

Alexander S Doney

List of Publications by Year in descending order

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Version: 2024-02-01

123
papers

38,660
citations

23500

58
h-index

19690

117
g-index

131
all docs

131
docs citations

131
times ranked

39767
citing authors

#	ARTICLE	IF	CITATIONS
1	A Common Variant in the FTO Gene Is Associated with Body Mass Index and Predisposes to Childhood and Adult Obesity. <i>Science</i> , 2007, 316, 889-894.	6.0	3,884
2	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	13.7	3,823
3	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013, 45, 1274-1283.	9.4	2,641
4	Replication of Genome-Wide Association Signals in UK Samples Reveals Risk Loci for Type 2 Diabetes. <i>Science</i> , 2007, 316, 1336-1341.	6.0	2,040
5	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. <i>Nature Genetics</i> , 2010, 42, 105-116.	9.4	1,982
6	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.	9.4	1,818
7	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. <i>Nature Genetics</i> , 2012, 44, 981-990.	9.4	1,748
8	Meta-analysis of genome-wide association data and large-scale replication identifies additional susceptibility loci for type 2 diabetes. <i>Nature Genetics</i> , 2008, 40, 638-645.	9.4	1,683
9	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. <i>Nature Genetics</i> , 2010, 42, 579-589.	9.4	1,631
10	Large-scale association analysis identifies new risk loci for coronary artery disease. <i>Nature Genetics</i> , 2013, 45, 25-33.	9.4	1,439
11	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	13.7	1,328
12	Common variants near MC4R are associated with fat mass, weight and risk of obesity. <i>Nature Genetics</i> , 2008, 40, 768-775.	9.4	1,179
13	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , 2014, 46, 234-244.	9.4	959
14	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016, 536, 41-47.	13.7	952
15	Common variants associated with plasma triglycerides and risk for coronary artery disease. <i>Nature Genetics</i> , 2013, 45, 1345-1352.	9.4	754
16	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , 2012, 44, 991-1005.	9.4	746
17	Variants in MTNR1B influence fasting glucose levels. <i>Nature Genetics</i> , 2009, 41, 77-81.	9.4	662
18	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. <i>Nature Genetics</i> , 2010, 42, 142-148.	9.4	591

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19	Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. <i>Nature Genetics</i> , 2017, 49, 403-415.	9.4	492
20	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. <i>Nature Communications</i> , 2020, 11, 163.	5.8	466
21	Genome-Wide Association Scan Meta-Analysis Identifies Three Loci Influencing Adiposity and Fat Distribution. <i>PLoS Genetics</i> , 2009, 5, e1000508.	1.5	453
22	Genetic risk factors for ischaemic stroke and its subtypes (the METASTROKE Collaboration): a meta-analysis of genome-wide association studies. <i>Lancet Neurology</i> , The, 2012, 11, 951-962.	4.9	445
23	Coding Variation in <i>ANGPTL4</i> , <i>LPL</i> and <i>SVEP1</i> and the Risk of Coronary Disease. <i>New England Journal of Medicine</i> , 2016, 374, 1134-1144.	13.9	427
24	Common variants near ATM are associated with glycemic response to metformin in type 2 diabetes. <i>Nature Genetics</i> , 2011, 43, 117-120.	9.4	390
25	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. <i>Nature Genetics</i> , 2015, 47, 1415-1425.	9.4	365
26	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.	9.4	362
27	Variation in <i>TCF7L2</i> Influences Therapeutic Response to Sulfonylureas. <i>Diabetes</i> , 2007, 56, 2178-2182.	0.3	284
28	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. <i>Nature Genetics</i> , 2016, 48, 1151-1161.	9.4	261
29	Pharmacogenetic meta-analysis of genome-wide association studies of LDL cholesterol response to statins. <i>Nature Communications</i> , 2014, 5, 5068.	5.8	216
30	Systematic Evaluation of Pleiotropy Identifies 6 Further Loci Associated With Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2017, 69, 823-836.	1.2	214
31	The cost of cerebral ischaemia. <i>Neuropharmacology</i> , 2008, 55, 250-256.	2.0	190
32	The Role of Adiposity in Cardiometabolic Traits: A Mendelian Randomization Analysis. <i>PLoS Medicine</i> , 2013, 10, e1001474.	3.9	178
33	Common Nonsynonymous Substitutions in <i>SLCO1B1</i> Predispose to Statin Intolerance in Routinely Treated Individuals With Type 2 Diabetes: A Go-DARTS Study. <i>Clinical Pharmacology and Therapeutics</i> , 2011, 89, 210-216.	2.3	177
34	Genome-Wide Association and Functional Follow-Up Reveals New Loci for Kidney Function. <i>PLoS Genetics</i> , 2012, 8, e1002584.	1.5	166
35	Reduced-Function <i>SLC22A1</i> Polymorphisms Encoding Organic Cation Transporter 1 and Glycemic Response to Metformin: A GoDARTS Study. <i>Diabetes</i> , 2009, 58, 1434-1439.	0.3	153
36	Impact of Renin-Angiotensin System Blockade Therapy on Outcome in Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2011, 58, 570-576.	1.2	142

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37	Loss-of-Function CYP2C9 Variants Improve Therapeutic Response to Sulfonylureas in Type 2 Diabetes: A Go-DARTS Study. <i>Clinical Pharmacology and Therapeutics</i> , 2010, 87, 52-56.	2.3	141
38	Association of the Pro12Ala and C1431T variants of PPARG and their haplotypes with susceptibility to Type 2 diabetes. <i>Diabetologia</i> , 2004, 47, 555-558.	2.9	122
39	Exome sequencing-driven discovery of coding polymorphisms associated with common metabolic phenotypes. <i>Diabetologia</i> , 2013, 56, 298-310.	2.9	119
40	Haplotype analysis of the PPARG gamma Pro12Ala and C1431T variants reveals opposing associations with body weight. <i>BMC Genetics</i> , 2002, 3, 21.	2.7	113
41	Adiposity-Related Heterogeneity in Patterns of Type 2 Diabetes Susceptibility Observed in Genome-Wide Association Data. <i>Diabetes</i> , 2009, 58, 505-510.	0.3	109
42	Increased Cardiovascular Morbidity and Mortality in Type 2 Diabetes Is Associated With the Glutathione S Transferase Theta ϵ Null Genotype. <i>Circulation</i> , 2005, 111, 2927-2934.	1.6	96
43	Identification and Functional Characterization of G6PC2 Coding Variants Influencing Glycemic Traits Define an Effector Transcript at the G6PC2-ABCB11 Locus. <i>PLoS Genetics</i> , 2015, 11, e1004876.	1.5	95
44	The effect of vitamin D replacement on markers of vascular health in stroke patients – A randomised controlled trial. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2012, 22, 864-870.	1.1	94
45	Effect of Metformin on Mortality in Patients With Heart Failure and Type 2 Diabetes Mellitus. <i>American Journal of Cardiology</i> , 2010, 106, 1006-1010.	0.7	89
46	Cardiovascular Risk in Type 2 Diabetes Is Associated With Variation at the PPARG Locus. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 2403-2407.	1.1	86
47	A review of machine learning methods for retinal blood vessel segmentation and artery/vein classification. <i>Medical Image Analysis</i> , 2021, 68, 101905.	7.0	86
48	Insulin Resistance Is Highly Prevalent and Is Associated With Reduced Exercise Tolerance in Nondiabetic Patients With Heart Failure. <i>Journal of the American College of Cardiology</i> , 2009, 53, 747-753.	1.2	84
49	Candidate Gene Association Study for Diabetic Retinopathy in Persons with Type 2 Diabetes: The Candidate Gene Association Resource (CARE). , 2011, 52, 7593.		82
50	The effect of obesity on glycaemic response to metformin or sulphonylureas in Type 2 diabetes. <i>Diabetic Medicine</i> , 2006, 23, 128-133.	1.2	79
51	Paradoxical Lower Serum Triglyceride Levels and Higher Type 2 Diabetes Mellitus Susceptibility in Obese Individuals with the PNPLA3 148M Variant. <i>PLoS ONE</i> , 2012, 7, e39362.	1.1	78
52	Mean $\langle \text{HbA}_{1c} \rangle$ and mortality in diabetic individuals with heart failure: a population cohort study. <i>European Journal of Heart Failure</i> , 2016, 18, 94-102.	2.9	76
53	TCF7L2 in the Go-DARTS study: evidence for a gene dose effect on both diabetes susceptibility and control of glucose levels. <i>Diabetologia</i> , 2007, 50, 1186-1191.	2.9	74
54	Long-term adherence to statin treatment in diabetes. <i>Diabetic Medicine</i> , 2008, 25, 850-855.	1.2	74

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55	A paucimorphic variant in the HMG-CoA reductase gene is associated with lipid-lowering response to statin treatment in diabetes: a GoDARTS study. <i>Pharmacogenetics and Genomics</i> , 2008, 18, 1021-1026.	0.7	73
56	VAMPIRE: Vessel assessment and measurement platform for images of the REtina. , 2011, 2011, 3391-4.		73
57	Prescribing Antiplatelet Medicine and Subsequent Events After Intracerebral Hemorrhage. <i>Stroke</i> , 2010, 41, 2606-2611.	1.0	71
58	The Impact of Renin-Angiotensin-Aldosterone System Blockade on Heart Failure Outcomes and Mortality in Patients Identified to Have Aortic Regurgitation. <i>Journal of the American College of Cardiology</i> , 2011, 58, 2084-2091.	1.2	68
59	Glutathione S-Transferase M1 and P1 Genotype, Passive Smoking, and Peak Expiratory Flow in Asthma. <i>Pediatrics</i> , 2006, 118, 710-716.	1.0	67
60	Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. <i>Human Molecular Genetics</i> , 2012, 21, 5329-5343.	1.4	64
61	Cohort Profile: Genetics of Diabetes Audit and Research in Tayside Scotland (GoDARTS). <i>International Journal of Epidemiology</i> , 2018, 47, 380-381j.	0.9	59
62	The Relationship between AKI and CKD in Patients with Type 2 Diabetes: An Observational Cohort Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 138-150.	3.0	56
63	The <i>FTO</i> Gene Is Associated With an Atherogenic Lipid Profile and Myocardial Infarction in Patients With Type 2 Diabetes. <i>Circulation: Cardiovascular Genetics</i> , 2009, 2, 255-259.	5.1	52
64	A genome-wide association study suggests new evidence for an association of the <i>NADPH Oxidase 4 (NOX4)</i> gene with severe diabetic retinopathy in type 2 diabetes. <i>Acta Ophthalmologica</i> , 2018, 96, e811-e819.	0.6	52
65	Apolipoprotein E genotypes are associated with lipid-lowering responses to statin treatment in diabetes: a Co-DARTS study. <i>Pharmacogenetics and Genomics</i> , 2008, 18, 279-287.	0.7	52
66	Intracellular ATP Influences Synaptic Plasticity in Area CA1 of Rat Hippocampus via Metabolism to Adenosine and Activity-Dependent Activation of Adenosine A ₁ Receptors. <i>Journal of Neuroscience</i> , 2011, 31, 6221-6234.	1.7	51
67	An ion-pair reversed-phase HPLC method for determination of fresh tissue adenine nucleotides avoiding freeze-thaw degradation of ATP. <i>Analytical Biochemistry</i> , 2009, 388, 108-114.	1.1	48
68	Glycemic Exposure and Blood Pressure Influencing Progression and Remission of Diabetic Retinopathy. <i>Diabetes Care</i> , 2013, 36, 3979-3984.	4.3	48
69	A genome-wide association study identifies variants in KCNIP4 associated with ACE inhibitor-induced cough. <i>Pharmacogenomics Journal</i> , 2016, 16, 231-237.	0.9	47
70	Both High and Low HbA1c Predict Incident Heart Failure in Type 2 Diabetes Mellitus. <i>Circulation: Heart Failure</i> , 2015, 8, 236-242.	1.6	41
71	The Pro12Ala and C681G variants of the PPARC locus are associated with opposing growth phenotypes in young schoolchildren. <i>Diabetologia</i> , 2005, 48, 1496-1502.	2.9	37
72	Public attitudes to the storage of blood left over from routine general practice tests and its use in research. <i>Journal of Health Services Research and Policy</i> , 2009, 14, 13-19.	0.8	36

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73	Common Variants in Mendelian Kidney Disease Genes and Their Association with Renal Function. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 2105-2117.	3.0	33
74	Neutrophil-to-lymphocyte ratio and outcomes in patients with new-onset or worsening heart failure with reduced and preserved ejection fraction. <i>ESC Heart Failure</i> , 2021, 8, 3168-3179.	1.4	33
75	Association of common variation in glutathione S-transferase genes with premature development of cardiovascular disease in patients with systemic sclerosis. <i>Arthritis and Rheumatism</i> , 2003, 48, 854-855.	6.7	31
76	A role for coding functional variants in HNF4A in type 2 diabetes susceptibility. <i>Diabetologia</i> , 2011, 54, 111-119.	2.9	29
77	Novel VAMPIRE algorithms for quantitative analysis of the retinal vasculature. , 2013, , .		28
78	PPARG Locus Haplotype Variation and Exacerbations in Asthma. <i>Clinical Pharmacology and Therapeutics</i> , 2007, 81, 713-718.	2.3	27
79	Genetic Loci for Retinal Arteriolar Microcirculation. <i>PLoS ONE</i> , 2013, 8, e65804.	1.1	27
80	Electronic case report forms and electronic data capture within clinical trials and pharmacoepidemiology. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 1880-1895.	1.1	27
81	Automated data capture from free-text radiology reports to enhance accuracy of hospital inpatient stroke codes. <i>Pharmacoepidemiology and Drug Safety</i> , 2010, 19, 843-847.	0.9	25
82	Robust association of the LPA locus with low-density lipoprotein cholesterol lowering response to statin treatment in a meta-analysis of 30 467 individuals from both randomized control trials and observational studies and association with coronary artery disease outcome during statin treatment. <i>Pharmacogenetics and Genomics</i> , 2013, 23, 518-525.	0.7	23
83	Novel Genetic Locus Influencing Retinal Venular Tortuosity Is Also Associated With Risk of Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 2542-2552.	1.1	23
84	Peroxisome Proliferator-Activated Receptor- γ Genotype Influences Metabolic Phenotype and May Influence Lipid Response to Statin Therapy in Humans: A Genetics of Diabetes Audit and Research Tayside Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 1830-1837.	1.8	22
85	Modulation of intracellular ATP determines adenosine release and functional outcome in response to metabolic stress in rat hippocampal slices and cerebellar granule cells. <i>Journal of Neurochemistry</i> , 2014, 128, 111-124.	2.1	22
86	Retinal microvascular parameters are not associated with reduced renal function in a study of individuals with type 2 diabetes. <i>Scientific Reports</i> , 2018, 8, 3931.	1.6	21
87	A multimodal approach to cardiovascular risk stratification in patients with type 2 diabetes incorporating retinal, genomic and clinical features. <i>Scientific Reports</i> , 2019, 9, 3591.	1.6	21
88	Systematic Review of Observational Research Studying the Long-Term use of Antithrombotic Medicines Following Intracerebral Hemorrhage. <i>Cardiovascular Therapeutics</i> , 2010, 28, 177-184.	1.1	19
89	Investigating Real-World Clopidogrel Pharmacogenetics in Stroke Using a Bioresource Linked to Electronic Medical Records. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 103, 281-286.	2.3	19
90	Meta-analysis of genome-wide association studies on the intolerance of angiotensin-converting enzyme inhibitors. <i>Pharmacogenetics and Genomics</i> , 2017, 27, 112-119.	0.7	16

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91	Male preponderance in early diagnosed type 2 diabetes is associated with the ARE insertion/deletion polymorphism in the PPP1R3A locus. BMC Genetics, 2003, 4, 11.	2.7	15
92	US and Scottish Health Professionals' Attitudes toward DNA Biobanking. Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 357-362.	2.2	15
93	A Single Nucleotide Polymorphism on Exon-4 of the Gene Encoding <i>PPARγ</i> Is Associated with Reduced Height in Adults and Children. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 2587-2593.	1.8	15
94	Combined Effect of Inflammatory Gene Polymorphisms and the Risk of Ischemic Stroke in a Prospective Cohort of Subjects With Type 2 Diabetes: A Go-DARTS Study. Diabetes, 2010, 59, 2945-2948.	0.3	14
95	Genetic variants predicting left ventricular hypertrophy in a diabetic population: a Go-DARTS study including meta-analysis. Cardiovascular Diabetology, 2013, 12, 109.	2.7	14
96	Investigating the Relationship Between Type 2 Diabetes and Dementia Using Electronic Medical Records in the GoDARTS Bioresource. Diabetes Care, 2019, 42, 1973-1980.	4.3	14
97	Microvascular disease and heart failure with reduced and preserved ejection fraction in type 2 diabetes. ESC Heart Failure, 2020, 7, 1168-1177.	1.4	14
98	Persistence, Adherence and Outcomes with Antiplatelet Regimens following Cerebral Infarction in the Tayside Stroke Cohort. Cerebrovascular Diseases, 2012, 33, 190-197.	0.8	13
99	PheGWAS: a new dimension to visualize GWAS across multiple phenotypes. Bioinformatics, 2020, 36, 2500-2505.	1.8	12
100	Phospholemman Phosphorylation Regulates Vascular Tone, Blood Pressure, and Hypertension in Mice and Humans. Circulation, 2021, 143, 1123-1138.	1.6	12
101	The genomics of heart failure: design and rationale of the HERMES consortium. ESC Heart Failure, 2021, 8, 5531-5541.	1.4	11
102	Genetic association analysis of LARS2 with type 2 diabetes. Diabetologia, 2010, 53, 103-110.	2.9	10
103	The Tayside Stroke Cohort: exploiting advanced regional medical informatics to create a region-wide database for studying the pharmacoepidemiology of stroke. Pharmacoepidemiology and Drug Safety, 2010, 19, 737-744.	0.9	10
104	Differential Association of Genetic Risk of Coronary Artery Disease With Development of Heart Failure With Reduced Versus Preserved Ejection Fraction. Circulation, 2019, 139, 986-988.	1.6	9
105	Impact of EU regulatory label changes for diclofenac in people with cardiovascular disease in four countries: Interrupted time series regression analysis. British Journal of Clinical Pharmacology, 2021, 87, 1129-1140.	1.1	9
106	State of Play of Pharmacogenetics and Personalized Medicine in Heart Failure. Cardiovascular Therapeutics, 2013, 31, 315-322.	1.1	8
107	The Y402H variant of complement factor H is associated with age-related macular degeneration but not with diabetic retinal disease in the GoDARTS study. Diabetic Medicine, 2009, 26, 460-465.	1.2	7
108	The future of pharmacogenetics in the treatment of heart failure. Pharmacogenomics, 2015, 16, 1817-1827.	0.6	7

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109	Investigation of associations between retinal microvascular parameters and albuminuria in UK Biobank: a cross-sectional case-control study. <i>BMC Nephrology</i> , 2021, 22, 72.	0.8	7
110	Antithrombotic medicines following intracerebral haemorrhage: where's the evidence?. <i>Therapeutic Advances in Drug Safety</i> , 2011, 2, 205-211.	1.0	5
111	CKMGLu83Gly Is Associated With Blunted Creatine Kinase Variation, but Not With Myalgia. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	5
112	Genetic Risk of Diverticular Disease Predicts Early Stoppage of Nicorandil. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 108, 1171-1175.	2.3	4
113	Evaluating Diuretics in Normal Care (EVIDENCE): protocol of a cluster randomised controlled equivalence trial of prescribing policy to compare the effectiveness of thiazide-type diuretics in hypertension. <i>Trials</i> , 2021, 22, 814.	0.7	4
114	Pharmacogenetics Testing: Implications for Cardiovascular Therapeutics with Clopidogrel and Warfarin. <i>Cardiovascular Therapeutics</i> , 2010, 28, 135-138.	1.1	3
115	Cluster randomised trials of prescribing policy: an ethical approach to generating drug safety evidence? A discussion of the ethical application of a new research method. <i>Trials</i> , 2020, 21, 477.	0.7	3
116	Precision Medicine and Adverse Drug Reactions Related to Cardiovascular Drugs. <i>Diseases (Basel)</i> , 2021, 10, 3.	1.0	3
117	HbA1c and mortality in diabetic individuals with heart failure: an observational cohort study. <i>Heart</i> , 2012, 98, A9.2-A10.	1.2	1
118	Retinal Biomarker Discovery for Dementia in an Elderly Diabetic Population. <i>Lecture Notes in Computer Science</i> , 2017, , 150-158.	1.0	1
119	Are Cardiovascular Risk Scores from Genome and Retinal Image Complementary? A Deep Learning Investigation in a Diabetic Cohort. <i>Lecture Notes in Computer Science</i> , 2021, , 109-118.	1.0	1
120	The Double-Edged Sword: Gaining Adenosine at the Expense of ATP. How to Balance the Books. , 2013, , 109-129.		1
121	THE GENETICS OF GLYCAEMIC CONTROL AND HEART FAILURE ARE INTER-TWINED. <i>Heart</i> , 2013, 99, A15.1-A15.	1.2	0
122	Influence of Diabetes on Antiplatelet Drug Efficacy. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 103, 573-573.	2.3	0
123	Secondary prevention for stroke and transient ischaemic attacks. <i>BMJ: British Medical Journal</i> , 2004, 328, 896.2.	2.4	0