

Marianne Benn

List of Publications by Year in descending order

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118
papers

18,694
citations

36303

51
h-index

17592

121
g-index

131
all docs

131
docs citations

131
times ranked

28523
citing authors

#	ARTICLE	IF	CITATIONS
1	Diabetes mellitus, fasting blood glucose concentration, and risk of vascular disease: a collaborative meta-analysis of 102 prospective studies. <i>Lancet, The</i> , 2010, 375, 2215-2222.	13.7	3,807
2	Nonfasting Triglycerides and Risk of Myocardial Infarction, Ischemic Heart Disease, and Death in Men and Women. <i>JAMA - Journal of the American Medical Association</i> , 2007, 298, 299.	7.4	1,696
3	The UK10K project identifies rare variants in health and disease. <i>Nature</i> , 2015, 526, 82-90.	27.8	1,014
4	Remnant Cholesterol as a Causal Risk Factor for Ischemic Heart Disease. <i>Journal of the American College of Cardiology</i> , 2013, 61, 427-436.	2.8	768
5	Triglyceride-mediated pathways and coronary disease: collaborative analysis of 101 studies. <i>Lancet, The</i> , 2010, 375, 1634-1639.	13.7	606
6	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , 2017, 542, 186-190.	27.8	544
7	Familial Hypercholesterolemia in the Danish General Population: Prevalence, Coronary Artery Disease, and Cholesterol-Lowering Medication. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 3956-3964.	3.6	523
8	The Age-Specific Quantitative Effects of Metabolic Risk Factors on Cardiovascular Diseases and Diabetes: A Pooled Analysis. <i>PLoS ONE</i> , 2013, 8, e65174.	2.5	496
9	Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , 2017, 49, 1758-1766.	21.4	470
10	Genetic risk factors for ischaemic stroke and its subtypes (the METASTROKE Collaboration): a meta-analysis of genome-wide association studies. <i>Lancet Neurology, The</i> , 2012, 11, 951-962.	10.2	445
11	Association of <i>LPA</i> Variants With Risk of Coronary Disease and the Implications for Lipoprotein(a)-Lowering Therapies. <i>JAMA Cardiology</i> , 2018, 3, 619.	6.1	428
12	Extreme Lipoprotein(a) Levels and Risk of Myocardial Infarction in the General Population. <i>Circulation</i> , 2008, 117, 176-184.	1.6	408
13	Elevated Remnant Cholesterol Causes Both Low-Grade Inflammation and Ischemic Heart Disease, Whereas Elevated Low-Density Lipoprotein Cholesterol Causes Ischemic Heart Disease Without Inflammation. <i>Circulation</i> , 2013, 128, 1298-1309.	1.6	402
14	Mutations causative of familial hypercholesterolaemia: screening of 98 098 individuals from the Copenhagen General Population Study estimated a prevalence of 1 in 217. <i>European Heart Journal</i> , 2016, 37, 1384-1394.	2.2	326
15	Improved imputation of low-frequency and rare variants using the UK10K haplotype reference panel. <i>Nature Communications</i> , 2015, 6, 8111.	12.8	300
16	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , 2018, 50, 26-41.	21.4	286
17	PCSK9R46L, Low-Density Lipoprotein Cholesterol Levels, and Risk of Ischemic Heart Disease. <i>Journal of the American College of Cardiology</i> , 2010, 55, 2833-2842.	2.8	281
18	The Effect of Elevated Body Mass Index on Ischemic Heart Disease Risk: Causal Estimates from a Mendelian Randomisation Approach. <i>PLoS Medicine</i> , 2012, 9, e1001212.	8.4	246

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19	Association of plasma uric acid with ischaemic heart disease and blood pressure: mendelian randomisation analysis of two large cohorts. <i>BMJ, The</i> , 2013, 347, f4262-f4262.	6.0	228
20	High lipoprotein(a) as a possible cause of clinical familial hypercholesterolaemia: a prospective cohort study. <i>Lancet Diabetes and Endocrinology,the</i> , 2016, 4, 577-587.	11.4	218
21	Identification of new susceptibility loci for type 2 diabetes and shared etiological pathways with coronary heart disease. <i>Nature Genetics</i> , 2017, 49, 1450-1457.	21.4	218
22	25-Hydroxyvitamin D Levels and Risk of Ischemic Heart Disease, Myocardial Infarction, and Early Death. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2794-2802.	2.4	209
23	25-Hydroxyvitamin D and symptomatic ischemic stroke: An Original Study and Meta-Analysis. <i>Annals of Neurology</i> , 2013, 73, 38-47.	5.3	186
24	Remnant cholesterol as a cause of ischemic heart disease: Evidence, definition, measurement, atherogenicity, high risk patients, and present and future treatment. , 2014, 141, 358-367.		167
25	Overview of the current status of familial hypercholesterolaemia care in over 60 countries - The EAS Familial Hypercholesterolaemia Studies Collaboration (FHSC). <i>Atherosclerosis</i> , 2018, 277, 234-255.	0.8	163
26	Low LDL cholesterol, <i>PCSK9</i> and <i>HMGCR</i> genetic variation, and risk of Alzheimer's disease and Parkinson's disease: Mendelian randomisation study. <i>BMJ: British Medical Journal</i> , 2017, 357, j1648.	2.3	143
27	Does Elevated C-Reactive Protein Increase Atrial Fibrillation Risk?. <i>Journal of the American College of Cardiology</i> , 2010, 56, 789-795.	2.8	142
28	Global perspective of familial hypercholesterolaemia: a cross-sectional study from the EAS Familial Hypercholesterolaemia Studies Collaboration (FHSC). <i>Lancet, The</i> , 2021, 398, 1713-1725.	13.7	142
29	Repositioning of the global epicentre of non-optimal cholesterol. <i>Nature</i> , 2020, 582, 73-77.	27.8	138
30	Improving Prediction of Ischemic Cardiovascular Disease in the General Population Using Apolipoprotein B. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 661-670.	2.4	135
31	Low-Density Lipoprotein Cholesterol and the Risk of Cancer: A Mendelian Randomization Study. <i>Journal of the National Cancer Institute</i> , 2011, 103, 508-519.	6.3	134
32	Whole-Genome Sequencing Coupled to Imputation Discovers Genetic Signals for Anthropometric Traits. <i>American Journal of Human Genetics</i> , 2017, 100, 865-884.	6.2	131
33	Remnant Cholesterol, Low-Density Lipoprotein Cholesterol, and Blood Pressure as Mediators From Obesity to Ischemic Heart Disease. <i>Circulation Research</i> , 2015, 116, 665-673.	4.5	129
34	High platelet volume and increased risk of myocardial infarction: 39,531 participants from the general population. <i>Journal of Thrombosis and Haemostasis</i> , 2011, 9, 49-56.	3.8	117
35	Statistical methods for the time-to-event analysis of individual participant data from multiple epidemiological studies. <i>International Journal of Epidemiology</i> , 2010, 39, 1345-1359.	1.9	110
36	Obesity as a causal risk factor for deep venous thrombosis: a Mendelian randomization study. <i>Journal of Internal Medicine</i> , 2015, 277, 573-584.	6.0	105

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37	Dofetilide in patients with left ventricular dysfunction and either heart failure or acute myocardial infarction: Rationale, design, and patient characteristics of the DIAMOND studies. <i>Clinical Cardiology</i> , 1997, 20, 704-710.	1.8	100
38	Apolipoprotein B levels, APOB alleles, and risk of ischemic cardiovascular disease in the general population, a review. <i>Atherosclerosis</i> , 2009, 206, 17-30.	0.8	96
39	Nonfasting triglycerides, cholesterol, and ischemic stroke in the general population. <i>Annals of Neurology</i> , 2011, 69, 628-634.	5.3	95
40	Antihypertensive treatment and risk of atrial fibrillation: a nationwide study. <i>European Heart Journal</i> , 2014, 35, 1205-1214.	2.2	92
41	PCSK9 R46L Loss-of-Function Mutation Reduces Lipoprotein(a), LDL Cholesterol, and Risk of Aortic Valve Stenosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3281-3287.	3.6	89
42	Infective endocarditis, 1984 through 1993: a clinical and microbiological survey. <i>Journal of Internal Medicine</i> , 1997, 242, 15-22.	6.0	84
43	Exploring causal associations between alcohol and coronary heart disease risk factors: findings from a Mendelian randomization study in the Copenhagen General Population Study. <i>European Heart Journal</i> , 2013, 34, 2519-2528.	2.2	81
44	No evidence that genetically reduced 25-hydroxyvitamin D is associated with increased risk of ischaemic heart disease or myocardial infarction: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2015, 44, 651-661.	1.9	75
45	<i>TRIB1</i> and <i>GCKR</i> Polymorphisms, Lipid Levels, and Risk of Ischemic Heart Disease in the General Population. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 451-457.	2.4	73
46	Sex Hormones and Ischemic Stroke: A Prospective Cohort Study and Meta-Analyses. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 69-78.	3.6	71
47	Nonfasting Glucose, Ischemic Heart Disease, and Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2012, 59, 2356-2365.	2.8	67
48	Genetic testing for familial hypercholesterolaemia is essential in individuals with high LDL cholesterol: who does it in the world?. <i>European Heart Journal</i> , 2017, 38, 1580-1583.	2.2	67
49	From genome-wide association studies to Mendelian randomization: novel opportunities for understanding cardiovascular disease causality, pathogenesis, prevention, and treatment. <i>Cardiovascular Research</i> , 2018, 114, 1192-1208.	3.8	64
50	Mitochondrial Haplogroups. <i>Circulation</i> , 2008, 117, 2492-2501.	1.6	62
51	Components of the Metabolic Syndrome and Risk of Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3212-3221.	3.6	60
52	Wide spectrum of desmosomal mutations in Danish patients with arrhythmogenic right ventricular cardiomyopathy. <i>Journal of Medical Genetics</i> , 2010, 47, 736-744.	3.2	58
53	Relationship of Familial Hypercholesterolemia and High Low-Density Lipoprotein Cholesterol to Ischemic Stroke. <i>Circulation</i> , 2018, 138, 578-589.	1.6	56
54	Using genetic loci to understand the relationship between adiposity and psychological distress: a Mendelian Randomization study in the Copenhagen General Population Study of 53,221 adults. <i>Journal of Internal Medicine</i> , 2011, 269, 525-537.	6.0	53

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55	Extreme Concentrations of Endogenous Sex Hormones, Ischemic Heart Disease, and Death in Women. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 471-477.	2.4	51
56	Elevated Fibrinogen Levels Are Associated with Risk of Pulmonary Embolism, but Not with Deep Venous Thrombosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 286-293.	5.6	50
57	25-Hydroxyvitamin D concentrations and risk of venous thromboembolism in the general population with 18,791 participants. <i>Journal of Thrombosis and Haemostasis</i> , 2013, 11, 423-431.	3.8	49
58	Endogenous sex hormones and risk of venous thromboembolism in women and men. <i>Journal of Thrombosis and Haemostasis</i> , 2014, 12, 297-305.	3.8	47
59	Assessing Risk Prediction Models Using Individual Participant Data From Multiple Studies. <i>American Journal of Epidemiology</i> , 2014, 179, 621-632.	3.4	47
60	Steroid receptor coactivator-1 modulates the function of Pomc neurons and energy homeostasis. <i>Nature Communications</i> , 2019, 10, 1718.	12.8	45
61	Missense Variants in <i>PLK4</i> in Arrhythmogenic Right Ventricular Cardiomyopathy Patients – Disease-Causing or Innocent Bystanders?. <i>Cardiology</i> , 2010, 115, 148-154.	1.4	44
62	High body mass index and cancer risk – a Mendelian randomisation study. <i>European Journal of Epidemiology</i> , 2016, 31, 879-892.	5.7	43
63	Impact of LDL Cholesterol on Microvascular Versus Macrovascular Disease. <i>Journal of the American College of Cardiology</i> , 2019, 74, 1465-1476.	2.8	43
64	Familial Hypercholesterolemia and Risk of Peripheral Arterial Disease and Chronic Kidney Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 4491-4500.	3.6	40
65	Relative effects of LDL-C on ischemic stroke and coronary disease. <i>Neurology</i> , 2019, 92, e1176-e1187.	1.1	40
66	The plasma concentration of HDL-associated apoM is influenced by LDL receptor-mediated clearance of apoB-containing particles. <i>Journal of Lipid Research</i> , 2012, 53, 2198-2204.	4.2	39
67	Phenotype of Heterozygotes for Low-Density Lipoprotein Receptor Mutations Identified in Different Background Populations. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 211-215.	2.4	38
68	Common and Rare Alleles in Apolipoprotein B Contribute to Plasma Levels of Low-Density Lipoprotein Cholesterol in the General Population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 1038-1045.	3.6	37
69	Skin cancer as a marker of sun exposure associates with myocardial infarction, hip fracture and death from any cause. <i>International Journal of Epidemiology</i> , 2013, 42, 1486-1496.	1.9	36
70	Angiotensinogen and ACE gene polymorphisms and risk of atrial fibrillation in the general population. <i>Pharmacogenetics and Genomics</i> , 2008, 18, 525-533.	1.5	35
71	Polymorphism in APOB Associated with Increased Low-Density Lipoprotein Levels in Both Genders in the General Population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 5797-5803.	3.6	34
72	Effect of ACE insertion/deletion and 12 other polymorphisms on clinical outcomes and response to treatment in the life study. <i>Pharmacogenetics and Genomics</i> , 2010, 20, 77-85.	1.5	33

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73	Type-2 diabetes and risk of dementia: observational and Mendelian randomisation studies in 1 million individuals. <i>Epidemiology and Psychiatric Sciences</i> , 2020, 29, e118.	3.9	33
74	YKL-40 levels and atrial fibrillation in the general population. <i>International Journal of Cardiology</i> , 2013, 167, 1354-1359.	1.7	30
75	Impact of Glucose Level on Micro- and Macrovascular Disease in the General Population: A Mendelian Randomization Study. <i>Diabetes Care</i> , 2020, 43, 894-902.	8.6	29
76	Low LDL Cholesterol by PCSK9 Variation Reduces Cardiovascular Mortality. <i>Journal of the American College of Cardiology</i> , 2019, 73, 3102-3114.	2.8	27
77	Impact of Hemoglobin on Plasma Pro-B-Type Natriuretic Peptide Concentrations in the General Population. <i>Clinical Chemistry</i> , 2007, 53, 1921-1927.	3.2	26
78	Fasting and Nonfasting LDL Cholesterol: To Measure or Calculate?. <i>Clinical Chemistry</i> , 2009, 55, 845-847.	3.2	26
79	Impact of glucose on risk of dementia: Mendelian randomisation studies in 115,875 individuals. <i>Diabetologia</i> , 2020, 63, 1151-1161.	6.3	25
80	Susceptibility to Chronic Mucus Hypersecretion, a Genome Wide Association Study. <i>PLoS ONE</i> , 2014, 9, e91621.	2.5	25
81	QT dispersion in patients with arrhythmogenic right ventricular dysplasia. <i>European Heart Journal</i> , 1999, 20, 764-770.	2.2	23
82	Low-density lipoprotein cholesterol and risk of gallstone disease: A Mendelian randomization study and meta-analyses. <i>Journal of Hepatology</i> , 2013, 58, 126-133.	3.7	22
83	Combined Association of Body Mass Index and Alcohol Consumption With Biomarkers for Liver Injury and Incidence of Liver Disease. <i>JAMA Network Open</i> , 2019, 2, e190305.	5.9	21
84	Polymorphisms in Apolipoprotein B and Risk of Ischemic Stroke. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 3611-3617.	3.6	18
85	Screening of Three Novel Candidate Genes in Arrhythmogenic Right Ventricular Cardiomyopathy. <i>Genetic Testing and Molecular Biomarkers</i> , 2011, 15, 267-271.	0.7	18
86	Creatinine, eGFR and association with myocardial infarction, ischemic heart disease and early death in the general population. <i>Atherosclerosis</i> , 2014, 237, 67-75.	0.8	17
87	Low Plasma Adiponectin in Risk of Type 2 Diabetes: Observational Analysis and One- and Two-Sample Mendelian Randomization Analyses in 756,219 Individuals. <i>Diabetes</i> , 2021, 70, 2694-2705.	0.6	17
88	Mutation in Apolipoprotein B Associated with Hypobetalipoproteinemia Despite Decreased Binding to the Low Density Lipoprotein Receptor. <i>Journal of Biological Chemistry</i> , 2005, 280, 21052-21060.	3.4	16
89	Obesity increases heart failure incidence and mortality: observational and Mendelian randomization studies totalling over 1 million individuals. <i>Cardiovascular Research</i> , 2023, 118, 3576-3585.	3.8	16
90	Familial Hypercholesterolemia Prevalence Among Ethnicities—Systematic Review and Meta-Analysis. <i>Frontiers in Genetics</i> , 2022, 13, 840797.	2.3	15

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91	Genetic Variation in the Inwardly Rectifying K ⁺ Channel Subunits <i>KCNJ3</i> (<i>KCNJ3</i>) and <i>KCNJ5</i> (<i>KCNJ5</i>) in Patients with Sinus Node Dysfunction. <i>Cardiology</i> , 2010, 115, 176-181.	1.4	14
92	ADH1B and ADH1C Genotype, Alcohol Consumption and Biomarkers of Liver Function: Findings from a Mendelian Randomization Study in 58,313 European Origin Danes. <i>PLoS ONE</i> , 2014, 9, e114294.	2.5	14
93	Impact of high glucose levels and glucose lowering on risk of ischaemic stroke: a Mendelian randomisation study and meta-analysis. <i>Diabetologia</i> , 2021, 64, 1492-1503.	6.3	13
94	Benign duodenocolic fistula. A case presenting with acidosis. <i>Digestive Diseases and Sciences</i> , 1997, 42, 345-347.	2.3	9
95	Differences in autonomic balance in patients with cardioinhibitory and vasodepressor type of reflex syncope during head-up tilt test and active standing. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2012, 72, 265-273.	1.2	9
96	Genetic variation in the parasympathetic signaling pathway in patients with reflex syncope. <i>Genetics and Molecular Research</i> , 2013, 12, 2601-2610.	0.2	8
97	Filaggrin loss-of-function mutations as risk factors for ischemic stroke in the general population. <i>Journal of Thrombosis and Haemostasis</i> , 2017, 15, 624-635.	3.8	8
98	Causal Relationship between Plasma Adiponectin and Body Mass Index: One- and Two-Sample Bidirectional Mendelian Randomization Analyses in 460,397 Individuals. <i>Clinical Chemistry</i> , 2020, 66, 1548-1557.	3.2	8
99	Response. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1908-1909.	2.8	7
100	Prevalence of family history in patients with reflex syncope. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 692-696.	1.5	7
101	<i>AT1</i> mutations and risk of atrial fibrillation based on genotypes from 71,000 individuals from the general population. <i>British Journal of Clinical Pharmacology</i> , 2013, 76, 114-124.	2.4	7
102	LDL-Cholesterol versus Glucose in Microvascular and Macrovascular Disease. <i>Clinical Chemistry</i> , 2021, 67, 167-182.	3.2	7
103	Causal Associations in Type 2 Diabetes Development. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 1313-1324.	3.6	6
104	Plasma adiponectin and risk of asthma: observational analysis, genetic Mendelian randomisation and meta-analysis. <i>Thorax</i> , 2022, 77, 1070-1077.	5.6	6
105	Subgroups at high risk for ischaemic heart disease: identification and validation in 67,000 individuals from the general population. <i>International Journal of Epidemiology</i> , 2015, 44, 117-128.	1.9	5
106	Plakophilin-2 c.419C>T and risk of heart failure and arrhythmias in the general population. <i>European Journal of Human Genetics</i> , 2016, 24, 732-738.	2.8	5
107	Atrial Fibrillation and Chronic Kidney Disease. <i>European Heart Journal</i> , 2021, 42, 2824-2826.	2.2	5
108	Peripheral Neuropathy – Time for Better Biomarkers?. <i>Clinical Chemistry</i> , 2020, 66, 638-640.	3.2	3

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109	A reply. European Heart Journal, 2000, 21, 79-80.	2.2	2
110	Authors' Response to: Skin cancer as a marker of sun exposure--a case of serious immortality bias. International Journal of Epidemiology, 2014, 43, 972-973.	1.9	2
111	Lipoprotein(a) and familial hypercholesterolaemia " Authors' reply. Lancet Diabetes and Endocrinology,the, 2016, 4, 730-731.	11.4	2
112	Is QT dispersion a reliable index of heterogeneity of ventricular repolarization and a pro-arrhythmic marker?. European Heart Journal, 2000, 21, 79.	2.2	1
113	Reply to Letters Regarding Article, "Elevated Remnant Cholesterol Causes Both Low-Grade Inflammation and Ischemic Heart Disease, Whereas Elevated Low-Density Lipoprotein Cholesterol Causes Ischemic Heart Disease Without Inflammation" Circulation, 2014, 129, e656.	1.6	1
114	Response to Letter to the Editor: "Familial Hypercholesterolemia and Risk of Peripheral Arterial Disease and Chronic Kidney Disease" Journal of Clinical Endocrinology and Metabolism, 2019, 104, 3125-3126.	3.6	1
115	Authors' Response to: Skin cancer as a marker of sun exposure. International Journal of Epidemiology, 2014, 43, 1992-1993.	1.9	0
116	High Glucose Levels And Risk Of Vascular Diseases " Observational And Mendelian Randomization Studies Of The General Population. Atherosclerosis, 2019, 287, e9.	0.8	0
117	Response to the Letter: Response to "Use of biomarkers to identify new drug targets and to predict risk of cardiometabolic outcomes" by Abasi A., et al. Journal of Clinical Endocrinology and Metabolism, 2016, 101, L22-L23.	3.6	0
118	257-OR: High Glucose Levels and Risk of Vascular Diseases" Observational Studies and Mendelian Randomization Studies of the General Population. Diabetes, 2019, 68, 257-OR.	0.6	0