

Alice V Stanton

List of Publications by Year in descending order

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Version: 2024-02-01

116
papers

31,682
citations

36303

51
h-index

22832

112
g-index

120
all docs

120
docs citations

120
times ranked

39356
citing authors

#	ARTICLE	IF	CITATIONS
1	2018 ESC/ESH Guidelines for the management of arterial hypertension. <i>European Heart Journal</i> , 2018, 39, 3021-3104.	2.2	6,826
2	2013 ESH/ESC Guidelines for the management of arterial hypertension. <i>European Heart Journal</i> , 2013, 34, 2159-2219.	2.2	5,681
3	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	27.8	3,823
4	Differential Impact of Blood Pressure-Lowering Drugs on Central Aortic Pressure and Clinical Outcomes. <i>Circulation</i> , 2006, 113, 1213-1225.	1.6	2,091
5	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.	21.4	1,818
6	Superiority of Ambulatory Over Clinic Blood Pressure Measurement in Predicting Mortality. <i>Hypertension</i> , 2005, 46, 156-161.	2.7	1,098
7	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018, 50, 1412-1425.	21.4	924
8	Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. <i>Nature Genetics</i> , 2017, 49, 403-415.	21.4	492
9	Structure-based design of aliskiren, a novel orally effective renin inhibitor. <i>Biochemical and Biophysical Research Communications</i> , 2003, 308, 698-705.	2.1	470
10	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , 2016, 48, 1171-1184.	21.4	362
11	Ambulatory Arterial Stiffness Index as a Predictor of Cardiovascular Mortality in the Dublin Outcome Study. <i>Hypertension</i> , 2006, 47, 365-370.	2.7	346
12	Effects of a Fixed-Dose Combination Strategy on Adherence and Risk Factors in Patients With or at High Risk of CVD. <i>JAMA - Journal of the American Medical Association</i> , 2013, 310, 918.	7.4	330
13	Genome-Wide Association Study of Blood Pressure Extremes Identifies Variant near UMOD Associated with Hypertension. <i>PLoS Genetics</i> , 2010, 6, e1001177.	3.5	312
14	Blood Pressure Lowering in Essential Hypertension With an Oral Renin Inhibitor, Aliskiren. <i>Hypertension</i> , 2003, 42, 1137-1143.	2.7	311
15	Ambulatory Arterial Stiffness Index Derived From 24-Hour Ambulatory Blood Pressure Monitoring. <i>Hypertension</i> , 2006, 47, 359-364.	2.7	307
16	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. <i>Nature Genetics</i> , 2013, 45, 621-631.	21.4	282
17	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. <i>Nature Genetics</i> , 2016, 48, 1151-1161.	21.4	261
18	Large-Scale Gene-Centric Meta-Analysis across 39 Studies Identifies Type 2 Diabetes Loci. <i>American Journal of Human Genetics</i> , 2012, 90, 410-425.	6.2	239

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19	Large-Scale Gene-Centric Meta-analysis across 32 Studies Identifies Multiple Lipid Loci. American Journal of Human Genetics, 2012, 91, 823-838.	6.2	227
20	Pharmacogenetic meta-analysis of genome-wide association studies of LDL cholesterol response to statins. Nature Communications, 2014, 5, 5068.	12.8	216
21	Retinal vascular tree morphology: a semi-automatic quantification. IEEE Transactions on Biomedical Engineering, 2002, 49, 912-917.	4.2	203
22	Gene-centric Association Signals for Lipids and Apolipoproteins Identified via the HumanCVD BeadChip. American Journal of Human Genetics, 2009, 85, 628-642.	6.2	183
23	Tissue Doppler E/E' ratio is a powerful predictor of primary cardiac events in a hypertensive population: an ASCOT substudy. European Heart Journal, 2010, 31, 747-752.	2.2	176
24	Multicentre search for genetic susceptibility loci in sporadic epilepsy syndrome and seizure types: a case-control study. Lancet Neurology, The, 2007, 6, 970-980.	10.2	175
25	Directional dominance on stature and cognition in diverse human populations. Nature, 2015, 523, 459-462.	27.8	173
26	Aliskiren Reduces Blood Pressure and Suppresses Plasma Renin Activity in Combination With a Thiazide Diuretic, an Angiotensin-Converting Enzyme Inhibitor, or an Angiotensin Receptor Blocker. Hypertension, 2007, 49, 276-284.	2.7	172
27	Blood Pressure Loci Identified with a Gene-Centric Array. American Journal of Human Genetics, 2011, 89, 688-700.	6.2	159
28	Gene-centric Meta-analysis in 87,736 Individuals of European Ancestry Identifies Multiple Blood-Pressure-Related Loci. American Journal of Human Genetics, 2014, 94, 349-360.	6.2	158
29	Central arteriovenous anastomosis for the treatment of patients with uncontrolled hypertension (the ROX CONTROL HTN study): a randomised controlled trial. Lancet, The, 2015, 385, 1634-1641.	13.7	155
30	Reconstruction of blood flow patterns in a human carotid bifurcation: A combined CFD and MRI study. Journal of Magnetic Resonance Imaging, 2000, 11, 299-311.	3.4	147
31	The Diurnal Blood Pressure Profile: A Population Study. American Journal of Hypertension, 1992, 5, 386-392.	2.0	145
32	Genomewide Association Study Using a High-Density Single Nucleotide Polymorphism Array and Case-Control Design Identifies a Novel Essential Hypertension Susceptibility Locus in the Promoter Region of Endothelial NO Synthase. Hypertension, 2012, 59, 248-255.	2.7	144
33	Loci influencing blood pressure identified using a cardiovascular gene-centric array. Human Molecular Genetics, 2013, 22, 1663-1678.	2.9	141
34	Novel Blood Pressure Locus and Gene Discovery Using Genome-Wide Association Study and Expression Data Sets From Blood and the Kidney. Hypertension, 2017, 70, .	2.7	123
35	Pharmacological Modulation of Arterial Stiffness. Drugs, 2011, 71, 1689-1701.	10.9	122
36	Meta-analysis of Dense Gene-centric Association Studies Reveals Common and Uncommon Variants Associated with Height. American Journal of Human Genetics, 2011, 88, 6-18.	6.2	122

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37	Ambulatory blood pressure monitoring predicts cardiovascular events in treated hypertensive patients – an Anglo-Scandinavian cardiac outcomes trial substudy. <i>Journal of Hypertension</i> , 2009, 27, 876-885.	0.5	113
38	Large-scale genome-wide analysis identifies genetic variants associated with cardiac structure and function. <i>Journal of Clinical Investigation</i> , 2017, 127, 1798-1812.	8.2	106
39	Quantification of topological changes in retinal vascular architecture in essential and malignant hypertension. <i>Journal of Hypertension</i> , 2006, 24, 889-894.	0.5	103
40	Effectiveness of fixed dose combination medication (–polypills–™) compared with usual care in patients with cardiovascular disease or at high risk: A prospective, individual patient data meta-analysis of 3140 patients in six countries. <i>International Journal of Cardiology</i> , 2016, 205, 147-156.	1.7	103
41	Impact of Statin Therapy on Central Aortic Pressures and Hemodynamics. <i>Circulation</i> , 2009, 119, 53-61.	1.6	98
42	Genome-wide association study of genetic determinants of LDL-c response to atorvastatin therapy: importance of Lp(a). <i>Journal of Lipid Research</i> , 2012, 53, 1000-1011.	4.2	97
43	Excess Pressure Integral Predicts Cardiovascular Events Independent of Other Risk Factors in the Conduit Artery Functional Evaluation Substudy of Anglo-Scandinavian Cardiac Outcomes Trial. <i>Hypertension</i> , 2014, 64, 60-68.	2.7	85
44	Effect of antihypertensive treatment on retinal microvascular changes in hypertension. <i>Journal of Hypertension</i> , 2008, 26, 1703-1707.	0.5	84
45	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019, 10, 4957.	12.8	84
46	A method of quantifying retinal microvascular alterations associated with blood pressure and age. <i>Journal of Hypertension</i> , 1995, 13, 41-48.	0.5	79
47	Ambulatory arterial stiffness index: rationale and methodology. <i>Blood Pressure Monitoring</i> , 2006, 11, 103-105.	0.8	69
48	Review: Potential of renin inhibition in cardiovascular disease. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2003, 4, 6-10.	1.7	65
49	Therapeutic Potential of Renin Inhibitors in the Management of Cardiovascular Disorders. <i>American Journal of Cardiovascular Drugs</i> , 2003, 3, 389-394.	2.2	64
50	Quantification and characterisation of arteries in retinal images. <i>Computer Methods and Programs in Biomedicine</i> , 2000, 63, 133-146.	4.7	52
51	Differential Effects of Antihypertensive Treatment on the Retinal Microcirculation. <i>Hypertension</i> , 2009, 54, 405-408.	2.7	51
52	Differential Effects of Antihypertensive Treatment on Left Ventricular Diastolic Function. <i>Journal of the American College of Cardiology</i> , 2010, 55, 1875-1881.	2.8	50
53	Candesartan- and Atenolol-Based Treatments Induce Different Patterns of Carotid Artery and Left Ventricular Remodeling in Hypertension. <i>Stroke</i> , 2006, 37, 2381-2384.	2.0	47
54	Fully automated segmentation and tracking of the intima media thickness in ultrasound video sequences of the common carotid artery. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2013, 60, 158-77.	3.0	47

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55	Ethnicity and Left Ventricular Diastolic Function in Hypertension. <i>Journal of the American College of Cardiology</i> , 2008, 52, 1015-1021.	2.8	45
56	Reaching cardiovascular prevention guideline targets with a polypill-based approach: a meta-analysis of randomised clinical trials. <i>Heart</i> , 2019, 105, 42-48.	2.9	45
57	Retinal Vascular Lesions in Patients of Caucasian and Asian Origin With Type 2 Diabetes. <i>Diabetes Care</i> , 2008, 31, 708-713.	8.6	44
58	Central Iliac Arteriovenous Anastomosis for Uncontrolled Hypertension. <i>Hypertension</i> , 2017, 70, 1099-1105.	2.7	44
59	Ambulatory blood pressure monitoring in the evaluation of drug efficacy. <i>American Heart Journal</i> , 1991, 121, 999-1006.	2.7	42
60	Renin Gene Polymorphisms and Haplotypes, Blood Pressure, and Responses to Renin-Angiotensin System Inhibition. <i>Hypertension</i> , 2007, 50, 340-347.	2.7	41
61	Trials of feasibility and acceptability of routine low-dose aspirin versus early screening of test indicated aspirin for pre-eclampsia prevention (TEST study): a multicentre randomised controlled trial. <i>BMJ Open</i> , 2018, 8, e022056.	1.9	41
62	Effects of blood pressure lowering with amlodipine or lisinopril on vascular structure of the common carotid artery. <i>Clinical Science</i> , 2001, 101, 455-464.	4.3	35
63	Use of a Multidrug Pill In Reducing cardiovascular Events (UMPIRE): rationale and design of a randomised controlled trial of a cardiovascular preventive polypill-based strategy in India and Europe. <i>European Journal of Preventive Cardiology</i> , 2014, 21, 252-261.	1.8	35
64	Aliskiren Monotherapy Results in the Greatest and the Least Blood Pressure Lowering in Patients With High- and Low-Baseline PRA Levels, Respectively. <i>American Journal of Hypertension</i> , 2009, 22, 954-957.	2.0	33
65	Urinary proteomic biomarkers to predict cardiovascular events. <i>Proteomics - Clinical Applications</i> , 2015, 9, 610-617.	1.6	33
66	Ambulatory arterial stiffness index: determinants and outcome. <i>Blood Pressure Monitoring</i> , 2006, 11, 107-110.	0.8	31
67	Long-Term Antihypertensive Treatment Fails to Improve E/e^2 Despite Regression of Left Ventricular Mass. <i>Hypertension</i> , 2014, 63, 252-258.	2.7	31
68	High dietary salt intake increases carotid blood pressure and wave reflection in normotensive healthy young men. <i>Journal of Applied Physiology</i> , 2011, 110, 468-471.	2.5	30
69	Prospective meta-analysis of trials comparing fixed dose combination based care with usual care in individuals at high cardiovascular risk: The SPACE Collaboration. <i>International Journal of Cardiology</i> , 2013, 170, 30-35.	1.7	29
70	Discovery of novel heart rate-associated loci using the Exome Chip. <i>Human Molecular Genetics</i> , 2017, 26, 2346-2363.	2.9	29
71	Response to Letters Regarding Article, "Differential Impact of Blood Pressure-Lowering Drugs on Central Aortic Pressure and Clinical Outcomes: Principal Results of the Conduit Artery Function Evaluation (CAFE) Study". <i>Circulation</i> , 2006, 114, .	1.6	28
72	Meta-analysis of genome-wide association studies of HDL cholesterol response to statins. <i>Journal of Medical Genetics</i> , 2016, 53, 835-845.	3.2	28

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73	A polymorphism in <i>ACE2</i> is associated with a lower risk for fatal cardiovascular events in females: the MORGAM project. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2011, 12, 504-509.	1.7	27
74	Effects of Calcium, Magnesium, and Potassium Concentrations on Ventricular Repolarization in Unselected Individuals. <i>Journal of the American College of Cardiology</i> , 2019, 73, 3118-3131.	2.8	27
75	36-fold higher estimate of deaths attributable to red meat intake in GBD 2019: is this reliable?. <i>Lancet, The</i> , 2022, 399, e23-e26.	13.7	27
76	Aliskiren Monotherapy Does Not Cause Paradoxical Blood Pressure Rises. <i>Hypertension</i> , 2010, 55, 54-60.	2.7	25
77	A novel measure to characterise optimality of diameter relationships at retinal vascular bifurcations. <i>Artery Research</i> , 2010, 4, 75.	0.6	24
78	Enhanced delivery of microRNA mimics to cardiomyocytes using ultrasound responsive microbubbles reverses hypertrophy in an in-vitro model. <i>Technology and Health Care</i> , 2014, 22, 37-51.	1.2	23
79	Central Iliac Arteriovenous Anastomosis for Hypertension: Targeting Mechanical Aspects of the Circulation. <i>Current Hypertension Reports</i> , 2015, 17, 585.	3.5	23
80	Impact of switching from different treatment regimens to a fixed-dose combination pill (polypill) in patients with cardiovascular disease or similarly high risk. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 951-961.	1.8	23
81	Rationale and design of the AdRem study: Evaluating the effects of blood pressure lowering and intensive glucose control on vascular retinal disorders in patients with type 2 diabetes mellitus. <i>Contemporary Clinical Trials</i> , 2007, 28, 6-17.	1.8	22
82	Effect of Arteriovenous Anastomosis on Blood Pressure Reduction in Patients With Isolated Systolic Hypertension Compared With Combined Hypertension. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	22
83	Low-dose hydrocortisone replacement is associated with improved arterial stiffness index and blood pressure dynamics in severely adrenocorticotrophin-deficient hypopituitary male patients. <i>European Journal of Endocrinology</i> , 2016, 174, 791-799.	3.7	21
84	Analysis with the exome array identifies multiple new independent variants in lipid loci. <i>Human Molecular Genetics</i> , 2016, 25, 4094-4106.	2.9	19
85	Measurement of hemodynamics in human carotid artery using ultrasound and computational fluid dynamics. <i>Journal of Applied Physiology</i> , 2002, 92, 957-961.	2.5	18
86	Polymorphisms of the Flavin containing monooxygenase 3 (FMO3) gene do not predispose to essential hypertension in Caucasians. <i>BMC Medical Genetics</i> , 2005, 6, 41.	2.1	18
87	Serum Amyloid A, C-Reactive Protein, and Retinal Microvascular Changes in Hypertensive Diabetic and Nondiabetic Individuals: An Anglo-Scandinavian Cardiac Outcomes Trial (ASCOT) substudy. <i>Diabetes Care</i> , 2009, 32, 1098-1100.	8.6	18
88	Omega-3 index and blood pressure responses to eating foods naturally enriched with omega-3 polyunsaturated fatty acids: a randomized controlled trial. <i>Scientific Reports</i> , 2020, 10, 15444.	3.3	18
89	An automatic 2D CAD algorithm for the segmentation of the IMT in ultrasound carotid artery images. , 2009, 2009, 515-9.		17
90	Confirmation That the Renin Gene Distal Enhancer Polymorphism <i>REN</i> -5312C/T Is Associated With Increased Blood Pressure. <i>Circulation: Cardiovascular Genetics</i> , 2010, 3, 53-59.	5.1	17

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91	Genome-Wide Analysis of Blood Pressure Variability and Ischemic Stroke. <i>Stroke</i> , 2013, 44, 2703-2709.	2.0	17
92	An open-label randomized-controlled trial of low dose aspirin with an early screening test for pre-eclampsia and growth restriction (TEST): Trial protocol. <i>Contemporary Clinical Trials</i> , 2016, 49, 143-148.	1.8	17
93	Effects of blood pressure lowering with amlodipine or lisinopril on vascular structure of the common carotid artery. <i>Clinical Science</i> , 2001, 101, 455.	4.3	16
94	Ambulatory blood pressure measurement as a predictor of outcome in an Irish population: methodology for ascertaining mortality outcome. <i>Blood Pressure Monitoring</i> , 2003, 8, 143-145.	0.8	16
95	Now that we have a direct renin inhibitor, what should we do with it?. <i>Current Hypertension Reports</i> , 2008, 10, 194-200.	3.5	12
96	Reconstruction of blood flow patterns in a human carotid bifurcation: A combined CFD and MRI study. <i>Journal of Magnetic Resonance Imaging</i> , 2000, 11, 299.	3.4	12
97	Is Carotid Artery Intima-Media Thickening a Reliable Marker of Early Atherosclerosis?. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2002, 9, 77-81.	2.8	11
98	Silent myocardial ischaemia in treated hypertensives with and without left ventricular hypertrophy. <i>Blood Pressure Monitoring</i> , 2003, 8, 45-51.	0.8	10
99	Comparison of the effects of antihypertensive treatment with angiotensin II blockade and beta-blockade on carotid wall structure and haemodynamics: protocol and baseline demographics. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2002, 3, 116-122.	1.7	9
100	Antihypertensive Therapy and Circadian Blood Pressure Profiles: A Retrospective Analysis Utilising Cumulative Sums. <i>Blood Pressure</i> , 1993, 2, 289-295.	1.5	7
101	Two Further Blood Pressure Loci Identified in Ion Channel Genes With a Genecentric Approach. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 873-879.	5.1	7
102	Genetic variants in PPARGC1B and CNTN4 are associated with thromboxane A2 formation and with cardiovascular event free survival in the Anglo-Scandinavian Cardiac Outcomes Trial (ASCOT). <i>Atherosclerosis</i> , 2018, 269, 42-49.	0.8	7
103	Are Butter and Cheese Rich in Monounsaturates Beneficial in Hyperlipidaemic Patients?. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 1996, 3, 441-445.	2.8	6
104	Left Ventricular Structure and Function in Previously Untreated Hypertensive Patients: The Importance of Blood Pressure, the Nocturnal Blood Pressure Dip and Heart Rate. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 1995, 2, 255-261.	2.8	5
105	<title>Toward retinal vessel parameterization</title>. , 1997, 3034, 734.		5
106	An assessment of the Irish population for large-scale genetic mapping studies involving epilepsy and other complex diseases. <i>European Journal of Human Genetics</i> , 2008, 16, 176-183.	2.8	5
107	Associations and effects of omega-3 polyunsaturated fatty acids on cognitive function and mood in healthy adults: a protocol for a systematic review of observational and interventional studies. <i>BMJ Open</i> , 2019, 9, e027167.	1.9	5
108	Ethnic differences in carotid and left ventricular hypertrophy. <i>Journal of Hypertension</i> , 2002, 20, 539-543.	0.5	4

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109	Large-Scale Gene-Centric Meta-Analysis across 39 Studies Identifies Type 2 Diabetes Loci. American Journal of Human Genetics, 2012, 90, 753.	6.2	4
110	Response to It Is the Plasma Renin Activity Level That Counts, not Stoichiometry. Hypertension, 2008, 52, .	2.7	3
111	The Thrill of Success: Central Arterial-Venous Anastomosis for Hypertension. Current Hypertension Reports, 2014, 16, 497.	3.5	2
112	Loci influencing blood pressure identified using a cardiovascular gene-centric array. Human Molecular Genetics, 2013, 22, 3394-3395.	2.9	1
113	Hemodynamic determinants of carotid artery structure in essential hypertension. American Journal of Hypertension, 2004, 17, S131-S132.	2.0	0
114	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. American Journal of Human Genetics, 2012, 90, 1116-1117.	6.2	0
115	Plasma and Tissue Bioavailability and Blood Pressure Lowering Effects of Omega-3 Polyunsaturated Fatty Acids from Commonly Eaten, Naturally Enriched, Foods. Proceedings of the Nutrition Society, 2020, 79, .	1.0	0
116	OR16-6 Cardiometabolic Abnormalities in Patients with Acromegaly with Elevated Plasma IGF-1 Concentrations but GH Concentrations <2ng/ml. Journal of the Endocrine Society, 2019, 3, .	0.2	0