accounted for by effects on aortic stiffness or renal dysfunction. <i>BMC Cardiovascular Disorders</i> , 2020 , 20, 35	2.3	0
74	The Optimal Haemoglobin Target in Dialysis Patients May Be Determined by Its Contrasting Effects on Arterial Stiffness and Pressure Pulsatility. <i>International Journal of Nephrology and Renovascular Disease</i> , 2020 , 13, 385-395	2.5	1
73	Impact of metabolic and inflammatory changes on glomerular function beyond conventional risk factors in an urban South Africa community with prevalent obesity. <i>Cardiovascular Journal of Africa</i> , 2020 , 31, 91-102	0.7	1
72	May Measurement Month 2018: an analysis of blood pressure screening results in South Africa. <i>European Heart Journal Supplements</i> , 2020 , 22, H115-H118	1.5	1
71	Complementary Impact of Carotid Intima-Media Thickness With Plaque in Associations With Noncardiac Arterial Vascular Events. <i>Angiology</i> , 2020 , 71, 122-130	2.1	5
70	Marked Arterial Functional Changes in Patients With Arterial Vascular Events Across the Early Adult Lifespan. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 1574-1586	9.4	5
69	Hemodynamic Determinants of Age Versus Left Ventricular Diastolic Function Relations Across the Full Adult Age Range. <i>Hypertension</i> , 2020 , 75, 1574-1583	8.5	8

68	Early Wave Reflection and Pulse Wave Velocity Are Associated with Diastolic Dysfunction in Rheumatoid Arthritis. <i>Journal of Cardiovascular Translational Research</i> , 2019 , 12, 580-590	3.3	2
67	Limited contribution of insulin resistance and metabolic parameters to obesity-associated increases in ambulatory blood pressure in a black African community. <i>International Journal of Cardiology: Hypertension</i> , 2019 , 2, 100010	1.6	
66	May Measurement Month 2017: an analysis of blood pressure screening results in South Africa-Sub-Saharan Africa. <i>European Heart Journal Supplements</i> , 2019 , 21, D104-D106	1.5	3
65	Associations of inflammatory markers and vascular cell adhesion molecule-1 with endothelial dysfunction in collagen-induced arthritis. <i>European Journal of Pharmacology</i> , 2019 , 865, 172786	5.3	8
64	Limited contribution of left ventricular mass and remodelling to the impact of blood pressure on diastolic function in a community sample. <i>Journal of Hypertension</i> , 2019 , 37, 1191-1199	1.9	10
63	Insulin resistance influences the impact of hypertension on left ventricular diastolic dysfunction in a community sample. <i>Clinical Cardiology</i> , 2019 , 42, 305-311	3.3	7
62	Organ-Specific, Age-Dependent Associations of Steady-State Pressures and Pulsatile Pressure Wave Components With End-Organ Measures. <i>American Journal of Hypertension</i> , 2019 , 32, 272-281	2.3	3
61	Independent of left ventricular mass, circulating inflammatory markers rather than pressure load are associated with concentric left ventricular remodelling. <i>International Journal of Cardiology</i> , 2019 , 274, 342-347	3.2	9
60	Nesfatin-1 and visfatin expression is associated with reduced atherosclerotic disease risk in patients with rheumatoid arthritis. <i>Peptides</i> , 2018 , 102, 31-37	3.8	18
59	Aortic Pulse Pressure Does Not Adequately Index Cardiovascular Risk Factor-Related Changes in Aortic Stiffness and Forward Wave Pressure. <i>American Journal of Hypertension</i> , 2018 , 31, 981-987	2.3	3
58	Disease severity impacts the relationship of apelin with arterial function in patients with rheumatoid arthritis. <i>Clinical Rheumatology</i> , 2018 , 37, 1481-1491	3.9	2
57	Systemic Angiotensinogen Concentrations Are Independently Associated With Left Ventricular Diastolic Function in a Community Sample. <i>American Journal of Hypertension</i> , 2018 , 31, 212-219	2.3	2
56	Impact of Blunted Nocturnal Blood Pressure Dipping on Cardiac Systolic Function in Community Participants Not Receiving Antihypertensive Therapy. <i>American Journal of Hypertension</i> , 2018 , 31, 1002-1012	2.3	3
55	Limited Impact of β Adrenergic Receptor Activation on Left Ventricular Diastolic Function in Rat Models of Hypertensive Heart Disease. <i>Journal of Cardiovascular Pharmacology</i> , 2018 , 72, 242-251	3.1	
54	Arterial wave reflection and subclinical atherosclerosis in rheumatoid arthritis. <i>Clinical and Experimental Rheumatology</i> , 2018 , 36, 412-420	2.2	7
53	Enhanced Aortic Reflected Wave Magnitude Accounts for the Impact of Female Gender on Aortic Pressure Augmentation in a Group of African Ancestry. <i>American Journal of Hypertension</i> , 2017 , 30, 781-790	2.3	1
52	Aortic backward waves rather than stiffness account for independent associations between pulse pressure amplification and left ventricular mass in a young to middle-aged sample. <i>Journal of the American Society of Hypertension</i> , 2017 , 11, 350-358.e2		7
51	Cardiovascular Risk Factors and Disease Characteristics Are Consistently Associated with Arterial Function in Rheumatoid Arthritis. <i>Journal of Rheumatology</i> , 2017 , 44, 1125-1133	4.1	9

50	Contributions of aortic pulse wave velocity and backward wave pressure to variations in left ventricular mass are independent of each other. <i>Journal of the American Society of Hypertension</i> , 2017 , 11, 265-274.e2		8
49	Apelin concentrations are associated with altered atherosclerotic plaque stability mediator levels and atherosclerosis in rheumatoid arthritis. <i>Atherosclerosis</i> , 2017 , 256, 75-81	3.1	14
48	Resveratrol Co-Treatment Attenuates the Effects of HIV Protease Inhibitors on Rat Body Weight and Enhances Cardiac Mitochondrial Respiration. <i>PLoS ONE</i> , 2017 , 12, e0170344	3.7	8
47	Contribution of backward and forward wave pressures to age-related increases in aortic pressure in a community sample not receiving antihypertensive therapy. <i>Journal of the American Society of Hypertension</i> , 2017 , 11, 616-626.e2		9
46	Association of Blood Pressure Variability Ratio With Glomerular Filtration Rate Independent of Blood Pressure and Pulse Wave Velocity. <i>American Journal of Hypertension</i> , 2017 , 30, 1177-1188	2.3	
45	Omentin concentrations are independently associated with those of matrix metalloproteinase-3 in patients with mild but not severe rheumatoid arthritis. <i>Rheumatology International</i> , 2017 , 37, 3-11	3.6	10
44	Sex-Specific Effects of Adrenergic-Induced Left Ventricular Remodeling in Spontaneously Hypertensive Rats. <i>Journal of Cardiac Failure</i> , 2017 , 23, 161-168	3.3	14
43	The Impact of Different Classification Criteria Sets on the Estimated Prevalence and Associated Risk Factors of Diastolic Dysfunction in Rheumatoid Arthritis. <i>International Journal of Rheumatology</i> , 2017 , 2017, 2323410	2	5
42	Novel Approach to the Detection of Left Ventricular Hypertrophy Using Body Mass Index-Corrected Electrocardiographic Voltage Criteria in a Group of African Ancestry. <i>Clinical Cardiology</i> , 2016 , 39, 524-30	3.3	8
41	Cardiac Diastolic Dysfunction is Associated With Aortic Wave Reflection, but Not Stiffness in a Predominantly Young-to-Middle-Aged Community Sample. <i>American Journal of Hypertension</i> , 2016 , 29, 1148-57	2.3	16
40	Intrafamilial aggregation and heritability of tissue Doppler indexes of left ventricular diastolic function in a group of African descent. <i>Journal of the American Society of Hypertension</i> , 2016 , 10, 517-526.e11		0
39	The Framingham Score and the Systematic Coronary Risk Evaluation at Low Cutoff Values Are Useful Surrogate Markers of High-risk Subclinical Atherosclerosis in Patients with Rheumatoid Arthritis. <i>Journal of Rheumatology</i> , 2016 , 43, 486-94	4.1	13
38	Aortic Pulse Pressure Amplification Imputed From Simple Clinical Measures Adds to the Ability of Brachial Pressure to Predict Survival. <i>American Journal of Hypertension</i> , 2016 , 29, 754-62	2.3	7
37	Ethanol-Associated Cardiomyocyte Apoptosis and Left Ventricular Dilation Are Unrelated to Changes in Myocardial Telomere Length in Rats. <i>Journal of Cardiac Failure</i> , 2016 , 22, 294-302	3.3	6
36	Brachial Pressure Control Fails to Account for Most Distending Pressure-Independent, Age-Related Aortic Hemodynamic Changes in Adults. <i>American Journal of Hypertension</i> , 2016 , 29, 605-13	2.3	8
35	Post-exercise effects on aortic wave reflection derived from wave separation analysis in young-to middle-aged pre-hypertensives and hypertensives. <i>European Journal of Applied Physiology</i> , 2016 , 116, 1321-9	3.4	13
34	Dependence of Cardiac Systolic Function on Elevated Fatty Acid Availability in Obese, Insulin-Resistant Rats. <i>Journal of Cardiac Failure</i> , 2016 , 22, 560-8	3.3	3
33	Insulin resistance-associated decreases in left ventricular diastolic function are strongly modified by the extent of concentric remodeling in a community sample. <i>International Journal of Cardiology</i> , 2016 , 220, 349-55	3.2	7

32	Telomere length, endothelial activation and carotid atherosclerosis in black and white African patients with rheumatoid arthritis. <i>Clinical and Experimental Rheumatology</i> , 2016 , 34, 864-871	2.2	3
31	Independent associations between resistin and left ventricular mass and myocardial dysfunction in a community sample with prevalent obesity. <i>International Journal of Cardiology</i> , 2015 , 196, 81-7	3.2	8
30	Independent associations of circulating galectin-3 concentrations with aortic pulse wave velocity and wave reflection in a community sample. <i>Hypertension</i> , 2015 , 65, 1356-64	8.5	17
29	Impact of gender and menopausal status on relationships between biological aging, as indexed by telomere length, and aortic stiffness. <i>American Journal of Hypertension</i> , 2015 , 28, 623-30	2.3	8
28	Intrafamilial Aggregation and Heritability of Aortic Reflected (Backward) Waves Derived From Wave Separation Analysis. <i>American Journal of Hypertension</i> , 2015 , 28, 1427-33	2.3	2
27	Kidney function, endothelial activation and atherosclerosis in black and white Africans with rheumatoid arthritis. <i>PLoS ONE</i> , 2015 , 10, e0121693	3.7	13
26	Intrafamilial aggregation and heritability of left ventricular geometric remodeling is independent of cardiac mass in families of African ancestry. <i>American Journal of Hypertension</i> , 2015 , 28, 657-63	2.3	4
25	Indexes of aortic pressure augmentation markedly underestimate the contribution of reflected waves toward variations in aortic pressure and left ventricular mass. <i>Hypertension</i> , 2015 , 65, 540-6	8.5	41
24	Circulating concentrations of the novel adipokine chemerin are associated with cardiovascular disease risk in rheumatoid arthritis. <i>Journal of Rheumatology</i> , 2014 , 41, 1746-54	4.1	26
23	Retinol binding protein 4 concentrations relate to enhanced atherosclerosis in obese patients with rheumatoid arthritis. <i>PLoS ONE</i> , 2014 , 9, e92739	3.7	23
22	Large vessel adventitial vasculitis characterizes patients with critical lower limb ischemia with as compared to without human immunodeficiency virus infection. <i>PLoS ONE</i> , 2014 , 9, e106205	3.7	9
21	Cardiovascular disease risk amongst African black patients with rheumatoid arthritis: the need for population specific stratification. <i>BioMed Research International</i> , 2014 , 2014, 826095	3	12
20	Adiponectin and atherosclerosis in rheumatoid arthritis. <i>Mediators of Inflammation</i> , 2014 , 2014, 358949	4.3	14
19	Urinary angiotensinogen excretion is associated with blood pressure independent of the circulating renin-angiotensin system in a group of african ancestry. <i>Hypertension</i> , 2014 , 64, 149-56	8.5	21
18	Chronic inflammation reduces cardiac relative telomere length without altering left ventricular chamber function. <i>International Journal of Cardiology</i> , 2014 , 175, 367-9	3.2	3
17	Relations between white coat effects and left ventricular mass index or arterial stiffness: role of nocturnal blood pressure dipping. <i>American Journal of Hypertension</i> , 2013 , 26, 1287-94	2.3	4
16	Marked independent relationship between circulating interleukin-6 concentrations and endothelial activation in rheumatoid arthritis. <i>Mediators of Inflammation</i> , 2013 , 2013, 510243	4.3	19
15	The carotid artery atherosclerosis burden and its relation to cardiovascular risk factors in black and white Africans with established rheumatoid arthritis: a cross-sectional study. <i>Journal of Rheumatology</i> , 2012 , 39, 1798-806	4.1	22

14	Brachial blood pressure-independent relations between radial late systolic shoulder-derived aortic pressures and target organ changes. <i>Hypertension</i> , 2012 , 59, 885-92	8.5	59
13	Response to fable of relative aldosterone excess in salt-sensitive hypertension in people of african ancestry. <i>American Journal of Hypertension</i> , 2012 , 25, 400-400	2.3	
12	Ethnic differences in arterial wave reflections and normative equations for augmentation index. <i>Hypertension</i> , 2011 , 57, 1108-16	8.5	85
11	Relationship between urinary salt excretion and pulse pressure and central aortic hemodynamics independent of steady state pressure in the general population. <i>Hypertension</i> , 2010 , 56, 584-90	8.5	78
10	Gene variants of the renin-angiotensin system and hypertension: from a trough of disillusionment to a welcome phase of enlightenment?. <i>Clinical Science</i> , 2010 , 118, 487-506	6.5	23
9	Contribution of central and general adiposity to abnormal left ventricular diastolic function in a community sample with a high prevalence of obesity. <i>American Journal of Cardiology</i> , 2009 , 104, 1527-33 ³		42
8	Is prehypertension an independent predictor of target organ changes in young-to-middle-aged persons of African descent?. <i>Journal of Hypertension</i> , 2008 , 26, 2279-87	1.9	44
7	Susceptibility to systolic dysfunction in the myocardium from chronically infarcted spontaneously hypertensive rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 294, H372-8	5.2	5
6	Reference values for SphygmoCor measurements in South Africans of African ancestry. <i>American Journal of Hypertension</i> , 2006 , 19, 40-6	2.3	58
5	Heart failure in pressure overload hypertrophy. The relative roles of ventricular remodeling and myocardial dysfunction. <i>Journal of the American College of Cardiology</i> , 2002 , 39, 664-71	15.1	94
4	Antiadrenergic effects of adenosine in pressure overload hypertrophy. <i>Hypertension</i> , 2001 , 37, 862-8	8.5	23
3	Alpha-adducin polymorphism in hypertensives of South African ancestry. <i>American Journal of Hypertension</i> , 2000 , 13, 719-23	2.3	36
2	Adenosine A1 receptor-mediated antiadrenergic effects are modulated by A2a receptor activation in rat heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999 , 276, H341-9	5.2	28
1	Reduced cardiac stiffness following exercise is associated with preserved myocardial collagen characteristics in the rat. <i>European Journal of Applied Physiology</i> , 1998 , 78, 148-54	3.4	23