

# Alexander S Doney

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5368083/publications.pdf>

Version: 2024-02-01

123  
papers

38,660  
citations

23567

58  
h-index

19749

117  
g-index

131  
all docs

131  
docs citations

131  
times ranked

39767  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Common Variant in the <i>FTO</i> Gene Is Associated with Body Mass Index and Predisposes to Childhood and Adult Obesity. Science, 2007, 316, 889-894.	12.6	3,884
2	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	27.8	3,823
3	Discovery and refinement of loci associated with lipid levels. Nature Genetics, 2013, 45, 1274-1283.	21.4	2,641
4	Replication of Genome-Wide Association Signals in UK Samples Reveals Risk Loci for Type 2 Diabetes. Science, 2007, 316, 1336-1341.	12.6	2,040
5	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. Nature Genetics, 2010, 42, 105-116.	21.4	1,982
6	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	21.4	1,818
7	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. Nature Genetics, 2012, 44, 981-990.	21.4	1,748
8	Meta-analysis of genome-wide association data and large-scale replication identifies additional susceptibility loci for type 2 diabetes. Nature Genetics, 2008, 40, 638-645.	21.4	1,683
9	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. Nature Genetics, 2010, 42, 579-589.	21.4	1,631
10	Large-scale association analysis identifies new risk loci for coronary artery disease. Nature Genetics, 2013, 45, 25-33.	21.4	1,439
11	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	27.8	1,328
12	Common variants near MC4R are associated with fat mass, weight and risk of obesity. Nature Genetics, 2008, 40, 768-775.	21.4	1,179
13	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. Nature Genetics, 2014, 46, 234-244.	21.4	959
14	The genetic architecture of type 2 diabetes. Nature, 2016, 536, 41-47.	27.8	952
15	Common variants associated with plasma triglycerides and risk for coronary artery disease. Nature Genetics, 2013, 45, 1345-1352.	21.4	754
16	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. Nature Genetics, 2012, 44, 991-1005.	21.4	746
17	Variants in MTNR1B influence fasting glucose levels. Nature Genetics, 2009, 41, 77-81.	21.4	662
18	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. Nature Genetics, 2010, 42, 142-148.	21.4	591

#	ARTICLE	IF	CITATIONS
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.	21.4	492
20	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. <i>Nature Communications</i> , 2020, 11, 163.	12.8	466
21	Genome-Wide Association Scan Meta-Analysis Identifies Three Loci Influencing Adiposity and Fat Distribution. <i>PLoS Genetics</i> , 2009, 5, e1000508.	3.5	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.	10.2	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.	27.0	427
24	Common variants near <i>ATM</i> are associated with glycemic response to metformin in type 2 diabetes. <i>Nature Genetics</i> , 2011, 43, 117-120.	21.4	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.	21.4	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.	21.4	362
27	Variation in <i>TCF7L2</i> Influences Therapeutic Response to Sulfonylureas. <i>Diabetes</i> , 2007, 56, 2178-2182.	0.6	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.	21.4	261
29	Pharmacogenetic meta-analysis of genome-wide association studies of LDL cholesterol response to statins. <i>Nature Communications</i> , 2014, 5, 5068.	12.8	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.	2.8	214
31	The cost of cerebral ischaemia. <i>Neuropharmacology</i> , 2008, 55, 250-256.	4.1	190
32	The Role of Adiposity in Cardiometabolic Traits: A Mendelian Randomization Analysis. <i>PLoS Medicine</i> , 2013, 10, e1001474.	8.4	178
33	Common Nonsynonymous Substitutions in <i>SLCO1B1</i> Predispose to Statin Intolerance in Routinely Treated Individuals With Type 2 Diabetes: A GoDARTS Study. <i>Clinical Pharmacology and Therapeutics</i> , 2011, 89, 210-216.	4.7	177
34	Genome-Wide Association and Functional Follow-Up Reveals New Loci for Kidney Function. <i>PLoS Genetics</i> , 2012, 8, e1002584.	3.5	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.	0.6	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.	2.8	142

#	ARTICLE	IF	CITATIONS
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.	4.7	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.	6.3	122
39	Exome sequencing-driven discovery of coding polymorphisms associated with common metabolic phenotypes. <i>Diabetologia</i> , 2013, 56, 298-310.	6.3	119
40	Haplotype analysis of the PPARGgamma 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.	0.6	109
42	Increased Cardiovascular Morbidity and Mortality in Type 2 Diabetes Is Associated With the Glutathione S Transferase Theta $\alpha$ 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.	3.5	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.	2.6	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.	1.6	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.	2.4	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.	11.6	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.	2.8	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.	2.3	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.	2.5	78
52	Mean <math>\langle \text{HbA}_{1c} \rangle</math> and mortality in diabetic individuals with heart failure: a population cohort study. <i>European Journal of Heart Failure</i> , 2016, 18, 94-102.	7.1	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.	6.3	74
54	Long-term adherence to statin treatment in diabetes. <i>Diabetic Medicine</i> , 2008, 25, 850-855.	2.3	74

#	ARTICLE	IF	CITATIONS
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.	1.5	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.	2.0	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.	2.8	68
59	Glutathione S-Transferase M1 and P1 Genotype, Passive Smoking, and Peak Expiratory Flow in Asthma. <i>Pediatrics</i> , 2006, 118, 710-716.	2.1	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.	2.9	64
61	Cohort Profile: Genetics of Diabetes Audit and Research in Tayside Scotland (GoDARTS). <i>International Journal of Epidemiology</i> , 2018, 47, 380-381j.	1.9	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.	6.1	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 <scp>NADPH</scp> Oxidase 4 (<i><scp>NOX</scp>4</i>) gene with severe diabetic retinopathy in type 2 diabetes. <i>Acta Ophthalmologica</i> , 2018, 96, e811-e819.	1.1	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.	1.5	52
66	Intracellular ATP Influences Synaptic Plasticity in Area CA1 of Rat Hippocampus via Metabolism to Adenosine and Activity-Dependent Activation of Adenosine A<sub>1</sub> Receptors. <i>Journal of Neuroscience</i> , 2011, 31, 6221-6234.	3.6	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.	2.4	48
68	Glycemic Exposure and Blood Pressure Influencing Progression and Remission of Diabetic Retinopathy. <i>Diabetes Care</i> , 2013, 36, 3979-3984.	8.6	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.	2.0	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.	3.9	41
71	The Pro12Ala and C<sup>681</sup>G variants of the PPARC locus are associated with opposing growth phenotypes in young schoolchildren. <i>Diabetologia</i> , 2005, 48, 1496-1502.	6.3	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.	1.7	36

#	ARTICLE	IF	CITATIONS
73	Common Variants in Mendelian Kidney Disease Genes and Their Association with Renal Function. Journal of the American Society of Nephrology: JASN, 2013, 24, 2105-2117.	6.1	33
74	Neutrophil-to-lymphocyte ratio and outcomes in patients with new-onset or worsening heart failure with reduced and preserved ejection fraction. ESC Heart Failure, 2021, 8, 3168-3179.	3.1	33
75	Association of common variation in glutathione S-transferase genes with premature development of cardiovascular disease in patients with systemic sclerosis. Arthritis and Rheumatism, 2003, 48, 854-855.	6.7	31
76	A role for coding functional variants in HNF4A in type 2 diabetes susceptibility. Diabetologia, 2011, 54, 111-119.	6.3	29
77	Novel VAMPIRE algorithms for quantitative analysis of the retinal vasculature. , 2013, , .		28
78	PPARG Locus Haplotype Variation and Exacerbations in Asthma. Clinical Pharmacology and Therapeutics, 2007, 81, 713-718.	4.7	27
79	Genetic Loci for Retinal Arteriolar Microcirculation. PLoS ONE, 2013, 8, e65804.	2.5	27
80	Electronic case report forms and electronic data capture within clinical trials and pharmacoepidemiology. British Journal of Clinical Pharmacology, 2017, 83, 1880-1895.	2.4	27
81	Automated data capture from free-text radiology reports to enhance accuracy of hospital inpatient stroke codes. Pharmacoepidemiology and Drug Safety, 2010, 19, 843-847.	1.9	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. Pharmacogenetics and Genomics, 2013, 23, 518-525.	1.5	23
83	Novel Genetic Locus Influencing Retinal Venular Tortuosity Is Also Associated With Risk of Coronary Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 2542-2552.	2.4	23
84	Peroxisome Proliferator-Activated Receptor- $\gamma$ Genotype Influences Metabolic Phenotype and May Influence Lipid Response to Statin Therapy in Humans: A Genetics of Diabetes Audit and Research Tayside Study. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 1830-1837.	3.6	22
85	Modulation of intracellular $\text{ATP}$ determines adenosine release and functional outcome in response to metabolic stress in rat hippocampal slices and cerebellar granule cells. Journal of Neurochemistry, 2014, 128, 111-124.	3.9	22
86	Retinal microvascular parameters are not associated with reduced renal function in a study of individuals with type 2 diabetes. Scientific Reports, 2018, 8, 3931.	3.3	21
87	A multimodal approach to cardiovascular risk stratification in patients with type 2 diabetes incorporating retinal, genomic and clinical features. Scientific Reports, 2019, 9, 3591.	3.3	21
88	Systematic Review of Observational Research Studying the Long-Term use of Antithrombotic Medicines Following Intracerebral Hemorrhage. Cardiovascular Therapeutics, 2010, 28, 177-184.	2.5	19
89	Investigating Real-World Clopidogrel Pharmacogenetics in Stroke Using a Bioresource Linked to Electronic Medical Records. Clinical Pharmacology and Therapeutics, 2018, 103, 281-286.	4.7	19
90	Meta-analysis of genome-wide association studies on the intolerance of angiotensin-converting enzyme inhibitors. Pharmacogenetics and Genomics, 2017, 27, 112-119.	1.5	16

#	ARTICLE	IF	CITATIONS
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.	4.4	15
93	A Single Nucleotide Polymorphism on Exon-4 of the Gene Encoding <i>PPAR<math>\alpha</math></i> Is Associated with Reduced Height in Adults and Children. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 2587-2593.	3.6	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.	0.6	14
95	Genetic variants predicting left ventricular hypertrophy in a diabetic population: a Go-DARTS study including meta-analysis. Cardiovascular Diabetology, 2013, 12, 109.	6.8	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.	8.6	14
97	Microvascular disease and heart failure with reduced and preserved ejection fraction in type 2 diabetes. ESC Heart Failure, 2020, 7, 1168-1177.	3.1	14
98	Persistence, Adherence and Outcomes with Antiplatelet Regimens following Cerebral Infarction in the Tayside Stroke Cohort. Cerebrovascular Diseases, 2012, 33, 190-197.	1.7	13
99	PheGWAS: a new dimension to visualize GWAS across multiple phenotypes. Bioinformatics, 2020, 36, 2500-2505.	4.1	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.	3.1	11
102	Genetic association analysis of LARS2 with type 2 diabetes. Diabetologia, 2010, 53, 103-110.	6.3	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.	1.9	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.	2.4	9
106	State of Play of Pharmacogenetics and Personalized Medicine in Heart Failure. Cardiovascular Therapeutics, 2013, 31, 315-322.	2.5	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.	2.3	7
108	The future of pharmacogenetics in the treatment of heart failure. Pharmacogenomics, 2015, 16, 1817-1827.	1.3	7



#	ARTICLE	IF	CITATIONS
109	Investigation of associations between retinal microvascular parameters and albuminuria in UK Biobank: a cross-sectional case-control study. BMC Nephrology, 2021, 22, 72.	1.8	7
110	Antithrombotic medicines following intracerebral haemorrhage: where's the evidence?. Therapeutic Advances in Drug Safety, 2011, 2, 205-211.	2.4	5
111	CKMGLu83Gly Is Associated With Blunted Creatine Kinase Variation, but Not With Myalgia. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	5
112	Genetic Risk of Diverticular Disease Predicts Early Stoppage of Nicorandil. Clinical Pharmacology and Therapeutics, 2020, 108, 1171-1175.	4.7	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. Trials, 2021, 22, 814.	1.6	4
114	Pharmacogenetics Testing: Implications for Cardiovascular Therapeutics with Clopidogrel and Warfarin. Cardiovascular Therapeutics, 2010, 28, 135-138.	2.5	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. Trials, 2020, 21, 477.	1.6	3
116	Precision Medicine and Adverse Drug Reactions Related to Cardiovascular Drugs. Diseases (Basel,) Tj ETQq0 0 0 rgBT /Overlook 10 Tf 50	2.5	3
117	011â€¦HbA1c and mortality in diabetic individuals with heart failure: an observational cohort study. Heart, 2012, 98, A9.2-A10.	2.9	1
118	Retinal Biomarker Discovery for Dementia in an Elderly Diabetic Population. Lecture Notes in Computer Science, 2017, , 150-158.	1.3	1
119	Are Cardiovascular Risk Scores from Genome and Retinal Image Complementary? A Deep Learning Investigation in a Diabetic Cohort. Lecture Notes in Computer Science, 2021, , 109-118.	1.3	1
120	The Double-Edged Sword: Gaining Adenosine at the Expense of ATP. How to Balance the Books. , 2013, , 109-129.		1
121	016 THE GENETICS OF GLYCAEMIC CONTROL AND HEART FAILURE ARE INTER-TWINED. Heart, 2013, 99, A15.1-A15.	2.9	0
122	Response to â€œInfluence of Diabetes on Antiplatelet Drug Efficacyâ€• Clinical Pharmacology and Therapeutics, 2018, 103, 573-573.	4.7	0
123	Secondary prevention for stroke and transient ischaemic attacks. BMJ: British Medical Journal, 2004, 328, 896.2.	2.3	0