

Ewan R Pearson

List of Publications by Year in Descending Order

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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.

136
papers

7,311
citations

37
h-index

85
g-index

148
ext. papers

9,249
ext. citations

10.4
avg, IF

6.15
L-index

#	Paper	IF	Citations
136	Four groups of type 2 diabetes contribute to the etiological and clinical heterogeneity in newly diagnosed individuals: An IMI DIRECT study.. <i>Cell Reports Medicine</i> , 2022 , 3, 100477	18	1
135	The impact of birthweight on subsequent phenotype of type 2 diabetes in later life.. <i>Diabetic Medicine</i> , 2022 , e14792	3.5	0
134	Young-onset diabetes in Asian Indians is associated with lower measured and genetically determined beta cell function.. <i>Diabetologia</i> , 2022 , 1	10.3	3
133	Response to Comment on Dawed et al. Genome-Wide Meta-analysis Identifies Genetic Variants Associated With Glycemic Response to Sulfonylureas. <i>Diabetes Care</i> 2021;44:2673-2682.. <i>Diabetes Care</i> , 2022 , 45, e82-e83	14.6	
132	Heterogeneity in phenotype, disease progression and drug response in type 2 diabetes.. <i>Nature Medicine</i> , 2022 , 28, 982-988	50.5	3
131	Precision Medicine in Diabetes. <i>Handbook of Experimental Pharmacology</i> , 2022 ,	3.2	
130	Elevated circulating follistatin associates with an increased risk of type 2 diabetes. <i>Nature Communications</i> , 2021 , 12, 6486	17.4	2
129	Association of Genetic Variant at Chromosome 12q23.1 With Neuropathic Pain Susceptibility. <i>JAMA Network Open</i> , 2021 , 4, e2136560	10.4	0
128	Processes Underlying Glycemic Deterioration in Type 2 Diabetes: An IMI DIRECT Study. <i>Diabetes Care</i> , 2021 , 44, 511-518	14.6	6
127	Genome-Wide Meta-analysis Identifies Genetic Variants Associated With Glycemic Response to Sulfonylureas. <i>Diabetes Care</i> , 2021 , 44, 2673-2682	14.6	5
126	Dorothy Hodgkin Lecture 2021: Drugs, genes and diabetes. <i>Diabetic Medicine</i> , 2021 , 38, e14726	3.5	1
125	In a cohort of individuals with type 2 diabetes using the drug sulfasalazine, HbA lowering is associated with haematological changes. <i>Diabetic Medicine</i> , 2021 , 38, e14463	3.5	1
124	The Impact of Low-dose Gliclazide on the Incretin Effect and Indices of Beta-cell Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, 2036-2046	5.6	1
123	Interaction between Omeprazole and Gliclazide in Relation to CYP2C19 Phenotype. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	2
122	Cohort profile: DOLORisk Dundee: a longitudinal study of chronic neuropathic pain. <i>BMJ Open</i> , 2021 , 11, e042887	3	2
121	Polymorphism in Locus Modifies Risk of Atrial Fibrillation in Patients on Thyroid Hormone Replacement Therapy. <i>Frontiers in Genetics</i> , 2021 , 12, 652878	4.5	0
120	The role of genetics in fetal programming of adult cardiometabolic disease. <i>Journal of Developmental Origins of Health and Disease</i> , 2021 , 1-8	2.4	2

119	Replication and cross-validation of type 2 diabetes subtypes based on clinical variables: an IMI-RHAPSODY study. <i>Diabetologia</i> , 2021 , 64, 1982-1989	10.3	11
118	Utilizing Large Electronic Medical Record Data Sets to Identify Novel Drug-Gene Interactions for Commonly Used Drugs. <i>Clinical Pharmacology and Therapeutics</i> , 2021 , 110, 816-825	6.1	0
117	Profiles of Glucose Metabolism in Different Prediabetes Phenotypes, Classified by Fasting Glycemia, 2-Hour OGTT, Glycated Hemoglobin, and 1-Hour OGTT: An IMI DIRECT Study. <i>Diabetes</i> , 2021 , 70, 2092-2106	0.9	4
116	Using machine learning approaches for multi-omics data analysis: A review. <i>Biotechnology Advances</i> , 2021 , 49, 107739	17.8	40
115	A Polygenic Score for Type 2 Diabetes Risk Is Associated With Both the Acute and Sustained Response to Sulfonylureas. <i>Diabetes</i> , 2021 , 70, 293-300	0.9	5
114	Genome-Wide Association Analysis of Pancreatic Beta-Cell Glucose Sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, 80-90	5.6	2
113	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
112	The genetic association of the transcription factor NPAT with glycemic response to metformin involves regulation of fuel selection. <i>PLoS ONE</i> , 2021 , 16, e0253533	3.7	
111	Distinct Molecular Signatures of Clinical Clusters in People With Type 2 Diabetes: An IMI-RHAPSODY Study. <i>Diabetes</i> , 2021 , 70, 2683-2693	0.9	4
110	Evidence of a Causal Relationship between Serum Thyroid-Stimulating Hormone and Osteoporotic Bone Fractures.. <i>European Thyroid Journal</i> , 2021 , 10, 439-446	4.2	0
109	Genetic Risk of Diverticular Disease Predicts Early Stoppage of Nicorandil. <i>Clinical Pharmacology and Therapeutics</i> , 2020 , 108, 1171-1175	6.1	2
108	Precision medicine in diabetes: a Consensus Report from the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD). <i>Diabetologia</i> , 2020 , 63, 1671-1693	10.3	33
107	Precision Medicine in Diabetes: A Consensus Report From the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD). <i>Diabetes Care</i> , 2020 , 43, 1617-1635	14.6	75
106	Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts. <i>PLoS Medicine</i> , 2020 , 17, e1003149	11.6	18
105	Dapagliflozin Versus Placebo on Left Ventricular Remodeling in Patients With Diabetes and Heart Failure: The REFORM Trial. <i>Diabetes Care</i> , 2020 , 43, 1356-1359	14.6	48
104	The role of physical activity in metabolic homeostasis before and after the onset of type 2 diabetes: an IMI DIRECT study. <i>Diabetologia</i> , 2020 , 63, 744-756	10.3	4
103	Risk factors for genital infections in people initiating SGLT2 inhibitors and their impact on discontinuation. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	14
102	Post-load glucose subgroups and associated metabolic traits in individuals with type 2 diabetes: An IMI-DIRECT study. <i>PLoS ONE</i> , 2020 , 15, e0242360	3.7	2

101	Visit-to-Visit HbA Variability Is Associated With Cardiovascular Disease and Microvascular Complications in Patients With Newly Diagnosed Type 2 Diabetes. <i>Diabetes Care</i> , 2020 , 43, 426-432	14.6	42
100	Metformin increases fasting glucose clearance and endogenous glucose production in non-diabetic individuals. <i>Diabetologia</i> , 2020 , 63, 444-447	10.3	13
99	Reducing Glut2 throughout the body does not result in cognitive behaviour differences in aged male mice. <i>BMC Research Notes</i> , 2020 , 13, 438	2.3	0
98	Efficacy of Modern Diabetes Treatments DPP-4i, SGLT-2i, and GLP-1RA in White and Asian Patients With Diabetes: A Systematic Review and Meta-analysis of Randomized Controlled Trials. <i>Diabetes Care</i> , 2020 , 43, 1948-1957	14.6	21
97	Predicting post one-year durability of glucose-lowering monotherapies in patients with newly-diagnosed type 2 diabetes mellitus - A MASTERMIND precision medicine approach (UKPDS 87). <i>Diabetes Research and Clinical Practice</i> , 2020 , 166, 108333	7.4	2
96	Monogenic Diabetes: From Genetic Insights to Population-Based Precision in Care. Reflections From a EditorsRExpert Forum. <i>Diabetes Care</i> , 2020 , 43, 3117-3128	14.6	23
95	Whole blood co-expression modules associate with metabolic traits and type 2 diabetes: an IMI-DIRECT study. <i>Genome Medicine</i> , 2020 , 12, 109	14.4	3
94	Response to Comment on Gan et al. Efficacy of Modern Diabetes Treatments DPP-4i, SGLT-2i, and GLP-1RA in White and Asian Patients With Diabetes: A Systematic Review and Meta-analysis of Randomized Controlled Trials. <i>Diabetes Care</i> 2020;43:1948-1957. <i>Diabetes Care</i> , 2020 , 43, e202-e203	14.6	
93	Dietary metabolite profiling brings new insight into the relationship between nutrition and metabolic risk: An IMI DIRECT study. <i>EBioMedicine</i> , 2020 , 58, 102932	8.8	2
92	Obesity, clinical, and genetic predictors for glycemic progression in Chinese patients with type 2 diabetes: A cohort study using the Hong Kong Diabetes Register and Hong Kong Diabetes Biobank. <i>PLoS Medicine</i> , 2020 , 17, e1003209	11.6	15
91	Risk of Anemia With Metformin Use in Type 2 Diabetes: A MASTERMIND Study. <i>Diabetes Care</i> , 2020 , 43, 2493-2499	14.6	10
90	Novel subgroups of type 2 diabetes and their association with microvascular outcomes in an Asian Indian population: a data-driven cluster analysis: the INSPIRED study. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	41
89	Strategies to identify individuals with monogenic diabetes: results of an economic evaluation. <i>BMJ Open</i> , 2020 , 10, e034716	3	5
88	Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts 2020 , 17, e1003149		
87	Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts 2020 , 17, e1003149		
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84	Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts 2020 , 17, e1003149		

83	Motivations for data sharing-views of research participants from four European countries: A DIRECT study. <i>European Journal of Human Genetics</i> , 2019 , 27, 721-729	5.3	14
82	Discovery of biomarkers for glycaemic deterioration before and after the onset of type 2 diabetes: descriptive characteristics of the epidemiological studies within the IMI DIRECT Consortium. <i>Diabetologia</i> , 2019 , 62, 1601-1615	10.3	14
81	Genetic studies of abdominal MRI data identify genes regulating hepcidin as major determinants of liver iron concentration. <i>Journal of Hepatology</i> , 2019 , 71, 594-602	13.4	10
80	Type 2 diabetes: a multifaceted disease. <i>Diabetologia</i> , 2019 , 62, 1107-1112	10.3	55
79	Diabetes: Is There a Future for Pharmacogenomics Guided Treatment?. <i>Clinical Pharmacology and Therapeutics</i> , 2019 , 106, 329-337	6.1	18
78	Variation in the Plasma Membrane Monoamine Transporter (PMAT) (Encoded by) and Organic Cation Transporter 1 (OCT1) (Encoded by) and Gastrointestinal Intolerance to Metformin in Type 2 Diabetes: An IMI DIRECT Study. <i>Diabetes Care</i> , 2019 , 42, 1027-1033	14.6	20
77	Time trends in prescribing of type 2 diabetes drugs, glycaemic response and risk factors: A retrospective analysis of primary care data, 2010-2017. <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 1576-1584	6.7	34
76	What to do with diabetes therapies when HbA1c lowering is inadequate: add, switch, or continue? A MASTERMIND study. <i>BMC Medicine</i> , 2019 , 17, 79	11.4	6
75	4th ESPT Conference: pharmacogenomics and personalized medicine research progress and clinical implementation. <i>Pharmacogenomics</i> , 2019 , 20, 1063-1069	2.6	1
74	Circulating Tissue Factor-Positive Procoagulant Microparticles in Patients with Type 1 Diabetes. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2019 , 12, 2819-2828	3.4	3
73	Development and validation of multivariable clinical diagnostic models to identify type 1 diabetes requiring rapid insulin therapy in adults aged 18-50 years. <i>BMJ Open</i> , 2019 , 9, e031586	3	19
72	Zinc Transporter 8 Autoantibodies (ZnT8A) and a Type 1 Diabetes Genetic Risk Score Can Exclude Individuals With Type 1 Diabetes From Inappropriate Genetic Testing for Monogenic Diabetes. <i>Diabetes Care</i> , 2019 , 42, e16-e17	14.6	15
71	Reflections on the sulphonylurea story: A drug class at risk of extinction or a drug class worth reviving?. <i>Diabetes, Obesity and Metabolism</i> , 2019 , 21, 761-771	6.7	5
70	Genome-Wide and Abdominal MRI Data Provide Evidence That a Genetically Determined Favorable Adiposity Phenotype Is Characterized by Lower Ectopic Liver Fat and Lower Risk of Type 2 Diabetes, Heart Disease, and Hypertension. <i>Diabetes</i> , 2019 , 68, 207-219	0.9	46
69	A Type 1 Diabetes Genetic Risk Score Can Identify Patients With GAD65 Autoantibody-Positive Type 2 Diabetes Who Rapidly Progress to Insulin Therapy. <i>Diabetes Care</i> , 2019 , 42, 208-214	14.6	20
68	Sharing data for future research-engaging participantsViews about data governance beyond the original project: a DIRECT Study. <i>Genetics in Medicine</i> , 2019 , 21, 1131-1138	8.1	21
67	Pharmacogenetics and target identification in diabetes. <i>Current Opinion in Genetics and Development</i> , 2018 , 50, 68-73	4.9	8
66	Genetic Variants in and Are Associated With Variation in Response to Metformin in Individuals With Type 2 Diabetes. <i>Diabetes</i> , 2018 , 67, 1428-1440	0.9	18

65	Formalising recall by genotype as an efficient approach to detailed phenotyping and causal inference. <i>Nature Communications</i> , 2018 , 9, 711	17.4	35
64	Precision Medicine in Type 2 Diabetes: Clinical Markers of Insulin Resistance Are Associated With Altered Short- and Long-term Glycemic Response to DPP-4 Inhibitor Therapy. <i>Diabetes Care</i> , 2018 , 41, 705-712	14.6	36
63	Rates of glycaemic deterioration in a real-world population with type 2 diabetes. <i>Diabetologia</i> , 2018 , 61, 607-615	10.3	26
62	Quantitative MRI evaluation of whole abdomen adipose tissue volumes in healthy volunteers-validation of technique and implications for clinical studies. <i>British Journal of Radiology</i> , 2018 , 91, 20180025	3.4	4
61	Interaction between variants in the CYP2C9 and POR genes and the risk of sulfonylurea-induced hypoglycaemia: A GoDARTS Study. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 211-214	6.7	18
60	Metabolite ratios as potential biomarkers for type 2 diabetes: a DIRECT study. <i>Diabetologia</i> , 2018 , 61, 117-129	10.3	21
59	Sex and BMI Alter the Benefits and Risks of Sulfonylureas and Thiazolidinediones in Type 2 Diabetes: A Framework for Evaluating Stratification Using Routine Clinical and Individual Trial Data. <i>Diabetes Care</i> , 2018 , 41, 1844-1853	14.6	43
58	Performance of Cardiovascular Disease Risk Scores in People Diagnosed With Type 2 Diabetes: External Validation Using Data From the National Scottish Diabetes Register. <i>Diabetes Care</i> , 2018 , 41, 2010-2018	14.6	26
57	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
56	Effectiveness and safety of long-term treatment with sulfonylureas in patients with neonatal diabetes due to KCNJ11 mutations: an international cohort study. <i>Lancet Diabetes and Endocrinology</i> , 2018 , 6, 637-646	18.1	77
55	C-Peptide Decline in Type 1 Diabetes Has Two Phases: An Initial Exponential Fall and a Subsequent Stable Phase. <i>Diabetes Care</i> , 2018 , 41, 1486-1492	14.6	54
54	The search for predictive metabolic biomarkers for incident T2DM. <i>Nature Reviews Endocrinology</i> , 2018 , 14, 444-446	15.2	3
53	Integrative network analysis highlights biological processes underlying GLP-1 stimulated insulin secretion: A DIRECT study. <i>PLoS ONE</i> , 2018 , 13, e0189886	3.7	5
52	Evaluating associations between the benefits and risks of drug therapy in type 2 diabetes: a joint modeling approach. <i>Clinical Epidemiology</i> , 2018 , 10, 1869-1877	5.9	8
51	The governance structure for data access in the DIRECT consortium: an innovative medicines initiative (IMI) project. <i>Life Sciences, Society and Policy</i> , 2018 , 14, 20	3.2	5
50	A UK nationwide prospective study of treatment change in MODY: genetic subtype and clinical characteristics predict optimal glycaemic control after discontinuing insulin and metformin. <i>Diabetologia</i> , 2018 , 61, 2520-2527	10.3	38
49	Acute kidney injury, plasma lactate concentrations and lactic acidosis in metformin users: A GoDarts study. <i>Diabetes, Obesity and Metabolism</i> , 2017 , 19, 1579-1586	6.7	31
48	A Genome-Wide Association Study of IVGTT-Based Measures of First-Phase Insulin Secretion Refines the Underlying Physiology of Type 2 Diabetes Variants. <i>Diabetes</i> , 2017 , 66, 2296-2309	0.9	69

47	Predicting glycated hemoglobin levels in the non-diabetic general population: Development and validation of the DIRECT-DETECT prediction model - a DIRECT study. <i>PLoS ONE</i> , 2017 , 12, e0171816	3.7	10
46	Evidence-based prioritisation and enrichment of genes interacting with metformin in type 2 diabetes. <i>Diabetologia</i> , 2017 , 60, 2231-2239	10.3	4
45	Costs and Treatment Pathways for Type 2 Diabetes in the UK: A Mastermind Cohort Study. <i>Diabetes Therapy</i> , 2017 , 8, 1031-1045	3.6	8
44	The mechanisms of action of metformin. <i>Diabetologia</i> , 2017 , 60, 1577-1585	10.3	870
43	Glu83Gly Is Associated With Blunted Creatine Kinase Variation, but Not With Myalgia. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		2
42	Population-Based Assessment of a Biomarker-Based Screening Pathway to Aid Diagnosis of Monogenic Diabetes in Young-Onset Patients. <i>Diabetes Care</i> , 2017 , 40, 1017-1025	14.6	73
41	Sustained influence of metformin therapy on circulating glucagon-like peptide-1 levels in individuals with and without type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2017 , 19, 356-363	6.7	35
40	Defining drug response for stratified medicine. <i>Drug Discovery Today</i> , 2017 , 22, 173-179	8.8	13
39	A common missense variant of LILRB5 is associated with statin intolerance and myalgia. <i>European Heart Journal</i> , 2017 , 38, 3569-3575	9.5	25
38	Quantifying the extent to which index event biases influence large genetic association studies. <i>Human Molecular Genetics</i> , 2017 , 26, 1018-1030	5.6	30
37	Statistical power considerations in genotype-based recall randomized controlled trials. <i>Scientific Reports</i> , 2016 , 6, 37307	4.9	7
36	CYP2C8 and SLCO1B1 Variants and Therapeutic Response to Thiazolidinediones in Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2016 , 39, 1902-1908	14.6	40
35	Systematic Population Screening, Using Biomarkers and Genetic Testing, Identifies 2.5% of the U.K. Pediatric Diabetes Population With Monogenic Diabetes. <i>Diabetes Care</i> , 2016 , 39, 1879-1888	14.6	117
34	Metformin and the gastrointestinal tract. <i>Diabetologia</i> , 2016 , 59, 426-35	10.3	330
33	Adherence to Oral Glucose-Lowering Therapies and Associations With 1-Year HbA1c: A Retrospective Cohort Analysis in a Large Primary Care Database. <i>Diabetes Care</i> , 2016 , 39, 258-263	14.6	57
32	Should Studies of Diabetes Treatment Stratification Correct for Baseline HbA1c?. <i>PLoS ONE</i> , 2016 , 11, e0152428	3.7	21
31	Crossover studies can help the individualisation of care in type 2 diabetes: the MASTERMIND approach. <i>Practical Diabetes</i> , 2016 , 33, 115-117	0.7	
30	Research into the effect Of SGLT2 inhibition on left ventricular remodelling in patients with heart failure and diabetes mellitus (REFORM) trial rationale and design. <i>Cardiovascular Diabetology</i> , 2016 , 15, 97	8.7	41

29	Pharmacogenomics in diabetes mellitus: insights into drug action and drug discovery. <i>Nature Reviews Endocrinology</i> , 2016 , 12, 337-46	15.2	36
28	Genetic Evidence for a Link Between Favorable Adiposity and Lower Risk of Type 2 Diabetes, Hypertension, and Heart Disease. <i>Diabetes</i> , 2016 , 65, 2448-60	0.9	86
27	Effect of Serotonin Transporter 5-HTTLPR Polymorphism on Gastrointestinal Intolerance to Metformin: A GoDARTS Study. <i>Diabetes Care</i> , 2016 , 39, 1896-1901	14.6	31
26	Variation in the glucose transporter gene SLC2A2 is associated with glycemic response to metformin. <i>Nature Genetics</i> , 2016 , 48, 1055-1059	36.3	108
25	Association of Organic Cation Transporter 1 With Intolerance to Metformin in Type 2 Diabetes: A GoDARTS Study. <i>Diabetes</i> , 2015 , 64, 1786-93	0.9	141
24	Dissecting the Etiology of Type 2 Diabetes in the Pima Indian Population. <i>Diabetes</i> , 2015 , 64, 3993-5	0.9	6
23	Most people with long-duration type 1 diabetes in a large population-based study are insulin microsecretors. <i>Diabetes Care</i> , 2015 , 38, 323-8	14.6	76
22	Discovery of biomarkers for glycaemic deterioration before and after the onset of type 2 diabetes: rationale and design of the epidemiological studies within the IMI DIRECT Consortium. <i>Diabetologia</i> , 2014 , 57, 1132-42	10.3	39
21	Zinc transport and diabetes risk. <i>Nature Genetics</i> , 2014 , 46, 323-4	36.3	15
20	Clinical and genetic determinants of progression of type 2 diabetes: a DIRECT study. <i>Diabetes Care</i> , 2014 , 37, 718-724	14.6	45
19	Heritability of variation in glycaemic response to metformin: a genome-wide complex trait analysis. <i>Lancet Diabetes and Endocrinology</i> , 2014 , 2, 481-7	18.1	76
18	PS7 - 3. Predicting Glycated Haemoglobin in the Non-Diabetic General Population: a DIRECT Study. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2013 , 11, 154-154	0	
17	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. <i>Nature Genetics</i> , 2013 , 45, 76-82	36.3	232
16	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
15	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
14	Pharmacogenetics and future strategies in treating hyperglycaemia in diabetes. <i>Frontiers in Bioscience - Landmark</i> , 2009 , 14, 4348-62	2.8	12
13	No differences in mortality between users of pancreatic-specific and non-pancreatic-specific sulphonylureas: a cohort analysis. <i>Diabetes, Obesity and Metabolism</i> , 2008 , 10, 350-2	6.7	20
12	Macrosomia and hyperinsulinaemic hypoglycaemia in patients with heterozygous mutations in the HNF4A gene. <i>PLoS Medicine</i> , 2007 , 4, e118	11.6	279

11	Variation in TCF7L2 influences therapeutic response to sulfonylureas: a GoDARTs study. <i>Diabetes</i> , 2007 , 56, 2178-82	0.9	251
10	Switching from insulin to oral sulfonylureas in patients with diabetes due to Kir6.2 mutations. <i>New England Journal of Medicine</i> , 2006 , 355, 467-77	59.2	740
9	Relapsing diabetes can result from moderately activating mutations in KCNJ11. <i>Human Molecular Genetics</i> , 2005 , 14, 925-34	5.6	165
8	Contrasting diabetes phenotypes associated with hepatocyte nuclear factor-1alpha and -1beta mutations. <i>Diabetes Care</i> , 2004 , 27, 1102-7	14.6	99
7	Activating mutations in the gene encoding the ATP-sensitive potassium-channel subunit Kir6.2 and permanent neonatal diabetes. <i>New England Journal of Medicine</i> , 2004 , 350, 1838-49	59.2	930
6	Genetic cause of hyperglycaemia and response to treatment in diabetes. <i>Lancet, The</i> , 2003 , 362, 1275-81	40	437
5	Derivation and validation of a type 2 diabetes treatment selection algorithm for SGLT2-inhibitor and DPP4-inhibitor therapies based on glucose-lowering efficacy: cohort study using trial and routine clinical data		1
4	Replication and cross-validation of T2D subtypes based on clinical variables: an IMI-RHAPSODY study		1
3	Genetic analysis of blood molecular phenotypes reveals regulatory networks affecting complex traits: a DIRECT study		1
2	Young onset diabetes in Asian Indians is associated with lower measured and genetically determined beta-cell function: an INSPIRED study		1
1	A roadmap to achieve pharmacological precision medicine in diabetes. <i>Diabetologia</i> ,	10.3	1