

Dexter Canoy

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

4,590
citations

109321

35
h-index

106344

65
g-index

106
all docs

106
docs citations

106
times ranked

7578
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacological blood pressure lowering for primary and secondary prevention of cardiovascular disease across different levels of blood pressure: an individual participant-level data meta-analysis. <i>Lancet, The</i> , 2021, 397, 1625-1636.	13.7	414
2	Body Fat Distribution and Risk of Coronary Heart Disease in Men and Women in the European Prospective Investigation Into Cancer and Nutrition in Norfolk Cohort. <i>Circulation</i> , 2007, 116, 2933-2943.	1.6	407
3	Cigarette Smoking and Fat Distribution in 21, 828 British Men and Women: A Population-based Study. <i>Obesity</i> , 2005, 13, 1466-1475.	4.0	247
4	Age at Menarche and Risks of Coronary Heart and Other Vascular Diseases in a Large UK Cohort. <i>Circulation</i> , 2015, 131, 237-244.	1.6	196
5	Abdominal Obesity and Respiratory Function in Men and Women in the EPIC-Norfolk Study, United Kingdom. <i>American Journal of Epidemiology</i> , 2004, 159, 1140-1149.	3.4	191
6	BEHRT: Transformer for Electronic Health Records. <i>Scientific Reports</i> , 2020, 10, 7155.	3.3	175
7	Birth Weight and Systolic Blood Pressure in Adolescence and Adulthood: Meta-Regression Analysis of Sex- and Age-specific Results from 20 Nordic Studies. <i>American Journal of Epidemiology</i> , 2007, 166, 634-645.	3.4	168
8	Distribution of body fat and risk of coronary heart disease in men and women. <i>Current Opinion in Cardiology</i> , 2008, 23, 591-598.	1.8	149
9	Deep learning for electronic health records: A comparative review of multiple deep neural architectures. <i>Journal of Biomedical Informatics</i> , 2020, 101, 103337.	4.3	133
10	Age-stratified and blood-pressure-stratified effects of blood-pressure-lowering pharmacotherapy for the prevention of cardiovascular disease and death: an individual participant-level data meta-analysis. <i>Lancet, The</i> , 2021, 398, 1053-1064.	13.7	133
11	Early growth and adult respiratory function in men and women followed from the fetal period to adulthood. <i>Thorax</i> , 2007, 62, 396-402.	5.6	125
12	Plasma ascorbic acid concentrations and fat distribution in 19 068 British men and women in the European Prospective Investigation into Cancer and Nutrition Norfolk cohort study. <i>American Journal of Clinical Nutrition</i> , 2005, 82, 1203-1209.	4.7	114
13	Fat distribution, body mass index and blood pressure in 22 090 men and women in the Norfolk cohort of the European Prospective Investigation into Cancer and Nutrition (EPIC-Norfolk) study. <i>Journal of Hypertension</i> , 2004, 22, 2067-2074.	0.5	109
14	Comparison of regional fat measurements by dual-energy X-ray absorptiometry and conventional anthropometry and their association with markers of diabetes and cardiovascular disease risk. <i>International Journal of Obesity</i> , 2018, 42, 850-857.	3.4	109
15	Temporal Trends and Patterns in Mortality After Incident Heart Failure. <i>JAMA Cardiology</i> , 2019, 4, 1102.	6.1	107
16	Patterns and temporal trends of comorbidity among adult patients with incident cardiovascular disease in the UK between 2000 and 2014: A population-based cohort study. <i>PLoS Medicine</i> , 2018, 15, e1002513.	8.4	104
17	Size at birth, weight gain over the life course, and low-grade inflammation in young adulthood: northern Finland 1966 birth cohort study. <i>European Heart Journal</i> , 2008, 29, 1049-1056.	2.2	94
18	Predicting the risk of emergency admission with machine learning: Development and validation using linked electronic health records. <i>PLoS Medicine</i> , 2018, 15, e1002695.	8.4	94

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19	Cardiorespiratory fitness and body mass index of 9â€“11-year-old English children: a serial cross-sectional study from 1998 to 2004. <i>International Journal of Obesity</i> , 2007, 31, 1172-1178.	3.4	92
20	Body mass index in young children and allergic disease: gender differences in a longitudinal study. <i>Clinical and Experimental Allergy</i> , 2011, 41, 78-85.	2.9	74
21	Marital status and ischemic heart disease incidence and mortality in women: a large prospective study. <i>BMC Medicine</i> , 2014, 12, 42.	5.5	74
22	Plasma lipids and risk of aortic valve stenosis: a Mendelian randomization study. <i>European Heart Journal</i> , 2020, 41, 3913-3920.	2.2	70
23	Challenges in obesity epidemiology. <i>Obesity Reviews</i> , 2007, 8, 1-11.	6.5	69
24	Birth Weight in Relation to Leisure Time Physical Activity in Adolescence and Adulthood: Meta-Analysis of Results from 13 Nordic Cohorts. <i>PLoS ONE</i> , 2009, 4, e8192.	2.5	67
25	Systolic Blood Pressure and Risk of Valvular Heart Disease. <i>JAMA Cardiology</i> , 2019, 4, 788.	6.1	67
26	Associations between pre-pregnancy obesity and asthma symptoms in adolescents. <i>Journal of Epidemiology and Community Health</i> , 2012, 66, 809-814.	3.7	65
27	Blood pressure lowering and risk of new-onset type 2 diabetes: an individual participant data meta-analysis. <i>Lancet</i> , The, 2021, 398, 1803-1810.	13.7	64
28	Antihypertensive treatment and risk of cancer: an individual participant data meta-analysis. <i>Lancet Oncology</i> , The, 2021, 22, 558-570.	10.7	56
29	Vascular disease in women: comparison of diagnoses in hospital episode statistics and general practice records in England. <i>BMC Medical Research Methodology</i> , 2012, 12, 161.	3.1	50
30	Coronary Heart Disease and Body Fat Distribution. <i>Current Atherosclerosis Reports</i> , 2010, 12, 125-133.	4.8	49
31	Farming environment and prevalence of atopy at age 31: prospective birth cohort study in Finland. <i>Clinical and Experimental Allergy</i> , 2011, 41, 987-993.	2.9	47
32	Serum lipid concentration in relation to anthropometric indices of central and peripheral fat distribution in 20,021 British men and women: Results from the EPIC-Norfolk population-based cohort study. <i>Atherosclerosis</i> , 2006, 189, 420-427.	0.8	45
33	Low-Grade, Systemic Inflammation in Adolescents: Association With Early-Life Factors, Gender, and Lifestyle. <i>American Journal of Epidemiology</i> , 2010, 171, 72-82.	3.4	43
34	Body mass index and incident coronary heart disease in women: a population-based prospective study. <i>BMC Medicine</i> , 2013, 11, 87.	5.5	40
35	Hypertension in pregnancy and risk of coronary heart disease and stroke: A prospective study in a large UK cohort. <i>International Journal of Cardiology</i> , 2016, 222, 1012-1018.	1.7	40
36	Antidepressants, Depression, and Venous Thromboembolism Risk: Large Prospective Study of UK Women. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	36

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37	Coronary heart disease incidence in women by waist circumference within categories of body mass index. <i>European Journal of Preventive Cardiology</i> , 2013, 20, 759-762.	1.8	35
38	An Explainable Transformer-Based Deep Learning Model for the Prediction of Incident Heart Failure. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 3362-3372.	6.3	33
39	Diagnostic tests, drug prescriptions, and follow-up patterns after incident heart failure: A cohort study of 93,000 UK patients. <i>PLoS Medicine</i> , 2019, 16, e1002805.	8.4	32
40	Serum sex hormone-binding globulin and testosterone in relation to cardiovascular disease risk factors in young men: a population-based study. <i>European Journal of Endocrinology</i> , 2014, 170, 863-872.	3.7	31
41	Epidemiology of duodenal ulcer perforation: a study on hospital admissions in Norfolk, United Kingdom. <i>Digestive and Liver Disease</i> , 2002, 34, 322-327.	0.9	29
42	Long-term Exposure to Elevated Systolic Blood Pressure in Predicting Incident Cardiovascular Disease: Evidence From Large-scale Routine Electronic Health Records. <i>Journal of the American Heart Association</i> , 2019, 8, e012129.	3.7	28
43	Investigating the stratified efficacy and safety of pharmacological blood pressure-lowering: an overall protocol for individual patient-level data meta-analyses of over 300 000 randomised participants in the new phase of the Blood Pressure Lowering Treatment Trialists' Collaboration (BPLTTC). <i>BMI Open</i> , 2019, 9, e028698.	1.9	26
44	Untangling the complexity of multimorbidity with machine learning. <i>Mechanisms of Ageing and Development</i> , 2020, 190, 111325.	4.6	23
45	Association between cardiometabolic disease multimorbidity and all-cause mortality in 2 million women and men registered in UK general practices. <i>BMC Medicine</i> , 2021, 19, 258.	5.5	23
46	Learning multimorbidity patterns from electronic health records using Non-negative Matrix Factorisation. <i>Journal of Biomedical Informatics</i> , 2020, 112, 103606.	4.3	18
47	Antihypertensive drug effects on long-term blood pressure: an individual-level data meta-analysis of randomised clinical trials. <i>Heart</i> , 2022, 108, 1281-1289.	2.9	18
48	How Much Lowering of Blood Pressure Is Required to Prevent Cardiovascular Disease in Patients With and Without Previous Cardiovascular Disease?. <i>Current Cardiology Reports</i> , 2022, 24, 851-860.	2.9	17
49	Blood pressure-lowering treatment for the prevention of cardiovascular events in patients with atrial fibrillation: An individual participant data meta-analysis. <i>PLoS Medicine</i> , 2021, 18, e1003599.	8.4	16
50	Reliability of anthropometric measurements in children with special needs. <i>Archives of Disease in Childhood</i> , 2018, 103, 757-762.	1.9	14
51	Genetic susceptibility, elevated blood pressure, and risk of atrial fibrillation: a Mendelian randomization study. <i>Genome Medicine</i> , 2021, 13, 38.	8.2	14
52	Deep Bayesian Gaussian processes for uncertainty estimation in electronic health records. <i>Scientific Reports</i> , 2021, 11, 20685.	3.3	13
53	Weight at Birth and Infancy in Relation to Adult Leukocyte Count: A Population-Based Study of 5619 Men and Women Followed from the Fetal Period to Adulthood. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009, 94, 1916-1922.	3.6	11
54	Body fat distribution in relation to smoking and exogenous hormones in British women. <i>Clinical Endocrinology</i> , 2012, 77, 828-833.	2.4	11

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55	Social participation and coronary heart disease risk in a large prospective study of UK women. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 995-1002.	1.8	10
56	Increased C-reactive protein levels in overweight and obese women taking exogenous hormones: the United Kingdom Women's Heart Study (UKWHS). <i>Clinical Endocrinology</i> , 2009, 71, 727-732.	2.4	8
57	Effects of blood pressure-lowering drugs in heart failure. <i>Journal of Hypertension</i> , 2019, 37, 1757-1767.	0.5	7
58	Multi-morbidity and blood pressure trajectories in hypertensive patients: A multiple landmark cohort study. <i>PLoS Medicine</i> , 2021, 18, e1003674.	8.4	7
59	Elevated blood pressure, antihypertensive medications and bone health in the population: revisiting old hypotheses and exploring future research directions. <i>Osteoporosis International</i> , 2022, 33, 315-326.	3.1	7
60	BLOOD PRESSURE AND RISK OF VENOUS THROMBOEMBOLISM. <i>Journal of Hypertension</i> , 2019, 37, e95.	0.5	6
61	BEHRT-HF: an interpretable transformer-based, deep learning model for prediction of incident heart failure. <i>European Heart Journal</i> , 2020, 41, .	2.2	6
62	Blood pressure-lowering treatment lowers mortality and cardiovascular disease risk, but whether effects differ at an arbitrary threshold of 140 mm Hg systolic blood pressure requires further research. <i>BMJ Evidence-Based Medicine</i> , 2018, 23, 189-190.	3.5	5
63	Variations in vascular mortality trends, 2001-2010, among 1.3 million women with different lifestyle risk factors for the disease. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 1626-1634.	1.8	4
64	Liver Fat Measured by MR Spectroscopy: Estimate of Imprecision and Relationship with Serum Glycerol, Caeruloplasmin and Non-Esterified Fatty Acids. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1089.	4.1	4
65	The Blood Pressure Lowering Treatment Trialists' Collaboration. <i>Journal of Hypertension</i> , 2022, Publish Ahead of Print, .	0.5	4
66	Blood pressure treatment: how low should you go? - Authors' reply. <i>Lancet</i> , 2021, 398, 1684-1685.	13.7	3
67	Editorial: Hypertension During Pregnancy and Future Risk of Cardiovascular and Other Long-Term Health Outcomes. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 569735.	2.4	2
68	O2-6.6 Maternal smoking during pregnancy and smoking in the offspring who were followed from birth to adulthood: findings from the 1958 NCDS British birth cohort. <i>Journal of Epidemiology and Community Health</i> , 2011, 65, A30-A30.	3.7	1
69	Age at Menarche and Risk of Coronary Heart Disease in the UK Million Women Study.. <i>International Journal of Epidemiology</i> , 2015, 44, i52-i53.	1.9	1
70	A way to a woman's heart might be through her bones. <i>Heart</i> , 2021, 107, 1024-1025.	2.9	1
71	Genetic susceptibility, elevated blood pressure and risk of atrial fibrillation. <i>European Heart Journal</i> , 2020, 41, .	2.2	1
72	Blood pressure lowering treatment for prevention of cardiovascular events in patients with atrial fibrillation: an individual-participant data meta-analysis. <i>European Heart Journal</i> , 2020, 41, .	2.2	1

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73	Introductory Editorial. Nutrition and Metabolic Insights, 2008, 1, 117863880800100.	1.9	0
74	Nutritional assessment in children with special needs: what can we measure?. Archives of Disease in Childhood, 2010, 95, A52.2-A53.	1.9	0
75	P2-36 Body mass index and risk of incident ischaemic heart disease in women: a prospective cohort study. Journal of Epidemiology and Community Health, 2011, 65, A229-A229.	3.7	0
76	P1-336 Validation of NHS hospital admission records for ischaemic heart disease in the million women study. Journal of Epidemiology and Community Health, 2011, 65, A160-A160.	3.7	0
77	PP50 Body Mass Index, Waist Circumference and Incident Coronary Heart Disease in the Million Women Study. Journal of Epidemiology and Community Health, 2013, 67, A69.1-A69.	3.7	0
78	Cholesterol-lowering statin therapy to prevent atherosclerotic cardiovascular disease " Is the new guideline based on best evidence?. Preventive Medicine, 2014, 69, 317-318.	3.4	0
79	OP30 Social participation and ischaemic heart disease incidence and mortality in middle-aged women: a prospective cohort study. Journal of Epidemiology and Community Health, 2014, 68, A17.2-A18.	3.7	0
80	PT039 Associations of Aortic Stenosis With Factors Relating to Pregnancy in a Cohort of 1.2 Million UK Women. , 2016, 11, e133-e134.		0
81	P2995 Risk factors for aortic stenosis and aortic valve replacement in 1.2 million UK women. European Heart Journal, 2017, 38, .	2.2	0
82	5260 Patterns and temporal trends of comorbidity among adult patients with incident cardiovascular disease in the UK between 2000 and 2014: a population-based cohort study. European Heart Journal, 2018, 39, .	2.2	0
83	P5725 Association between comorbidity and prescription of anti-hypertensives in incident hypertension: a population cohort study. European Heart Journal, 2018, 39, .	2.2	0
84	1147 Patients' journey of care following incident heart failure: diagnostic tests, treatments and care pathways in 93,000 patients. European Heart Journal, 2018, 39, .	2.2	0
85	P1548 Long-term past, current and usual systolic blood pressure and incident cardiovascular disease: risk prediction using large-scale, routinely recorded clinical data. European Heart Journal, 2019, 40, .	2.2	0
86	6129 Temporal trends and patterns in cause-specific mortality and hospitalisations after incident heart failure: a longitudinal analysis of 86,000 individuals. European Heart Journal, 2019, 40, .	2.2	0
87	LONG-TERM BLOOD PRESSURE AND INCIDENT CARDIOVASCULAR DISEASE. Journal of Hypertension, 2019, 37, e46.	0.5	0
88	P5732 Effects of blood pressure lowering drugs in heart failure: a systematic review and meta-analysis of randomised controlled trials. European Heart Journal, 2019, 40, .	2.2	0
89	Elevated Blood Pressure, Antihypertensive Medications and Bone Health in the Population: Revisiting Old Hypotheses and Exploring Future Research Directions. SSRN Electronic Journal, 0, , .	0.4	0
90	GENETIC SUSCEPTIBILITY, ELEVATED BLOOD PRESSURE AND RISK OF ATRIAL FIBRILLATION. Journal of Hypertension, 2021, 39, e80-e81.	0.5	0

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91	BLOOD PRESSURE-LOWERING, ANTIHYPERTENSIVE TREATMENT AND INCIDENT DIABETES. Journal of Hypertension, 2021, 39, e8-e9.	0.5	0
92	STRATIFIED EFFECTS OF BLOOD PRESSURE-LOWERING TREATMENT ON LONG-TERM BLOOD PRESSURE: A META-ANALYSIS OF INDIVIDUAL-LEVEL DATA OF 334,219 PARTICIPANTS FROM 50 RANDOMIZED TRIALS. Journal of Hypertension, 2021, 39, e53.	0.5	0
93	EFFECTS OF BLOOD PRESSURE-LOWERING ON CANCER RISK: AN INDIVIDUAL PARTICIPANT DATA META-ANALYSIS OF 300,000 PARTICIPANTS. Journal of Hypertension, 2021, 39, e7.	0.5	0
94	BLOOD PRESSURE LOWERING TREATMENT FOR PREVENTION OF CARDIOVASCULAR EVENTS IN PATIENTS WITH ATRIAL FIBRILLATION: AN INDIVIDUAL-PARTICIPANT DATA META-ANALYSIS. Journal of Hypertension, 2021, 39, e80.	0.5	0
95	P12â€¦Associations of aortic stenosis with factors relating to pregnancy in a cohort of 1.2 million UK women. Journal of Epidemiology and Community Health, 2016, 70, A58.2-A59.	3.7	0
96	Disentangling multiple environmental stressors in relation to incident cardiovascular disease in UK Biobank: a sparse principal component analysis. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
97	An interpretable model for incident heart failure prediction with uncertainty estimation. European Heart Journal, 2020, 41, .	2.2	0
98	Association between comorbidities and blood pressure trajectories in patients with hypertension. European Heart Journal, 2020, 41, .	2.2	0
99	Stratified effects of blood pressure-lowering treatment on long-term blood pressure: an individual patient-level meta-analysis involving 50 randomised trials and 334,219 participants. European Heart Journal, 2020, 41, .	2.2	0
100	Cardiometabolic disease, comorbidities and risk of death: findings using data from large-scale electronic health records. European Heart Journal, 2020, 41, .	2.2	0
101	Effect of blood pressure lowering treatment on the risk of atrial fibrillation: an individual-participant data meta-analysis. European Heart Journal, 2020, 41, .	2.2	0
102	Blood pressure meta-analysis highlights an implementation gap â€œ Authorsâ€™ reply. Lancet, The, 2022, 399, 1380.	13.7	0