Alexander S Doney

List of Publications by Year in Descending Order

122 papers	30,771 citations	56 h-index	131 g-index
131 ext. papers	35,636 ext. citations	12.5 avg, IF	5.07 L-index

#	Paper	IF	Citations
122	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	2.8	2
121	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	3.7	5
120	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	3.8	3
119	A review of machine learning methods for retinal blood vessel segmentation and artery/vein classification. *Medical Image Analysis*, **2021**, 68, 101905	15.4	25
118	Phospholemman Phosphorylation Regulates Vascular Tone, Blood Pressure, and Hypertension in Mice and Humans. *Circulation*, **2021**, 143, 1123-1138	16.7	3
117	The Relationship between AKI and CKD in Patients with Type 2 Diabetes: An Observational Cohort Study. *Journal of the American Society of Nephrology: JASN*, **2021**, 32, 138-150	12.7	15
116	Investigation of associations between retinal microvascular parameters and albuminuria in UK Biobank: a cross-sectional case-control study. *BMC Nephrology*, **2021**, 22, 72	2.7	3
115	The genomics of heart failure: design and rationale of the HERMES consortium. *ESC Heart Failure*, **2021**,	3.7	1
114	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	0.9	
113	Genetic Risk of Diverticular Disease Predicts Early Stoppage of Nicorandil. *Clinical Pharmacology and Therapeutics*, **2020**, 108, 1171-1175	6.1	2
112	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	2.8	1
111	Microvascular disease and heart failure with reduced and preserved ejection fraction in type 2 diabetes. *ESC Heart Failure*, **2020**, 7, 1168-1177	3.7	7
110	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. *Nature Communications*, **2020**, 11, 163	17.4	140
109	PheGWAS: a new dimension to visualize GWAS across multiple phenotypes. *Bioinformatics*, **2020**, 36, 2500-2505	7.2	3
108	Investigating the Relationship Between Type 2 Diabetes and Dementia Using Electronic Medical Records in the GoDARTS Bioresource. *Diabetes Care*, **2019**, 42, 1973-1980	14.6	5
107	A multimodal approach to cardiovascular risk stratification in patients with type 2 diabetes incorporating retinal, genomic and clinical features. *Scientific Reports*, **2019**, 9, 3591	4.9	14
106	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	16.7	5

105	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	9.4	11
104	Retinal microvascular parameters are not associated with reduced renal function in a study of individuals with type 2 diabetes. *Scientific Reports*, **2018**, 8, 3931	4.9	16
103	Response to "Influence of Diabetes on Antiplatelet Drug Efficacy". *Clinical Pharmacology and Therapeutics*, **2018**, 103, 573	6.1	
102	Investigating Real-World Clopidogrel Pharmacogenetics in Stroke Using a Bioresource Linked to Electronic Medical Records. *Clinical Pharmacology and Therapeutics*, **2018**, 103, 281-286	6.1	10
101	Cohort Profile: Genetics of Diabetes Audit and Research in Tayside Scotland (GoDARTS). *International Journal of Epidemiology*, **2018**, 47, 380-381j	7.8	37
100	A genome-wide association study suggests new evidence for an association of the NADPH Oxidase 4 (NOX4) gene with severe diabetic retinopathy in type 2 diabetes. *Acta Ophthalmologica*, **2018**, 96, e811-e819	3.7	36
99	Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. *Nature Genetics*, **2017**, 49, 403-415	36.3	313
98	Systematic Evaluation of Pleiotropy Identifies 6 Further Loci Associated With Coronary Artery Disease. *Journal of the American College of Cardiology*, **2017**, 69, 823-836	15.1	146
97	Meta-analysis of genome-wide association studies on the intolerance of angiotensin-converting enzyme inhibitors. *Pharmacogenetics and Genomics*, **2017**, 27, 112-119	1.9	13
96	Electronic case report forms and electronic data capture within clinical trials and pharmacoepidemiology. *British Journal of Clinical Pharmacology*, **2017**, 83, 1880-1895	3.8	18
95	Retinal Biomarker Discovery for Dementia in an Elderly Diabetic Population. *Lecture Notes in Computer Science*, **2017**, 150-158	0.9	1
94	Glu83Gly Is Associated With Blunted Creatine Kinase Variation, but Not With Myalgia. *Circulation: Cardiovascular Genetics*, **2017**, 10,		2
93	A genome-wide association study identifies variants in KCNIP4 associated with ACE inhibitor-induced cough. *Pharmacogenomics Journal*, **2016**, 16, 231-7	3.5	37
92	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. *Nature Genetics*, **2016**, 48, 1151-1161	36.3	181
91	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. *Nature Genetics*, **2016**, 48, 1171-1184	36.3	251
90	Mean HbA1c and mortality in diabetic individuals with heart failure: a population cohort study. *European Journal of Heart Failure*, **2016**, 18, 94-102	12.3	61
89	The genetic architecture of type 2 diabetes. *Nature*, **2016**, 536, 41-47	50.4	704
88	Coding Variation in ANGPTL4, LPL, and SVEP1 and the Risk of Coronary Disease. *New England Journal of Medicine*, **2016**, 374, 1134-44	59.2	325

87	Identification and functional characterization of G6PC2 coding variants influencing glycemic traits define an effector transcript at the G6PC2-ABCB11 locus. *PLoS Genetics*, **2015**, 11, e1004876	6	76
86	The future of pharmacogenetics in the treatment of heart failure. *Pharmacogenomics*, **2015**, 16, 1817-27	2.6	6
85	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. *Nature Genetics*, **2015**, 47, 1415-25	36.3	292
84	New genetic loci link adipose and insulin biology to body fat distribution. *Nature*, **2015**, 518, 187-196	50.4	920
83	Genetic studies of body mass index yield new insights for obesity biology. *Nature*, **2015**, 518, 197-206	50.4	2687
82	Both high and low HbA1c predict incident heart failure in type 2 diabetes mellitus. *Circulation: Heart Failure*, **2015**, 8, 236-42	7.6	35
81	Defining the role of common variation in the genomic and biological architecture of adult human height. *Nature Genetics*, **2014**, 46, 1173-86	36.3	1339
80	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. *Nature Genetics*, **2014**, 46, 234-44	36.3	784
79	Pharmacogenetic meta-analysis of genome-wide association studies of LDL cholesterol response to statins. *Nature Communications*, **2014**, 5, 5068	17.4	160
78	Modulation of intracellular 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, 111-24	6	17
77	Genetic variants predicting left ventricular hypertrophy in a diabetic population: a Go-DARTS study including meta-analysis. *Cardiovascular Diabetology*, **2013**, 12, 109	8.7	12
76	Exome sequencing-driven discovery of coding polymorphisms associated with common metabolic phenotypes. *Diabetologia*, **2013**, 56, 298-310	10.3	102
75	Novel VAMPIRE algorithms for quantitative analysis of the retinal vasculature **2013**,		22
74	Discovery and refinement of loci associated with lipid levels. *Nature Genetics*, **2013**, 45, 1274-1283	36.3	1904
73	Common variants associated with plasma triglycerides and risk for coronary artery disease. *Nature Genetics*, **2013**, 45, 1345-52	36.3	597
72	Large-scale association analysis identifies new risk loci for coronary artery disease. *Nature Genetics*, **2013**, 45, 25-33	36.3	1172
71	Common variants in Mendelian kidney disease genes and their association with renal function. *Journal of the American Society of Nephrology: JASN*, **2013**, 24, 2105-17	12.7	27
70	State of play of pharmacogenetics and personalized medicine in heart failure. *Cardiovascular Therapeutics*, **2013**, 31, 315-22	3.3	7

69	The role of adiposity in cardiometabolic traits: a Mendelian randomization analysis. *PLoS Medicine*, **2013**, 10, e1001474	11.6	144
68	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, 518-25	1.9	19
67	Glycemic exposure and blood pressure influencing progression and remission of diabetic retinopathy: a longitudinal cohort study in GoDARTS. *Diabetes Care*, **2013**, 36, 3979-84	14.6	35
66	016 THE GENETICS OF GLYCAEMIC CONTROL AND HEART FAILURE ARE INTER-TWINED. *Heart*, **2013**, 99, A15.1-A15	5.1	
65	Genetic loci for retinal arteriolar microcirculation. *PLoS ONE*, **2013**, 8, e65804	3.7	19
64	The Double-Edged Sword: Gaining Adenosine at the Expense of ATP. How to Balance the Books **2013**, 109-129		1
63	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. *Nature Genetics*, **2012**, 44, 981-90	36.3	1482
62	Genetic risk factors for ischaemic stroke and its subtypes (the METASTROKE collaboration): a meta-analysis of genome-wide association studies. *Lancet Neurology, The*, **2012**, 11, 951-62	24.1	359
61	The effect of vitamin D replacement on markers of vascular health in stroke patients - a randomised controlled trial. *Nutrition, Metabolism and Cardiovascular Diseases*, **2012**, 22, 864-70	4.5	80
60	Paradoxical lower serum triglyceride levels and higher type 2 diabetes mellitus susceptibility in obese individuals with the PNPLA3 148M variant. *PLoS ONE*, **2012**, 7, e39362	3.7	66
59	Genome-wide association and functional follow-up reveals new loci for kidney function. *PLoS Genetics*, **2012**, 8, e1002584	6	143
58	Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. *Human Molecular Genetics*, **2012**, 21, 5329-43	5.6	54
57	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. *Nature Genetics*, **2012**, 44, 991-1005	36.3	621
56	Persistence, adherence and outcomes with antiplatelet regimens following cerebral infarction in the Tayside Stroke Cohort. *Cerebrovascular Diseases*, **2012**, 33, 190-7	3.2	12
55	011 HbA1c and mortality in diabetic individuals with heart failure: an observational cohort study. *Heart*, **2012**, 98, A9.2-A10	5.1	1
54	Impact of renin-angiotensin system blockade therapy on outcome in aortic stenosis. *Journal of the American College of Cardiology*, **2011**, 58, 570-6	15.1	108
53	The impact of renin-angiotensin-aldosterone system blockade on heart failure outcomes and mortality in patients identified to have aortic regurgitation: a large population cohort study. *Journal of the American College of Cardiology*, **2011**, 58, 2084-91	15.1	52
52	Common variants near ATM are associated with glycemic response to metformin in type 2 diabetes. *Nature Genetics*, **2011**, 43, 117-20	36.3	319

51	Common nonsynonymous substitutions in SLCO1B1 predispose to statin intolerance in routinely treated individuals with type 2 diabetes: a go-DARTS study. *Clinical Pharmacology and Therapeutics*, **2011**, 89, 210-6	6.1	153
50	A role for coding functional variants in HNF4A in type 2 diabetes susceptibility. *Diabetologia*, **2011**, 54, 111-9	10.3	24
49	Intracellular ATP influences synaptic plasticity in area CA1 of rat hippocampus via metabolism to adenosine and activity-dependent activation of adenosine A1 receptors. *Journal of Neuroscience*, **2011**, 31, 6221-34	6.6	44
48	Antithrombotic medicines following intracerebral haemorrhage: where's the evidence?. *Therapeutic Advances in Drug Safety*, **2011**, 2, 205-11	3.5	4
47	Candidate gene association study for diabetic retinopathy in persons with type 2 diabetes: the Candidate gene Association Resource (CARe) **2011**, 52, 7593-602		73
46	VAMPIRE: Vessel assessment and measurement platform for images of the REtina. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2011**, 2011, 3391-4	0.9	54
45	Loss-of-function CYP2C9 variants improve therapeutic response to sulfonylureas in type 2 diabetes: a Go-DARTS study. *Clinical Pharmacology and Therapeutics*, **2010**, 87, 52-6	6.1	124
44	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. *Nature Genetics*, **2010**, 42, 142-8	36.3	527
43	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. *Nature Genetics*, **2010**, 42, 579-89	36.3	1449
42	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, 2945-8	0.9	14
41	Prescribing antiplatelet medicine and subsequent events after intracerebral hemorrhage. *Stroke*, **2010**, 41, 2606-11	6.7	58
40	Peroxisome proliferator-activated receptor-delta 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, 1830-7	5.6	21
39	Systematic review of observational research studying the long-term use of antithrombotic medicines following intracerebral hemorrhage. *Cardiovascular Therapeutics*, **2010**, 28, 177-84	3.3	14
38	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. *Nature Genetics*, **2010**, 42, 105-16	36.3	1673
37	Genetic association analysis of LARS2 with type 2 diabetes. *Diabetologia*, **2010**, 53, 103-10	10.3	8
36	Effect of Metformin on mortality in patients with heart failure and type 2 diabetes mellitus. *American Journal of Cardiology*, **2010**, 106, 1006-10	3	66
35	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, 737-44	2.6	5
34	Automated data capture from free-text radiology reports to enhance accuracy of hospital inpatient stroke codes. *Pharmacoepidemiology and Drug Safety*, **2010**, 19, 843-7	2.6	18

33	Genome-wide association scan meta-analysis identifies three Loci influencing adiposity and fat distribution. *PLoS Genetics*, **2009**, 5, e1000508	6	393
32	Reduced-function SLC22A1 polymorphisms encoding organic cation transporter 1 and glycemic response to metformin: a GoDARTS study. *Diabetes*, **2009**, 58, 1434-9	0.9	132
31	Public attitudes to the storage of blood left over from routine general practice tests and its use in research. *Journal of Health Services Research and Policy*, **2009**, 14, 13-9	2.4	33
30	Adiposity-related heterogeneity in patterns of type 2 diabetes susceptibility observed in genome-wide association data. *Diabetes*, **2009**, 58, 505-10	0.9	98
29	The FTO gene is associated with an atherogenic lipid profile and myocardial infarction in patients with type 2 diabetes: a Genetics of Diabetes Audit and Research Study in Tayside Scotland (Go-DARTS) study. *Circulation: Cardiovascular Genetics*, **2009**, 2, 255-9		43
28	A single nucleotide polymorphism on exon-4 of the gene encoding PPARdelta is associated with reduced height in adults and children. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 2587-93	5.6	12
27	Variants in MTNR1B influence fasting glucose levels. *Nature Genetics*, **2009**, 41, 77-81	36.3	584
26	An ion-pair reversed-phase HPLC method for determination of fresh tissue adenine nucleotides avoiding freeze-thaw degradation of ATP. *Analytical Biochemistry*, **2009**, 388, 108-14	3.1	45
25	Insulin resistance is highly prevalent and is associated with reduced exercise tolerance in nondiabetic patients with heart failure. *Journal of the American College of Cardiology*, **2009**, 53, 747-53	15.1	75
24	The Y402H variant of complement factor H is associated with age-related macular degeneration but not with diabetic retinal disease in the Go-DARTS study. *Diabetic Medicine*, **2009**, 26, 460-5	3.5	6
23	Common variants near MC4R are associated with fat mass, weight and risk of obesity. *Nature Genetics*, **2008**, 40, 768-75	36.3	1048
22	Long-term adherence to statin treatment in diabetes. *Diabetic Medicine*, **2008**, 25, 850-5	3.5	69
21	The cost of cerebral ischaemia. *Neuropharmacology*, **2008**, 55, 250-6	5.5	165
20	Meta-analysis of genome-wide association data and large-scale replication identifies additional susceptibility loci for type 2 diabetes. *Nature Genetics*, **2008**, 40, 638-45	36.3	1496
19	A paucimorphic variant in the HMG-CoA reductase gene is associated with lipid-lowering response to statin treatment in diabetes: a GoDARTS study. *Pharmacogenetics and Genomics*, **2008**, 18, 1021-6	1.9	60
18	US and Scottish health professionalsSattitudes toward DNA biobanking. *Journal of the American Medical Informatics Association: JAMIA*, **2008**, 15, 357-62	8.6	12
17	Apolipoprotein E genotypes are associated with lipid-lowering responses to statin treatment in diabetes: a Go-DARTS study. *Pharmacogenetics and Genomics*, **2008**, 18, 279-87	1.9	49
16	PPARG locus haplotype variation and exacerbations in asthma. *Clinical Pharmacology and Therapeutics*, **2007**, 81, 713-8	6.1	24

15	TCF7L2 in the Go-DARTS study: evidence for a gene dose effect on both diabetes susceptibility and control of glucose levels. *Diabetologia*, **2007**, 50, 1186-91	10.3	65
14	Variation in TCF7L2 influences therapeutic response to sulfonylureas: a GoDARTs study. *Diabetes*, **2007**, 56, 2178-82	0.9	251
13	A common variant in the FTO gene is associated with body mass index and predisposes to childhood and adult obesity. *Science*, **2007**, 316, 889-94	33.3	3294
12	Replication of genome-wide association signals in UK samples reveals risk loci for type 2 diabetes. *Science*, **2007**, 316, 1336-41	33.3	1823
11	Glutathione S-transferase M1 and P1 genotype, passive smoking, and peak expiratory flow in asthma. *Pediatrics*, **2006**, 118, 710-6	7.4	61
10	The effect of obesity on glycaemic response to metformin or sulphonylureas in Type 2 diabetes. *Diabetic Medicine*, **2006**, 23, 128-33	3.5	63
9	The Pro12Ala and C-681G variants of the PPARG locus are associated with opposing growth phenotypes in young schoolchildren. *Diabetologia*, **2005**, 48, 1496-502	10.3	35
8	Increased cardiovascular morbidity and mortality in type 2 diabetes is associated with the glutathione S transferase theta-null genotype: a Go-DARTS study. *Circulation*, **2005**, 111, 2927-34	16.7	80
7	Cardiovascular risk in type 2 diabetes is associated with variation at the PPARG locus: a Go-DARTS study. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2004**, 24, 2403-7	9.4	77
6	Association of the Pro12Ala and C1431T variants of PPARG and their haplotypes with susceptibility to Type 2 diabetes. *Diabetologia*, **2004**, 47, 555-558	10.3	111
5	Secondary prevention for stroke and transient ischaemic attacks: Horizons needs expanding. *BMJ, The*, **2004**, 328, 896; author reply 897	5.9	
4	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, 854-5		29
3	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	2.6	11
2	Haplotype analysis of the PPARgamma Pro12Ala and C1431T variants reveals opposing associations with body weight. *BMC Genetics*, **2002**, 3, 21	2.6	102
1	Genome-wide association study provides new insights into the genetic architecture and pathogenesis of heart failure		2