

# Gavin R Norton

## List of Publications by Year in descending order

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87  
papers

1,374  
citations

393982

19  
h-index

395343

33  
g-index

87  
all docs

87  
docs citations

87  
times ranked

2003  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heart failure in pressure overload hypertrophy. <i>Journal of the American College of Cardiology</i> , 2002, 39, 664-671.	1.2	116
2	Ethnic Differences in Arterial Wave Reflections and Normative Equations for Augmentation Index. <i>Hypertension</i> , 2011, 57, 1108-1116.	1.3	95
3	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, 584-590.	1.3	82
4	Reference Values for SphygmoCor Measurements in South Africans of African Ancestry. <i>American Journal of Hypertension</i> , 2006, 19, 40-46.	1.0	63
5	Brachial Blood Pressure—Independent Relations Between Radial Late Systolic Shoulder-Derived Aortic Pressures and Target Organ Changes. <i>Hypertension</i> , 2012, 59, 885-892.	1.3	62
6	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, 2279-2287.	0.3	47
7	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, 540-546.	1.3	47
8	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, 1527-1533.	0.7	45
9	Â-adducin polymorphism in hypertensives of South African ancestry. <i>American Journal of Hypertension</i> , 2000, 13, 719-723.	1.0	40
10	Adenosine A1receptor-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-H349.	1.5	37
11	Circulating Concentrations of the Novel Adipokine Chemerin Are Associated with Cardiovascular Disease Risk in Rheumatoid Arthritis. <i>Journal of Rheumatology</i> , 2014, 41, 1746-1754.	1.0	34
12	Retinol Binding Protein 4 Concentrations Relate to Enhanced Atherosclerosis in Obese Patients with Rheumatoid Arthritis. <i>PLoS ONE</i> , 2014, 9, e92739.	1.1	27
13	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.	1.8	26
14	Nesfatin-1 and visfatin expression is associated with reduced atherosclerotic disease risk in patients with rheumatoid arthritis. <i>Peptides</i> , 2018, 102, 31-37.	1.2	26
15	Reduced cardiac stiffness following exercise is associated with preserved myocardial collagen characteristics in the rat. <i>European Journal of Applied Physiology</i> , 1998, 78, 148-154.	1.2	24
16	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, 1798-1806.	1.0	24
17	Antiadrenergic Effects of Adenosine in Pressure Overload Hypertrophy. <i>Hypertension</i> , 2001, 37, 862-868.	1.3	23
18	Marked Independent Relationship between Circulating Interleukin-6 Concentrations and Endothelial Activation in Rheumatoid Arthritis. <i>Mediators of Inflammation</i> , 2013, 2013, 1-10.	1.4	23

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19	Urinary Angiotensinogen Excretion Is Associated With Blood Pressure Independent of the Circulating Renin-Ângiotensin System in a Group of African Ancestry. <i>Hypertension</i> , 2014, 64, 149-156.	1.3	23
20	Cardiac Diastolic Dysfunction is Associated With Aortic Wave Reflection, but Not Stiffness in a Predominantly Young-to-Middle-Âged Community Sample. <i>American Journal of Hypertension</i> , 2016, 29, 1148-1157.	1.0	19
21	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, 486-494.	1.0	19
22	Apelin concentrations are associated with altered atherosclerotic plaque stability mediator levels and atherosclerosis in rheumatoid arthritis. <i>Atherosclerosis</i> , 2017, 256, 75-81.	0.4	19
23	Sex-Specific Effects of Adrenergic-Induced Left Ventricular Remodeling in Spontaneously Hypertensive Rats. <i>Journal of Cardiac Failure</i> , 2017, 23, 161-168.	0.7	19
24	Independent Associations of Circulating Galectin-3 Concentrations With Aortic Pulse Wave Velocity and Wave Reflection in a Community Sample. <i>Hypertension</i> , 2015, 65, 1356-1364.	1.3	17
25	Associations of inflammatory markers with impaired left ventricular diastolic and systolic function in collagen-induced arthritis. <i>PLoS ONE</i> , 2020, 15, e0230657.	1.1	16
26	Adiponectin and Atherosclerosis in Rheumatoid Arthritis. <i>Mediators of Inflammation</i> , 2014, 2014, 1-10.	1.4	15
27	Hemodynamic Determinants of Age Versus Left Ventricular Diastolic Function Relations Across the Full Adult Age Range. <i>Hypertension</i> , 2020, 75, 1574-1583.	1.3	15
28	Cardiovascular Disease Risk amongst African Black Patients with Rheumatoid Arthritis: The Need for Population Specific Stratification. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	14
29	Kidney Function, Endothelial Activation and Atherosclerosis in Black and White Africans with Rheumatoid Arthritis. <i>PLoS ONE</i> , 2015, 10, e0121693.	1.1	14
30	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.	1.1	13
31	Post-exercise effects on aortic wave reflection derived from wave separation analysis in young-Âto middle-aged pre-hypertensives and hypertensives. <i>European Journal of Applied Physiology</i> , 2016, 116, 1321-1329.	1.2	13
32	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.	2.3	13
33	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.	1.5	13
34	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.	0.8	13
35	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, 623-630.	1.0	12
36	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, 349-355.	0.8	12

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37	Cardiovascular Risk Factors and Disease Characteristics Are Consistently Associated with Arterial Function in Rheumatoid Arthritis. <i>Journal of Rheumatology</i> , 2017, 44, 1125-1133.	1.0	12
38	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, 81-87.	0.8	11
39	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, 524-530.	0.7	10
40	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.	0.3	10
41	Insulin resistance influences the impact of hypertension on left ventricular diastolic dysfunction in a community sample. <i>Clinical Cardiology</i> , 2019, 42, 305-311.	0.7	10
42	Distinct Contribution of Systemic Blood Flow to Hypertension in an African Population Across the Adult Lifespan. <i>Hypertension</i> , 2020, 76, 410-419.	1.3	10
43	Increased Aortic Characteristic Impedance Explains Relations Between Urinary Na <sup>+</sup> /K <sup>+</sup> and Pulse or Systolic Blood Pressure. <i>Hypertension</i> , 2020, 75, 1260-1270.	1.3	10
44	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, 605-613.	1.0	9
45	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.	1.1	9
46	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.	1.7	9
47	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, 1287-1294.	1.0	8
48	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, 754-762.	1.0	8
49	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.	0.7	8
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.	2.3	8
51	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.	2.3	7
52	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.	1.1	7
53	Arterial wave reflection and subclinical atherosclerosis in rheumatoid arthritis. <i>Clinical and Experimental Rheumatology</i> , 2018, 36, 412-420.	0.4	7
54	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, 657-663.	1.0	6

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55	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, 1-13.	0.9	6
56	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.	1.0	6
57	Complementary Impact of Carotid Intima-Media Thickness With Plaque in Associations With Noncardiac Arterial Vascular Events. <i>Angiology</i> , 2020, 71, 122-130.	0.8	6
58	The International Database of Central Arterial Properties for Risk Stratification: Research Objectives and Baseline Characteristics of Participants. <i>American Journal of Hypertension</i> , 2021, . .	1.0	6
59	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-H378.	1.5	5
60	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.	1.0	5
61	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.	1.1	5
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.	1.0	5
63	Chronic inflammation reduces cardiac relative telomere length without altering left ventricular chamber function. <i>International Journal of Cardiology</i> , 2014, 175, 367-369.	0.8	4
64	Cardiovascular Risk Factor Profiles and Disease in Black Compared to Other Africans with Chronic Kidney Disease. <i>International Journal of Nephrology</i> , 2021, 2021, 1-15.	0.7	4
65	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, Volume 14, 211-223.	0.8	4
66	Potential determinants of the E/e <sup>2</sup> ratio in non-dialysis compared with dialysis patients. <i>Nephrology</i> , 2021, 26, 988-998.	0.7	4
67	Intrafamilial Aggregation and Heritability of Aortic Reflected (Backward) Waves Derived From Wave Separation Analysis. <i>American Journal of Hypertension</i> , 2015, 28, 1427-1433.	1.0	3
68	Dependence of Cardiac Systolic Function on Elevated Fatty Acid Availability in Obese, Insulin-Resistant Rats. <i>Journal of Cardiac Failure</i> , 2016, 22, 560-568.	0.7	3
69	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.	1.0	3
70	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.	1.0	3
71	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.	0.0	3
72	Increased Backward Wave Pressures Rather than Flow Explain Age-Dependent Heart Rate Effects on Central, But not Peripheral Arterial Pressure. <i>Hypertension</i> , 2022, 79, 435-446.	1.3	3

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73	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.	0.4	3
74	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.	2.3	2
75	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.	1.0	2
76	Disease severity impacts the relationship of apelin with arterial function in patients with rheumatoid arthritis. <i>Clinical Rheumatology</i> , 2018, 37, 1481-1491.	1.0	2
77	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.	0.7	2
78	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.	1.0	1
79	May Measurement Month 2018: an analysis of blood pressure screening results in South Africa. <i>European Heart Journal Supplements</i> , 2020, 22, H115-H118.	0.0	1
80	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, Volume 13, 385-395.	0.8	1
81	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, 39-50.	0.2	1
82	Metformin Prevents Low-dose Isoproterenol-induced Cardiac Dilatation and Systolic Dysfunction in Male Sprague-Dawley Rats.. <i>Journal of Cardiovascular Pharmacology</i> , 2021, Publish Ahead of Print, .	0.8	1
83	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, Volume 15, 27-40.	0.8	1
84	Response to ðœrole of relative aldosterone excess in salt-sensitive hypertension in people of african ancestryâ€. <i>American Journal of Hypertension</i> , 2012, 25, 400-400.	1.0	0
85	Limited Impact of Î²-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.	0.8	0
86	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.	2.2	0
87	AB0311â€...HEMOSTASIS IN AFRICAN BLACK COMPARED TO WHITE PATIENTS WITH RHEUMATOID ARTHRITIS. , 2019, , .		0