

Alexander S Doney

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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, 889-94	33.3	3294
121	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015 , 518, 197-206	50.4	2687
120	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013 , 45, 1274-1283	36.3	1904
119	Replication of genome-wide association signals in UK samples reveals risk loci for type 2 diabetes. <i>Science</i> , 2007 , 316, 1336-41	33.3	1823
118	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. <i>Nature Genetics</i> , 2010 , 42, 105-16	36.3	1673
117	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, 638-45	36.3	1496
116	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. <i>Nature Genetics</i> , 2012 , 44, 981-90	36.3	1482
115	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. <i>Nature Genetics</i> , 2010 , 42, 579-89	36.3	1449
114	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014 , 46, 1173-86	36.3	1339
113	Large-scale association analysis identifies new risk loci for coronary artery disease. <i>Nature Genetics</i> , 2013 , 45, 25-33	36.3	1172
112	Common variants near MC4R are associated with fat mass, weight and risk of obesity. <i>Nature Genetics</i> , 2008 , 40, 768-75	36.3	1048
111	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015 , 518, 187-196	50.4	920
110	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. <i>Nature Genetics</i> , 2014 , 46, 234-44	36.3	784
109	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016 , 536, 41-47	50.4	704
108	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	36.3	621
107	Common variants associated with plasma triglycerides and risk for coronary artery disease. <i>Nature Genetics</i> , 2013 , 45, 1345-52	36.3	597
106	Variants in MTNR1B influence fasting glucose levels. <i>Nature Genetics</i> , 2009 , 41, 77-81	36.3	584

105	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. <i>Nature Genetics</i> , 2010 , 42, 142-8	36.3	527
104	Genome-wide association scan meta-analysis identifies three Loci influencing adiposity and fat distribution. <i>PLoS Genetics</i> , 2009 , 5, e1000508	6	393
103	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, 951-62	24.1	359
102	Coding Variation in ANGPTL4, LPL, and SVEP1 and the Risk of Coronary Disease. <i>New England Journal of Medicine</i> , 2016 , 374, 1134-44	59.2	325
101	Common variants near ATM are associated with glycemic response to metformin in type 2 diabetes. <i>Nature Genetics</i> , 2011 , 43, 117-20	36.3	319
100	Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. <i>Nature Genetics</i> , 2017 , 49, 403-415	36.3	313
99	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. <i>Nature Genetics</i> , 2015 , 47, 1415-25	36.3	292
98	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	36.3	251
97	Variation in TCF7L2 influences therapeutic response to sulfonylureas: a GoDARTs study. <i>Diabetes</i> , 2007 , 56, 2178-82	0.9	251
96	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. <i>Nature Genetics</i> , 2016 , 48, 1151-1161	36.3	181
95	The cost of cerebral ischaemia. <i>Neuropharmacology</i> , 2008 , 55, 250-6	5.5	165
94	Pharmacogenetic meta-analysis of genome-wide association studies of LDL cholesterol response to statins. <i>Nature Communications</i> , 2014 , 5, 5068	17.4	160
93	Common nonsynonymous substitutions in SLCO1B1 predispose to statin intolerance in routinely treated individuals with type 2 diabetes: a go-DARTS study. <i>Clinical Pharmacology and Therapeutics</i> , 2011 , 89, 210-6	6.1	153
92	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	15.1	146
91	The role of adiposity in cardiometabolic traits: a Mendelian randomization analysis. <i>PLoS Medicine</i> , 2013 , 10, e1001474	11.6	144
90	Genome-wide association and functional follow-up reveals new loci for kidney function. <i>PLoS Genetics</i> , 2012 , 8, e1002584	6	143
89	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. <i>Nature Communications</i> , 2020 , 11, 163	17.4	140
88	Reduced-function SLC22A1 polymorphisms encoding organic cation transporter 1 and glycemic response to metformin: a GoDARTS study. <i>Diabetes</i> , 2009 , 58, 1434-9	0.9	132

87	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, 52-6	6.1	124
86	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	10.3	111
85	Impact of renin-angiotensin system blockade therapy on outcome in aortic stenosis. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 570-6	15.1	108
84	Exome sequencing-driven discovery of coding polymorphisms associated with common metabolic phenotypes. <i>Diabetologia</i> , 2013 , 56, 298-310	10.3	102
83	Haplotype analysis of the PPARGgamma Pro12Ala and C1431T variants reveals opposing associations with body weight. <i>BMC Genetics</i> , 2002 , 3, 21	2.6	102
82	Adiposity-related heterogeneity in patterns of type 2 diabetes susceptibility observed in genome-wide association data. <i>Diabetes</i> , 2009 , 58, 505-10	0.9	98
81	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, 864-70	4.5	80
80	Increased cardiovascular morbidity and mortality in type 2 diabetes is associated with the glutathione S transferase theta-null genotype: a Go-DARTS study. <i>Circulation</i> , 2005 , 111, 2927-34	16.7	80
79	Cardiovascular risk in type 2 diabetes is associated with variation at the PPARG locus: a Go-DARTS study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 2403-7	9.4	77
78	Identification and functional characterization of G6PC2 coding variants influencing glycaemic traits define an effector transcript at the G6PC2-ABCB11 locus. <i>PLoS Genetics</i> , 2015 , 11, e1004876	6	76
77	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, 747-53	15.1	75
76	Candidate gene association study for diabetic retinopathy in persons with type 2 diabetes: the Candidate gene Association Resource (CARE) 2011 , 52, 7593-602		73
75	Long-term adherence to statin treatment in diabetes. <i>Diabetic Medicine</i> , 2008 , 25, 850-5	3.5	69
74	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	3.7	66
73	Effect of Metformin on mortality in patients with heart failure and type 2 diabetes mellitus. <i>American Journal of Cardiology</i> , 2010 , 106, 1006-10	3	66
72	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, 1186-91	10.3	65
71	The effect of obesity on glycaemic response to metformin or sulphonylureas in Type 2 diabetes. <i>Diabetic Medicine</i> , 2006 , 23, 128-33	3.5	63
70	Mean HbA1c and mortality in diabetic individuals with heart failure: a population cohort study. <i>European Journal of Heart Failure</i> , 2016 , 18, 94-102	12.3	61

69	Glutathione S-transferase M1 and P1 genotype, passive smoking, and peak expiratory flow in asthma. <i>Pediatrics</i> , 2006 , 118, 710-6	7.4	61
68	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, 1021-6	1.9	60
67	Prescribing antiplatelet medicine and subsequent events after intracerebral hemorrhage. <i>Stroke</i> , 2010 , 41, 2606-11	6.7	58
66	VAMPIRE: Vessel assessment and measurement platform for images of the REtina. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2011 , 2011, 3391-4	0.9	54
65	Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. <i>Human Molecular Genetics</i> , 2012 , 21, 5329-43	5.6	54
64	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. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 2084-91	15.1	52
63	Apolipoprotein E genotypes are associated with lipid-lowering responses to statin treatment in diabetes: a Go-DARTS study. <i>Pharmacogenetics and Genomics</i> , 2008 , 18, 279-87	1.9	49
62	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, 108-14	3.1	45
61	Intracellular ATP influences synaptic plasticity in area CA1 of rat hippocampus via metabolism to adenosine and activity-dependent activation of adenosine A1 receptors. <i>Journal of Neuroscience</i> , 2011 , 31, 6221-34	6.6	44
60	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. <i>Circulation: Cardiovascular Genetics</i> , 2009 , 2, 255-9		43
59	A genome-wide association study identifies variants in KCNIP4 associated with ACE inhibitor-induced cough. <i>Pharmacogenomics Journal</i> , 2016 , 16, 231-7	3.5	37
58	Cohort Profile: Genetics of Diabetes Audit and Research in Tayside Scotland (GoDARTS). <i>International Journal of Epidemiology</i> , 2018 , 47, 380-381j	7.8	37
57	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. <i>Acta Ophthalmologica</i> , 2018 , 96, e811-e819 ³⁶	3.7	36
56	Both high and low HbA1c predict incident heart failure in type 2 diabetes mellitus. <i>Circulation: Heart Failure</i> , 2015 , 8, 236-42	7.6	35
55	Glycemic exposure and blood pressure influencing progression and remission of diabetic retinopathy: a longitudinal cohort study in GoDARTS. <i>Diabetes Care</i> , 2013 , 36, 3979-84	14.6	35
54	The Pro12Ala and C-681G variants of the PPARG locus are associated with opposing growth phenotypes in young schoolchildren. <i>Diabetologia</i> , 2005 , 48, 1496-502	10.3	35
53	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, 13-9	2.4	33
52	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, 854-5		29

51	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, 2105-17	12.7	27
50	A review of machine learning methods for retinal blood vessel segmentation and artery/vein classification. <i>Medical Image Analysis</i> , 2021 , 68, 101905	15.4	25
49	A role for coding functional variants in HNF4A in type 2 diabetes susceptibility. <i>Diabetologia</i> , 2011 , 54, 111-9	10.3	24
48	PPARG locus haplotype variation and exacerbations in asthma. <i>Clinical Pharmacology and Therapeutics</i> , 2007 , 81, 713-8	6.1	24
47	Novel VAMPIRE algorithms for quantitative analysis of the retinal vasculature 2013 ,		22
46	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. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 1830-7	5.6	21
45	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, 518-25	1.9	19
44	Genetic loci for retinal arteriolar microcirculation. <i>PLoS ONE</i> , 2013 , 8, e65804	3.7	19
43	Electronic case report forms and electronic data capture within clinical trials and pharmacoepidemiology. <i>British Journal of Clinical Pharmacology</i> , 2017 , 83, 1880-1895	3.8	18
42	Automated data capture from free-text radiology reports to enhance accuracy of hospital inpatient stroke codes. <i>Pharmacoepidemiology and Drug Safety</i> , 2010 , 19, 843-7	2.6	18
41	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, 111-24	6	17
40	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	4.9	16
39	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	12.7	15
38	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	4.9	14
37	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. <i>Diabetes</i> , 2010 , 59, 2945-8	0.9	14
36	Systematic review of observational research studying the long-term use of antithrombotic medicines following intracerebral hemorrhage. <i>Cardiovascular Therapeutics</i> , 2010 , 28, 177-84	3.3	14
35	Meta-analysis of genome-wide association studies on the intolerance of angiotensin-converting enzyme inhibitors. <i>Pharmacogenetics and Genomics</i> , 2017 , 27, 112-119	1.9	13
34	Genetic variants predicting left ventricular hypertrophy in a diabetic population: a Go-DARTS study including meta-analysis. <i>Cardiovascular Diabetology</i> , 2013 , 12, 109	8.7	12

33	A single nucleotide polymorphism on exon-4 of the gene encoding PPARdelta is associated with reduced height in adults and children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 2587-93	5.6	12
32	Persistence, adherence and outcomes with antiplatelet regimens following cerebral infarction in the Tayside Stroke Cohort. <i>Cerebrovascular Diseases</i> , 2012 , 33, 190-7	3.2	12
31	US and Scottish health professionals' attitudes toward DNA biobanking. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2008 , 15, 357-62	8.6	12
30	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	9.4	11
29	Male preponderance in early diagnosed type 2 diabetes is associated with the ARE insertion/deletion polymorphism in the PPP1R3A locus. <i>BMC Genetics</i> , 2003 , 4, 11	2.6	11
28	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	6.1	10
27	Genetic association analysis of LARS2 with type 2 diabetes. <i>Diabetologia</i> , 2010 , 53, 103-10	10.3	8
26	Microvascular disease and heart failure with reduced and preserved ejection fraction in type 2 diabetes. <i>ESC Heart Failure</i> , 2020 , 7, 1168-1177	3.7	7
25	State of play of pharmacogenetics and personalized medicine in heart failure. <i>Cardiovascular Therapeutics</i> , 2013 , 31, 315-22	3.3	7
24	The future of pharmacogenetics in the treatment of heart failure. <i>Pharmacogenomics</i> , 2015 , 16, 1817-27	2.6	6
23	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. <i>Diabetic Medicine</i> , 2009 , 26, 460-5	3.5	6
22	Investigating the Relationship Between Type 2 Diabetes and Dementia Using Electronic Medical Records in the GoDARTS Bioresource. <i>Diabetes Care</i> , 2019 , 42, 1973-1980	14.6	5
21	Differential Association of Genetic Risk of Coronary Artery Disease With Development of Heart Failure With Reduced Versus Preserved Ejection Fraction. <i>Circulation</i> , 2019 , 139, 986-988	16.7	5
20	The Tayside Stroke Cohort: exploiting advanced regional medical informatics to create a region-wide database for studying the pharmacoepidemiology of stroke. <i>Pharmacoepidemiology and Drug Safety</i> , 2010 , 19, 737-44	2.6	5
19	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	3.7	5
18	Antithrombotic medicines following intracerebral haemorrhage: where's the evidence?. <i>Therapeutic Advances in Drug Safety</i> , 2011 , 2, 205-11	3.5	4
17	PheGWAS: a new dimension to visualize GWAS across multiple phenotypes. <i>Bioinformatics</i> , 2020 , 36, 2500-2505	7.2	3
16	Impact of EU regulatory label changes for diclofenac in people with cardiovascular disease in four countries: Interrupted time series regression analysis. <i>British Journal of Clinical Pharmacology</i> , 2021 , 87, 1129-1140	3.8	3

15	Phospholemman Phosphorylation Regulates Vascular Tone, Blood Pressure, and Hypertension in Mice and Humans. <i>Circulation</i> , 2021 , 143, 1123-1138	16.7	3
14	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	2.7	3
13	Genetic Risk of Diverticular Disease Predicts Early Stoppage of Nicorandil. <i>Clinical Pharmacology and Therapeutics</i> , 2020 , 108, 1171-1175	6.1	2
12	Glu83Gly Is Associated With Blunted Creatine Kinase Variation, but Not With Myalgia. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		2
11	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	2.8	2
10	Genome-wide association study provides new insights into the genetic architecture and pathogenesis of heart failure		2
9	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	2.8	1
8	Retinal Biomarker Discovery for Dementia in an Elderly Diabetic Population. <i>Lecture Notes in Computer Science</i> , 2017 , 150-158	0.9	1
7	011 HbA1c and mortality in diabetic individuals with heart failure: an observational cohort study. <i>Heart</i> , 2012 , 98, A9.2-A10	5.1	1
6	The genomics of heart failure: design and rationale of the HERMES consortium. <i>ESC Heart Failure</i> , 2021 ,	3.7	1
5	The Double-Edged Sword: Gaining Adenosine at the Expense of ATP. How to Balance the Books 2013 , 109-129		1
4	Response to "Influence of Diabetes on Antiplatelet Drug Efficacy". <i>Clinical Pharmacology and Therapeutics</i> , 2018 , 103, 573	6.1	
3	016 THE GENETICS OF GLYCAEMIC CONTROL AND HEART FAILURE ARE INTER-TWINED. <i>Heart</i> , 2013 , 99, A15.1-A15	5.1	
2	Secondary prevention for stroke and transient ischaemic attacks: Horizons needs expanding. <i>BMJ, The</i> , 2004 , 328, 896; author reply 897	5.9	
1	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	0.9	