Alexander S Doney

List of Publications by Year
in descending order

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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	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
2	A review of machine learning methods for retinal blood vessel segmentation and artery/vein classification. Medical Image Analysis, 2021, 68, 101905.	7.0	86
3	Phospholemman Phosphorylation Regulates Vascular Tone, Blood Pressure, and Hypertension in Mice and Humans. Circulation, 2021, 143, 1123-1138.	1.6	12
4	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.	3.0	56
5	Investigation of associations between retinal microvascular parameters and albuminuria in UK Biobank: a cross-sectional case-control study. BMC Nephrology, 2021, 22, 72.	0.8	7
6	Neutrophilâ€toâ€lymphocyte ratio and outcomes in patients with newâ€onset or worsening heart failure with reduced and preserved ejection fraction. ESC Heart Failure, 2021, 8, 3168-3179.	1.4	33
7	Precision Medicine and Adverse Drug Reactions Related to Cardiovascular Drugs. Diseases (Basel,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.0	3
8	The genomics of heart failure: design and rationale of the HERMES consortium. ESC Heart Failure, 2021, 8, 5531-5541.	1.4	11
9	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.	1.0	1
10	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.	0.7	4
11	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. Nature Communications, 2020, 11, 163.	5.8	466
12	PheGWAS: a new dimension to visualize GWAS across multiple phenotypes. Bioinformatics, 2020, 36, 2500-2505.	1.8	12
13	Genetic Risk of Diverticular Disease Predicts Early Stoppage of Nicorandil. Clinical Pharmacology and Therapeutics, 2020, 108, 1171-1175.	2.3	4
14	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.	0.7	3
15	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
16	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.	1.1	23
17	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
18	A multimodal approach to cardiovascular risk stratification in patients with type 2 diabetes incorporating retinal, genomic and clinical features. Scientific Reports, 2019, 9, 3591.	1.6	21

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19	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
20	Retinal microvascular parameters are not associated with reduced renal function in a study of individuals with type 2 diabetes. Scientific Reports, 2018, 8, 3931.	1.6	21
21	Response to â€œInfluence of Diabetes on Antiplatelet Drug Efficacyâ€. Clinical Pharmacology and Therapeutics, 2018, 103, 573-573.	2.3	0
22	Investigating Realâ€World Clopidogrel Pharmacogenetics in Stroke Using a Bioresource Linked to Electronic Medical Records. Clinical Pharmacology and Therapeutics, 2018, 103, 281-286.	2.3	19
23	A genomeâ€wide association study suggests new evidence for an association of the <scp>NADPH</scp> Oxidase 4 (<scp>NOX</scp>4) gene with severe diabetic retinopathy in type 2 diabetes. Acta Ophthalmologica, 2018, 96, e811-e819.	0.6	52
24	Cohort Profile: Genetics of Diabetes Audit and Research in Tayside Scotland (GoDARTS). International Journal of Epidemiology, 2018, 47, 380-381j.	0.9	59
25	Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. Nature Genetics, 2017, 49, 403-415.	9.4	492
26	Systematic Evaluation of Pleiotropy Identifies 6 Further Loci Associated WithÂCoronary ArteryÂDisease. Journal of the American College of Cardiology, 2017, 69, 823-836.	1.2	214
27	Meta-analysis of genome-wide association studies on the intolerance of angiotensin-converting enzyme inhibitors. Pharmacogenetics and Genomics, 2017, 27, 112-119.	0.7	16
28	Electronic case report forms and electronic data capture within clinical trials and pharmacoepidemiology. British Journal of Clinical Pharmacology, 2017, 83, 1880-1895.	1.1	27
29	Retinal Biomarker Discovery for Dementia in an Elderly Diabetic Population. Lecture Notes in Computer Science, 2017, , 150-158.	1.0	1
30	CKMGlu83Gly Is Associated With Blunted Creatine Kinase Variation, but Not With Myalgia. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	5
31	The genetic architecture of type 2 diabetes. Nature, 2016, 536, 41-47.	13.7	952
32	Coding Variation inANGPTL4,LPL,andSVEP1and the Risk of Coronary Disease. New England Journal of Medicine, 2016, 374, 1134-1144.	13.9	427
33	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. Nature Genetics, 2016, 48, 1151-1161.	9.4	261
34	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. Nature Genetics, 2016, 48, 1171-1184.	9.4	362
35	Mean <scp>HbA_{1c}</scp> and mortality in diabetic individuals with heart failure: a population cohort study. European Journal of Heart Failure, 2016, 18, 94-102.	2.9	76
36	A genome-wide association study identifies variants in KCNIP4 associated with ACE inhibitor-induced cough. Pharmacogenomics Journal, 2016, 16, 231-237.	0.9	47

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37	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	13.7	1,328
38	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	13.7	3,823
39	Both High and Low HbA1c Predict Incident Heart Failure in Type 2 Diabetes Mellitus. Circulation: Heart Failure, 2015, 8, 236-242.	1.6	41
40	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.	1.5	95
41	The future of pharmacogenetics in the treatment of heart failure. Pharmacogenomics, 2015, 16, 1817-1827.	0.6	7
42	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. Nature Genetics, 2015, 47, 1415-1425.	9.4	365
43	Pharmacogenetic meta-analysis of genome-wide association studies of LDL cholesterol response to statins. Nature Communications, 2014, 5, 5068.	5.8	216
44	Modulation of intracellular <scp>ATP</scp> 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.	2.1	22
45	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	9.4	1,818
46	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. Nature Genetics, 2014, 46, 234-244.	9.4	959
47	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
48	Exome sequencing-driven discovery of coding polymorphisms associated with common metabolic phenotypes. Diabetologia, 2013, 56, 298-310.	2.9	119
49	Novel VAMPIRE algorithms for quantitative analysis of the retinal vasculature. , 2013, , .		28
50	Discovery and refinement of loci associated with lipid levels. Nature Genetics, 2013, 45, 1274-1283.	9.4	2,641
51	Common variants associated with plasma triglycerides and risk for coronary artery disease. Nature Genetics, 2013, 45, 1345-1352.	9.4	754
52	Large-scale association analysis identifies new risk loci for coronary artery disease. Nature Genetics, 2013, 45, 25-33.	9.4	1,439
53	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.	3.0	33
54	State of Play of Pharmacogenetics and Personalized Medicine in Heart Failure. Cardiovascular Therapeutics, 2013, 31, 315-322.	1.1	8

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55	The Role of Adiposity in Cardiometabolic Traits: A Mendelian Randomization Analysis. PLoS Medicine, 2013, 10, e1001474.	3.9	178
56	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.	0.7	23
57	Glycemic Exposure and Blood Pressure Influencing Progression and Remission of Diabetic Retinopathy. Diabetes Care, 2013, 36, 3979-3984.	4.3	48
58	016 THE GENETICS OF GLYCAEMIC CONTROL AND HEART FAILURE ARE INTER-TWINED. Heart, 2013, 99, A15.1-A15.	1.2	0
59	Genetic Loci for Retinal Arteriolar Microcirculation. PLoS ONE, 2013, 8, e65804.	1.1	27
60	The Double-Edged Sword: Gaining Adenosine at the Expense of ATP. How to Balance the Books. , 2013, , 109-129.		1
61	Genome-Wide Association and Functional Follow-Up Reveals New Loci for Kidney Function. PLoS Genetics, 2012, 8, e1002584.	1.5	166
62	Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. Human Molecular Genetics, 2012, 21, 5329-5343.	1.4	64
63	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. Nature Genetics, 2012, 44, 991-1005.	9.4	746
64	Persistence, Adherence and Outcomes with Antiplatelet Regimens following Cerebral Infarction in the Tayside Stroke Cohort. Cerebrovascular Diseases, 2012, 33, 190-197.	0.8	13
65	011â€...HbA1c and mortality in diabetic individuals with heart failure: an observational cohort study. Heart, 2012, 98, A9.2-A10.	1.2	1
66	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. Nature Genetics, 2012, 44, 981-990.	9.4	1,748
67	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, 951-962.	4.9	445
68	The effect of vitamin D replacement on markers of vascular health in stroke patients â€“ A randomised controlled trial. Nutrition, Metabolism and Cardiovascular Diseases, 2012, 22, 864-870.	1.1	94
69	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.	1.1	78
70	Impact of Renin-Angiotensin System Blockade Therapy on Outcome in Aortic Stenosis. Journal of the American College of Cardiology, 2011, 58, 570-576.	1.2	142
71	The Impact of Renin-Angiotensin-Aldosterone System Blockade on Heart Failure Outcomes and Mortality in Patients Identified to Have Aortic Regurgitation. Journal of the American College of Cardiology, 2011, 58, 2084-2091.	1.2	68
72	Common variants near ATM are associated with glycemic response to metformin in type 2 diabetes. Nature Genetics, 2011, 43, 117-120.	9.4	390

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73	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, 210-216.	2.3	177
74	A role for coding functional variants in HNF4A in type 2 diabetes susceptibility. Diabetologia, 2011, 54, 111-119.	2.9	29
75	Intracellular ATP Influences Synaptic Plasticity in Area CA1 of Rat Hippocampus via Metabolism to Adenosine and Activity-Dependent Activation of Adenosine A₁Receptors. Journal of Neuroscience, 2011, 31, 6221-6234.	1.7	51
76	Antithrombotic medicines following intracerebral haemorrhage: where's the evidence?. Therapeutic Advances in Drug Safety, 2011, 2, 205-211.	1.0	5
77	Candidate Gene Association Study for Diabetic Retinopathy in Persons with Type 2 Diabetes: The Candidate Gene Association Resource (CARe). , 2011, 52, 7593.		82
78	VAMPIRE: Vessel assessment and measurement platform for images of the REtina. , 2011, 2011, 3391-4.		73
79	Genetic association analysis of LARS2 with type 2 diabetes. Diabetologia, 2010, 53, 103-110.	2.9	10
80	Effect of Metformin on Mortality in Patients With Heart Failure and Type 2 Diabetes Mellitus. American Journal of Cardiology, 2010, 106, 1006-1010.	0.7	89
81	The Tayside Stroke Cohort: exploiting advanced regional medical informatics to create a regionâ€wide database for studying the pharmacoepidemiology of stroke. Pharmacoepidemiology and Drug Safety, 2010, 19, 737-744.	0.9	10
82	Automated data capture from free-text radiology reports to enhance accuracy of hospital inpatient stroke codes. Pharmacoepidemiology and Drug Safety, 2010, 19, 843-847.	0.9	25
83	Loss-of-Function CYP2C9 Variants Improve Therapeutic Response to Sulfonylureas in Type 2 Diabetes: A Go-DARTS Study. Clinical Pharmacology and Therapeutics, 2010, 87, 52-56.	2.3	141
84	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. Nature Genetics, 2010, 42, 142-148.	9.4	591
85	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. Nature Genetics, 2010, 42, 579-589.	9.4	1,631
86	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
87	Prescribing Antiplatelet Medicine and Subsequent Events After Intracerebral Hemorrhage. Stroke, 2010, 41, 2606-2611.	1.0	71
88	Peroxisome Proliferator-Activated Receptor-Î´ 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.	1.8	22
89	Systematic Review of Observational Research Studying the Longâ€Term use of Antithrombotic Medicines Following Intracerebral Hemorrhage. Cardiovascular Therapeutics, 2010, 28, 177-184.	1.1	19
90	Pharmacogenetics Testing: Implications for Cardiovascular Therapeutics with Clopidogrel and Warfarin. Cardiovascular Therapeutics, 2010, 28, 135-138.	1.1	3

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91	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. Nature Genetics, 2010, 42, 105-116.	9.4	1,982
92	Genome-Wide Association Scan Meta-Analysis Identifies Three Loci Influencing Adiposity and Fat Distribution. PLoS Genetics, 2009, 5, e1000508.	1.5	453
93	Reduced-Function SLC22A1 Polymorphisms Encoding Organic Cation Transporter 1 and Glycemic Response to Metformin: A GoDARTS Study. Diabetes, 2009, 58, 1434-1439.	0.3	153
94	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, 13-19.	0.8	36
95	Adiposity-Related Heterogeneity in Patterns of Type 2 Diabetes Susceptibility Observed in Genome-Wide Association Data. Diabetes, 2009, 58, 505-510.	0.3	109
96	The FTO Gene Is Associated With an Atherogenic Lipid Profile and Myocardial Infarction in Patients With Type 2 Diabetes. Circulation: Cardiovascular Genetics, 2009, 2, 255-259.	5.1	52
97	A Single Nucleotide Polymorphism on Exon-4 of the Gene EncodingPPARÎ´ Is Associated with Reduced Height in Adults and Children. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 2587-2593.	1.8	15
98	Variants in MTNR1B influence fasting glucose levels. Nature Genetics, 2009, 41, 77-81.	9.4	662
99	An ion-pair reversed-phase HPLC method for determination of fresh tissue adenine nucleotides avoiding freezeâ€“thaw degradation of ATP. Analytical Biochemistry, 2009, 388, 108-114.	1.1	48
100	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, 747-753.	1.2	84
101	The Y402H variant of complement factor H is associated with ageâ€related macular degeneration but not with diabetic retinal disease in the Goâ€DARTS study. Diabetic Medicine, 2009, 26, 460-465.	1.2	7
102	US and Scottish Health Professionals' Attitudes toward DNA Biobanking. Journal of the American Medical Informatics Association: JAMIA, 2008, 15, 357-362.	2.2	15
103	Common variants near MC4R are associated with fat mass, weight and risk of obesity. Nature Genetics, 2008, 40, 768-775.	9.4	1,179
104	Longâ€term adherence to statin treatment in diabetes. Diabetic Medicine, 2008, 25, 850-855.	1.2	74
105	The cost of cerebral ischaemia. Neuropharmacology, 2008, 55, 250-256.	2.0	190
106	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.	9.4	1,683
107	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, 1021-1026.	0.7	73
108	Apolipoprotein E genotypes are associated with lipid-lowering responses to statin treatment in diabetes: a Go-DARTS study. Pharmacogenetics and Genomics, 2008, 18, 279-287.	0.7	52

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109	Variation in TCF7L2 Influences Therapeutic Response to Sulfonylureas. Diabetes, 2007, 56, 2178-2182.	0.3	284
110	A Common Variant in the FTO Gene Is Associated with Body Mass Index and Predisposes to Childhood and Adult Obesity. Science, 2007, 316, 889-894.	6.0	3,884
111	Replication of Genome-Wide Association Signals in UK Samples Reveals Risk Loci for Type 2 Diabetes. Science, 2007, 316, 1336-1341.	6.0	2,040
112	PPARG Locus Haplotype Variation and Exacerbations in Asthma. Clinical Pharmacology and Therapeutics, 2007, 81, 713-718.	2.3	27
113	TCF7L2 in the Go-DARTS study: evidence for a gene dose effect on both diabetes susceptibility and control of glucose levels. Diabetologia, 2007, 50, 1186-1191.	2.9	74
114	The effect of obesity on glycaemic response to metformin or sulphonylureas in Type 2 diabetes. Diabetic Medicine, 2006, 23, 128-133.	1.2	79
115	Glutathione S-Transferase M1 and P1 Genotype, Passive Smoking, and Peak Expiratory Flow in Asthma. Pediatrics, 2006, 118, 710-716.	1.0	67
116	The Pro12Ala and Câ€“681G variants of the PPARG locus are associated with opposing growth phenotypes in young schoolchildren. Diabetologia, 2005, 48, 1496-1502.	2.9	37
117	Increased Cardiovascular Morbidity and Mortality in Type 2 Diabetes Is Associated With the Glutathione S Transferase Thetaâ€“Null Genotype. Circulation, 2005, 111, 2927-2934.	1.6	96
118	Cardiovascular Risk in Type 2 Diabetes Is Associated With Variation at the PPARG Locus. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 2403-2407.	1.1	86
119	Association of the Pro12Ala and C1431T variants of PPARG and their haplotypes with susceptibility to Type 2 diabetes. Diabetologia, 2004, 47, 555-558.	2.9	122
120	Secondary prevention for stroke and transient ischaemic attacks. BMJ: British Medical Journal, 2004, 328, 896.2.	2.4	0
121	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
122	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
123	Haplotype analysis of the PPARgamma Pro12Ala and C1431T variants reveals opposing associations with body weight. BMC Genetics, 2002, 3, 21.	2.7	113