Oluf Borbye Pedersen

List of Publications by Year in Descending Order

685 papers	78,682 citations	111 h-index	269 g-index
735 ext. papers	95,381 ext. citations	10.2 avg, IF	7.58 L-index

#	Paper	IF	Citations
685	Four groups of type 2 diabetes contribute to the etiological and clinical heterogeneity in newly diagnosed individuals: An IMI DIRECT study.. *Cell Reports Medicine*, **2022**, 3, 100477	18	1
684	Association of milk intake with hay fever, asthma, and lung function: a Mendelian randomization analysis.. *European Journal of Epidemiology*, **2022**, 1	12.1	0
683	Successful treatment of psoriasis with adalimumab induced no changes in the gut microbiota.. *Journal of the European Academy of Dermatology and Venereology*, **2022**,	4.6	0
682	Alteration of gut microbiome in patients with schizophrenia indicates links between bacterial tyrosine biosynthesis and cognitive dysfunction. *Biological Psychiatry Global Open Science*, **2022**,		2
681	Impairment of gut microbial biotin metabolism and host biotin status in severe obesity: effect of biotin and prebiotic supplementation on improved metabolism.. *Gut*, **2022**,	19.2	5
680	Metabolomic and microbiome profiling reveals personalized risk factors for coronary artery disease.. *Nature Medicine*, **2022**,	50.5	7
679	Microbiome and metabolome features of the cardiometabolic disease spectrum.. *Nature Medicine*, **2022**,	50.5	4
678	The Arg82Cys Polymorphism of the Protein Nepmucin Implies a Role in HDL Metabolism.. *Journal of the Endocrine Society*, **2022**, 6, bvac034	0.4	0
677	Patients with psoriasis have a dysbiotic taxonomic and functional gut microbiota.. *British Journal of Dermatology*, **2022**,	4	1
676	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. *Nature Genetics*, **2022**,	36.3	7
675	The power of genetic diversity in genome-wide association studies of lipids. *Nature*, **2021**,	50.4	24
674	Combinatorial, additive and dose-dependent drug-microbiome associations. *Nature*, **2021**,	50.4	11
673	Interaction of Diet/Lifestyle Intervention and TCF7L2 Genotype on Glycemic Control and Adiposity among Overweight or Obese Adults: Big Data from Seven Randomized Controlled Trials Worldwide. *Health Data Science*, **2021**, 2021, 1-10		
672	Recessive Genome-wide Meta-analysis Illuminates Genetic Architecture of Type 2 Diabetes. *Diabetes*, **2021**,	0.9	0
671	Processes Underlying Glycemic Deterioration in Type 2 Diabetes: An IMI DIRECT Study. *Diabetes Care*, **2021**, 44, 511-518	14.6	6
670	Non-linear interaction between physical activity and polygenic risk score of body mass index in Danish and Russian populations. *PLoS ONE*, **2021**, 16, e0258748	3.7	
669	Trans-ethnic gut microbiota signatures of type 2 diabetes in Denmark and India. *Genome Medicine*, **2021**, 13, 37	14.4	12

668	Physical activity attenuates postprandial hyperglycaemia in homozygous TBC1D4 loss-of-function mutation carriers. *Diabetologia*, **2021**, 64, 1795-1804	10.3	3
667	FGL1 as a modulator of plasma D-dimer levels: Exome-wide marker analysis of plasma tPA, PAI-1, and D-dimer. *Journal of Thrombosis and Haemostasis*, **2021**, 19, 2019-2028	15.4	1
666	Genetic markers of abdominal obesity and weight loss after gastric bypass surgery. *PLoS ONE*, **2021**, 16, e0252525	3.7	0
665	Human and preclinical studies of the host-gut microbiome co-metabolite hippurate as a marker and mediator of metabolic health. *Gut*, **2021**, 70, 2105-2114	19.2	13
664	The trans-ancestral genomic architecture of glycemic traits. *Nature Genetics*, **2021**, 53, 840-860	36.3	44
663	AuthorsQreply to KahnQ comment. *Nutrition, Metabolism and Cardiovascular Diseases*, **2021**, 31, 1940-1941	4.5	
662	Lipolysis drives expression of the constitutively active receptor GPR3 to induce adipose thermogenesis. *Cell*, **2021**, 184, 3502-3518.e33	56.2	23
661	Conjugated C-6 hydroxylated bile acids in serum relate to human metabolic health and gut Clostridia species. *Scientific Reports*, **2021**, 11, 13252	4.9	0
660	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes. *Nature Communications*, **2021**, 12, 3505	17.4	5
659	Ocular Surface Microbiota in Contact Lens Users and Contact-Lens-Associated Bacterial Keratitis. *Vision (Switzerland)*, **2021**, 5,	2.3	2
658	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. *Diabetes*, **2021**, 70, 2092-2106	0.9	4
657	Ocular surface microbiota in patients with aqueous tear-deficient dry eye. *Ocular Surface*, **2021**, 19, 210-217	6.5	15
656	Superficial fungal infections and patients with hidradenitis suppurativa: a study under the Danish Blood Donor Study. *Clinical and Experimental Dermatology*, **2021**, 46, 571-573	1.8	
655	Obesity treatment effect in Danish children and adolescents carrying Melanocortin-4 Receptor mutations. *International Journal of Obesity*, **2021**, 45, 66-76	5.5	2
654	Sagittal abdominal diameter and waist circumference appear to be equally good as identifiers of cardiometabolic risk. *Nutrition, Metabolism and Cardiovascular Diseases*, **2021**, 31, 518-527	4.5	7
653	Genome-Wide Association Analysis of Pancreatic Beta-Cell Glucose Sensitivity. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, 80-90	5.6	2
652	Gut microbiota in human metabolic health and disease. *Nature Reviews Microbiology*, **2021**, 19, 55-71	22.2	487
651	A diet-induced gut microbiota component and related plasma metabolites are associated with depressive-like behaviour in rats. *European Neuropsychopharmacology*, **2021**, 43, 10-21	1.2	7

650	Large-scale association analyses identify host factors influencing human gut microbiome composition. *Nature Genetics*, **2021**, 53, 156-165	36.3	80
649	Genome-wide association study of circulating levels of glucagon during an oral glucose tolerance test. *BMC Medical Genomics*, **2021**, 14, 3	3.7	0
648	Fasting Plasma GLP-1 Is Associated With Overweight/Obesity and Cardiometabolic Risk Factors in Children and Adolescents. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, 1718-1727	5.6	3
647	Trans-ethnic gut microbial signatures of prediabetic subjects from India and Denmark. *Genome Medicine*, **2021**, 13, 36	14.4	13
646	Plasma trimethylamine N-oxide and its metabolic precursors and risk of mortality, cardiovascular and renal disease in individuals with type 2-diabetes and albuminuria. *PLoS ONE*, **2021**, 16, e0244402	3.7	8
645	Affective disorders impact prevalence of Flavonifractor and abundance of Christensenellaceae in gut microbiota. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2021**, 110, 110300	5.5	3
644	Role of fasting duration and weekday in incretin and glucose regulation. *Endocrine Connections*, **2021**, 10, X2-X3	3.5	78
643	Statin therapy is associated with lower prevalence of gut microbiota dysbiosis. *Nature*, **2020**, 581, 310-315	50.4	100
642	Skeletal muscle enhancer interactions identify genes controlling whole-body metabolism. *Nature Communications*, **2020**, 11, 2695	17.4	14
641	Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts. *PLoS Medicine*, **2020**, 17, e1003149	11.6	18
640	The role of physical activity in metabolic homeostasis before and after the onset of type 2 diabetes: an IMI DIRECT study. *Diabetologia*, **2020**, 63, 744-756	10.3	4
639	A mutation map for human glycoside hydrolase genes. *Glycobiology*, **2020**, 30, 500-515	5.8	2
638	The derived allele of a novel intergenic variant at chromosome 11 associates with lower body mass index and a favorable metabolic phenotype in Greenlanders. *PLoS Genetics*, **2020**, 16, e1008544	6	1
637	Gestational diabetes and the human salivary microbiota: a longitudinal study during pregnancy and postpartum. *BMC Pregnancy and Childbirth*, **2020**, 20, 69	3.2	8
636	Aberrant gut microbiota alters host metabolome and impacts renal failure in humans and rodents. *Gut*, **2020**, 69, 2131-2142	19.2	81
635	Role of fasting duration and weekday in incretin and glucose regulation. *Endocrine Connections*, **2020**, 9, 279-288	3.5	2
634	Post-load glucose subgroups and associated metabolic traits in individuals with type 2 diabetes: An IMI-DIRECT study. *PLoS ONE*, **2020**, 15, e0242360	3.7	2
633	GLP-1 Receptor Agonist Treatment in Morbid Obesity and Type 2 Diabetes Due to Pathogenic Homozygous Melanocortin-4 Receptor Mutation: A Case Report. *Cell Reports Medicine*, **2020**, 1, 100006	18	8

632	FUT2-ABO epistasis increases the risk of early childhood asthma and Streptococcus pneumoniae respiratory illnesses. *Nature Communications*, **2020**, 11, 6398	17.4	4
631	The Effect of Overweight and Obesity on Liver Biochemical Markers in Children and Adolescents. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	12
630	Leptin, adiponectin, and their ratio as markers of insulin resistance and cardiometabolic risk in childhood obesity. *Pediatric Diabetes*, **2020**, 21, 194-202	3.6	30
629	The Polygenic and Monogenic Basis of Blood Traits and Diseases. *Cell*, **2020**, 182, 1214-1231.e11	56.2	96
628	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. *PLoS Genetics*, **2020**, 16, e1008718	6	25
627	Comparative Studies of the Gut Microbiota in the Offspring of Mothers With and Without Gestational Diabetes. *Frontiers in Cellular and Infection Microbiology*, **2020**, 10, 536282	5.9	4
626	Imidazole propionate is increased in diabetes and associated with dietary patterns and altered microbial ecology. *Nature Communications*, **2020**, 11, 5881	17.4	29
625	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. *Nature Genetics*, **2020**, 52, 1314-1332	36.3	26
624	Whole blood co-expression modules associate with metabolic traits and type 2 diabetes: an IMI-DIRECT study. *Genome Medicine*, **2020**, 12, 109	14.4	3
623	A reference map of potential determinants for the human serum metabolome. *Nature*, **2020**, 588, 135-140	50.4	75
622	Dietary metabolite profiling brings new insight into the relationship between nutrition and metabolic risk: An IMI DIRECT study. *EBioMedicine*, **2020**, 58, 102932	8.8	2
621	Low-grade inflammation independently associates with cardiometabolic risk in children with overweight/obesity. *Nutrition, Metabolism and Cardiovascular Diseases*, **2020**, 30, 1544-1553	4.5	18
620	AuthorsQreply to SertQ comment on low-grade inflammation independently associates with cardiometabolic risk in children with overweight/obesity. *Nutrition, Metabolism and Cardiovascular Diseases*, **2020**, 30, 2422-2424	4.5	
619	Gut microbiota profile and selected plasma metabolites in type 1 diabetes without and with stratification by albuminuria. *Diabetologia*, **2020**, 63, 2713-2724	10.3	8
618	The intestinal microbiome is a co-determinant of the postprandial plasma glucose response. *PLoS ONE*, **2020**, 15, e0238648	3.7	1
617	Trans-ethnic and Ancestry-Specific Blood-Cell Genetics in 746,667 Individuals from 5 Global Populations. *Cell*, **2020**, 182, 1198-1213.e14	56.2	88
616	Data integration for prediction of weight loss in randomized controlled dietary trials. *Scientific Reports*, **2020**, 10, 20103	4.9	2
615	Obesity, unfavourable lifestyle and genetic risk of type 2 diabetes: a case-cohort study. *Diabetologia*, **2020**, 63, 1324-1332	10.3	46

614	Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts **2020**, 17, e1003149		
613	Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts **2020**, 17, e1003149		
612	Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts **2020**, 17, e1003149		
611	Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts **2020**, 17, e1003149		
610	Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts **2020**, 17, e1003149		
609	Abdominal adiposity and cardiometabolic risk factors in children and adolescents: a Mendelian randomization analysis. *American Journal of Clinical Nutrition*, **2019**, 110, 1079-1087	7	16
608	Screening of 31 genes involved in monogenic forms of obesity in 23 Pakistani probands with early-onset childhood obesity: a case report. *BMC Medical Genetics*, **2019**, 20, 152	2.1	0
607	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits: A Mendelian Randomization Study. *JAMA Network Open*, **2019**, 2, e1910915	10.4	14
606	Greater glucagon-like peptide-1 responses to oral glucose are associated with lower central and peripheral blood pressures. *Cardiovascular Diabetology*, **2019**, 18, 130	8.7	0
605	Utility of Plasma Concentration of Trimethylamine N-Oxide in Predicting Cardiovascular and Renal Complications in Individuals With Type 1 Diabetes. *Diabetes Care*, **2019**, 42, 1512-1520	14.6	41
604	Polygenic predisposition to breast cancer and the risk of coronary artery disease. *International Journal of Cardiology*, **2019**, 291, 145-151	3.2	0
603	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. *Diabetologia*, **2019**, 62, 1601-1615	10.3	14
602	Genetic studies of abdominal MRI data identify genes regulating hepcidin as major determinants of liver iron concentration. *Journal of Hepatology*, **2019**, 71, 594-602	13.4	10
601	MR-proANP Associated with Body Mass Index in Patients with Anorexia Nervosa. *journal of applied laboratory medicine, The*, **2019**, 4, 132-134	2	1
600	Dairy Intake and Body Composition and Cardiometabolic Traits among Adults: Mendelian Randomization Analysis of 182041 Individuals from 18 Studies. *Clinical Chemistry*, **2019**, 65, 751-760	5.5	11
599	Beneficial impact of intensified multifactorial intervention on risk of stroke: outcome of 21 years of follow-up in the randomised Steno-2 Study. *Diabetologia*, **2019**, 62, 1575-1580	10.3	11
598	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. *Nature*, **2019**, 570, 71-76	50.4	129
597	Glucose metabolism in children and adolescents: Population-based reference values and comparisons to children and adolescents enrolled in obesity treatment. *Pediatric Diabetes*, **2019**, 20, 538-548	3.6	10

596	Extracellular Vesicle Encapsulated MicroRNAs in Patients with Type 2 Diabetes Are Affected by Metformin Treatment. *Journal of Clinical Medicine*, **2019**, 8,	5.1	26
595	Genetic Determinants of Weight Loss After Bariatric Surgery. *Obesity Surgery*, **2019**, 29, 2554-2561	3.7	10
594	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. *Nature Genetics*, **2019**, 51, 804-814	36.3	181
593	The Early Growth Genetics (EGG) and EArly Genetics and Lifecourse Epidemiology (EAGLE) consortia: design, results and future prospects. *European Journal of Epidemiology*, **2019**, 34, 279-300	12.1	18
592	Diabetic cats have decreased gut microbial diversity and a lack of butyrate producing bacteria. *Scientific Reports*, **2019**, 9, 4822	4.9	26
591	Metformin-induced changes of the gut microbiota in healthy young men: results of a non-blinded, one-armed intervention study. *Diabetologia*, **2019**, 62, 1024-1035	10.3	79
590	Reference values for leptin/adiponectin ratio in healthy children and adolescents. *Clinica Chimica Acta*, **2019**, 493, 123-128	6.2	11
589	Association of genetic variants previously implicated in coronary artery disease with age at onset of coronary artery disease requiring revascularizations. *PLoS ONE*, **2019**, 14, e0211690	3.7	2
588	Reference values for fasting serum concentrations of thyroid-stimulating hormone and thyroid hormones in healthy Danish/North-European white children and adolescents. *Scandinavian Journal of Clinical and Laboratory Investigation*, **2019**, 79, 129-135	2	11
587	Genetic determinants of blood pressure traits are associated with carotid arterial thickening and plaque formation in patients with type 2 diabetes. *Diabetes and Vascular Disease Research*, **2019**, 16, 13-21	3.3	1
586	Increased frequency of rare missense PPP1R3B variants among Danish patients with type 2 diabetes. *PLoS ONE*, **2019**, 14, e0210114	3.7	6
585	Genome-wide meta-analysis of macronutrient intake of 91,114 European ancestry participants from the cohorts for heart and aging research in genomic epidemiology consortium. *Molecular Psychiatry*, **2019**, 24, 1920-1932	15.1	30
584	Sequencing reveals protective and pathogenic effects on development of diabetes of rare GLIS3 variants. *PLoS ONE*, **2019**, 14, e0220805	3.7	2
583	A trans-ancestral meta-analysis of genome-wide association studies reveals loci associated with childhood obesity. *Human Molecular Genetics*, **2019**, 28, 3327-3338	5.6	30
582	Genetic predisposition to higher body fat yet lower cardiometabolic risk in children and adolescents. *International Journal of Obesity*, **2019**, 43, 2007-2016	5.5	5
581	Urinary nucleic acid oxidation product levels show differential associations with pharmacological treatment in patients with type 2 diabetes. *Free Radical Research*, **2019**, 53, 694-703	4	4
580	Quality of dietary fat and genetic risk of type 2 diabetes: individual participant data meta-analysis. *BMJ, The*, **2019**, 366, l4292	5.9	23
579	Human pancreatic islet three-dimensional chromatin architecture provides insights into the genetics of type 2 diabetes. *Nature Genetics*, **2019**, 51, 1137-1148	36.3	111

578	Phenome-wide association analysis of LDL-cholesterol lowering genetic variants in PCSK9. *BMC Cardiovascular Disorders*, **2019**, 19, 240	2.3	8
577	Habitual physical activity is associated with lower fasting and greater glucose-induced GLP-1 response in men. *Endocrine Connections*, **2019**, 8, 1607-1617	3.5	1
576	Linking glycemic dysregulation in diabetes to symptoms, comorbidities, and genetics through EHR data mining. *ELife*, **2019**, 8,	8.9	5
575	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. *Nature Genetics*, **2019**, 51, 452-469	36.3	44
574	Association of alcohol consumption with allergic disease and asthma: a multi-centre Mendelian randomization analysis. *Addiction*, **2019**, 114, 216-225	4.6	7
573	A novel rare CUBN variant and three additional genes identified in Europeans with and without diabetes: results from an exome-wide association study of albuminuria. *Diabetologia*, **2019**, 62, 292-305	10.3	17
572	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. *American Journal of Human Genetics*, **2019**, 104, 112-138	11	54
571	The antidepressant-like effect of probiotics and their faecal abundance may be modulated by the cohabiting gut microbiota in rats. *European Neuropsychopharmacology*, **2019**, 29, 98-110	1.2	14
570	ADAMTS9 Regulates Skeletal Muscle Insulin Sensitivity Through Extracellular Matrix Alterations. *Diabetes*, **2019**, 68, 502-514	0.9	11
569	Remitted affective disorders and high familial risk of affective disorders associate with aberrant intestinal microbiota. *Acta Psychiatrica Scandinavica*, **2019**, 139, 174-184	6.5	25
568	Gut microbiota composition in patients with newly diagnosed bipolar disorder and their unaffected first-degree relatives. *Brain, Behavior, and Immunity*, **2019**, 75, 112-118	16.6	73
567	A cost analysis of intensified vs conventional multifactorial therapy in individuals with type 2 diabetes: a post hoc analysis of the Steno-2 study. *Diabetologia*, **2019**, 62, 147-155	10.3	8
566	Whole grain-rich diet reduces body weight and systemic low-grade inflammation without inducing major changes of the gut microbiome: a randomised cross-over trial. *Gut*, **2019**, 68, 83-93	19.2	162
565	Genetic determinants of glycated hemoglobin levels in the Greenlandic Inuit population. *European Journal of Human Genetics*, **2018**, 26, 868-875	5.3	3
564	One-carbon metabolism markers are associated with cardiometabolic risk factors. *Nutrition, Metabolism and Cardiovascular Diseases*, **2018**, 28, 402-410	4.5	17
563	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. *Nature Genetics*, **2018**, 50, 559-571	36.3	221
562	Impact of a vegan diet on the human salivary microbiota. *Scientific Reports*, **2018**, 8, 5847	4.9	50
561	Prospective Studies Exploring the Possible Impact of an ID3 Polymorphism on Changes in Obesity Measures. *Obesity*, **2018**, 26, 747-754	8	1

560	Aberrant intestinal microbiota in individuals with prediabetes. *Diabetologia*, **2018**, 61, 810-820	10.3	163
559	Re-analysis of public genetic data reveals a rare X-chromosomal variant associated with type 2 diabetes. *Nature Communications*, **2018**, 9, 321	17.4	50
558	Bone turnover, calcium homeostasis, and vitamin D status in Danish vegans. *European Journal of Clinical Nutrition*, **2018**, 72, 1046-1054	5.2	17
557	Associations of genetic determinants of serum vitamin B12 and folate concentrations with hay fever and asthma: a Mendelian randomization meta-analysis. *European Journal of Clinical Nutrition*, **2018**, 72, 264-271	5.2	6
556	In Vivo and Ex Vivo Inflammatory Markers of Common Metabolic Phenotypes in Humans. *Metabolic Syndrome and Related Disorders*, **2018**, 16, 29-39	2.6	1
555	Evidence of a liver-alpha cell axis in humans: hepatic insulin resistance attenuates relationship between fasting plasma glucagon and glucagonotropic amino acids. *Diabetologia*, **2018**, 61, 671-680	10.3	41
554	Loss-of-function variants in ADCY3 increase risk of obesity and type 2 diabetes. *Nature Genetics*, **2018**, 50, 172-174	36.3	97
553	A Genome-Wide Association Study of Diabetic Kidney Disease in Subjects With Type 2 Diabetes. *Diabetes*, **2018**, 67, 1414-1427	0.9	71
552	Estimating the causal effect of body mass index on hay fever, asthma and lung function using Mendelian randomization. *Allergy: European Journal of Allergy and Clinical Immunology*, **2018**, 73, 153-164	8.3	28
551	Genome-Wide Interactions with Dairy Intake for Body Mass Index in Adults of European Descent. *Molecular Nutrition and Food Research*, **2018**, 62, 1700347	5.9	5
550	Identification of novel high-impact recessively inherited type 2 diabetes risk variants in the Greenlandic population. *Diabetologia*, **2018**, 61, 2005-2015	10.3	11
549	Brugada Syndrome-Associated Genetic Loci Are Associated With J-Point Elevation and an Increased Risk of Cardiac Arrest. *Frontiers in Physiology*, **2018**, 9, 894	4.6	1
548	Exome-chip meta-analysis identifies novel loci associated with cardiac conduction, including ADAMTS6. *Genome Biology*, **2018**, 19, 87	18.3	25
547	Gestational diabetes is associated with change in the gut microbiota composition in third trimester of pregnancy and postpartum. *Microbiome*, **2018**, 6, 89	16.6	155
546	Common variants in the hERG (KCNH2) voltage-gated potassium channel are associated with altered fasting and glucose-stimulated plasma incretin and glucagon responses. *BMC Genetics*, **2018**, 19, 15	2.6	8
545	Reduced risk of heart failure with intensified multifactorial intervention in individuals with type 2 diabetes and microalbuminuria: 21 years of follow-up in the randomised Steno-2 study. *Diabetologia*, **2018**, 61, 1724-1733	10.3	47
544	Childhood obesity treatment; Effects on BMI SDS, body composition, and fasting plasma lipid concentrations. *PLoS ONE*, **2018**, 13, e0190576	3.7	7
543	Increase in clinically recorded type 2 diabetes after colectomy. *ELife*, **2018**, 7,	8.9	11

542	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. *Nature Genetics*, **2018**, 50, 26-41	36.3	186
541	Dairy Consumption and Body Mass Index Among Adults: Mendelian Randomization Analysis of 184802 Individuals from 25 Studies. *Clinical Chemistry*, **2018**, 64, 183-191	5.5	24
540	Impaired fasting glucose and the metabolic profile in Danish children and adolescents with normal weight, overweight, or obesity. *Pediatric Diabetes*, **2018**, 19, 356-365	3.6	8
539	Obesity is associated with vitamin D deficiency in Danish children and adolescents. *Journal of Pediatric Endocrinology and Metabolism*, **2018**, 31, 53-61	1.6	26
538	The effect of impaired glucose metabolism on weight loss in multidisciplinary childhood obesity treatment. *Pediatric Diabetes*, **2018**, 19, 366-374	3.6	6
537	Genetic insights into fetal growth and measures of glycaemic regulation and adiposity in adulthood: a family-based study. *BMC Medical Genetics*, **2018**, 19, 207	2.1	1
536	The effect of drinking water pH on the human gut microbiota and glucose regulation: results of a randomized controlled cross-over intervention. *Scientific Reports*, **2018**, 8, 16626	4.9	16
535	Identification of novel LEPR mutations in Pakistani families with morbid childhood obesity. *BMC Medical Genetics*, **2018**, 19, 199	2.1	4
534	Genetic Susceptibility for Childhood BMI has no Impact on Weight Loss Following Lifestyle Intervention in Danish Children. *Obesity*, **2018**, 26, 1915-1922	8	7
533	A low-gluten diet induces changes in the intestinal microbiome of healthy Danish adults. *Nature Communications*, **2018**, 9, 4630	17.4	69
532	Hypertension genetic risk score is associated with burden of coronary heart disease among patients referred for coronary angiography. *PLoS ONE*, **2018**, 13, e0208645	3.7	6
531	Fine-mapping type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps. *Nature Genetics*, **2018**, 50, 1505-1513	36.3	675
530	Population-based studies of relationships between dietary acidity load, insulin resistance and incident diabetes in Danes. *Nutrition Journal*, **2018**, 17, 91	4.3	9
529	Indicator of RNA oxidation in urine for the prediction of mortality in patients with type 2 diabetes and microalbuminuria: A post-hoc analysis of the Steno-2 trial. *Free Radical Biology and Medicine*, **2018**, 129, 247-255	7.8	9
528	Application of urinary proteomics as possible risk predictor of renal and cardiovascular complications in patients with type 2-diabetes and microalbuminuria. *Journal of Diabetes and Its Complications*, **2018**, 32, 1133-1140	3.2	4
527	First Genome-Wide Association Study of Latent Autoimmune Diabetes in Adults Reveals Novel Insights Linking Immune and Metabolic Diabetes. *Diabetes Care*, **2018**, 41, 2396-2403	14.6	57
526	ExomeChip-Wide Analysis of 95 626 Individuals Identifies 10 Novel Loci Associated With QT and JT Intervals. *Circulation Genomic and Precision Medicine*, **2018**, 11, e001758	5.2	14
525	Genome-wide analyses identify a role for SLC17A4 and AADAT in thyroid hormone regulation. *Nature Communications*, **2018**, 9, 4455	17.4	75

524	A computational framework to integrate high-throughput -omics datasets for the identification of potential mechanistic links. *Nature Protocols*, **2018**, 13, 2781-2800	18.8	44
523	Recovery of gut microbiota of healthy adults following antibiotic exposure. *Nature Microbiology*, **2018**, 3, 1255-1265	26.6	246
522	Common and Rare Coding Genetic Variation Underlying the Electrocardiographic PR Interval. *Circulation Genomic and Precision Medicine*, **2018**, 11, e002037	5.2	11
521	Cardiolipin Synthesis in Brown and Beige Fat Mitochondria Is Essential for Systemic Energy Homeostasis. *Cell Metabolism*, **2018**, 28, 159-174.e11	24.6	67
520	An adult-based insulin resistance genetic risk score associates with insulin resistance, metabolic traits and altered fat distribution in Danish children and adolescents who are overweight or obese. *Diabetologia*, **2018**, 61, 1769-1779	10.3	8
519	Genetic Variations in the Human G Protein-coupled Receptor Class C, Group 6, Member A (GPRC6A) Control Cell Surface Expression and Function. *Journal of Biological Chemistry*, **2017**, 292, 1524-1534	5.4	16
518	Rare and low-frequency coding variants alter human adult height. *Nature*, **2017**, 542, 186-190	50.4	412
517	Objective assessment of dietary patterns by use of metabolic phenotyping: a randomised, controlled, crossover trial. *Lancet Diabetes and Endocrinology,the*, **2017**, 5, 184-195	18.1	143
516	Patients With Long-QT Syndrome Caused by Impaired -Encoded K11.1 Potassium Channel Have Exaggerated Endocrine Pancreatic and Incretin Function Associated With Reactive Hypoglycemia. *Circulation*, **2017**, 135, 1705-1719	16.7	20
515	Intensified multifactorial intervention in type 2 diabetics with microalbuminuria leads to long-term renal benefits. *Kidney International*, **2017**, 91, 982-988	9.9	51
514	Genetic evidence of a causal effect of insulin resistance on branched-chain amino acid levels. *Diabetologia*, **2017**, 60, 873-878	10.3	79
513	Discovery of novel heart rate-associated loci using the Exome Chip. *Human Molecular Genetics*, **2017** , 26, 2346-2363	5.6	17
512	Selection in Europeans on Fatty Acid Desaturases Associated with Dietary Changes. *Molecular Biology and Evolution*, **2017**, 34, 1307-1318	8.3	50
511	Carriers of a enhancer polymorphism selectively binding CHOP/DDIT3 are predisposed to increased circulating levels of thyroid-stimulating hormone. *Journal of Medical Genetics*, **2017**, 54, 166-175	5.8	8
510	A Genome-Wide Association Study of IVGTT-Based Measures of First-Phase Insulin Secretion Refines the Underlying Physiology of Type 2 Diabetes Variants. *Diabetes*, **2017**, 66, 2296-2309	0.9	69
509	FGF21 Is a Sugar-Induced Hormone Associated with Sweet Intake and Preference in Humans. *Cell Metabolism*, **2017**, 25, 1045-1053.e6	24.6	123
508	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. *Nature Communications*, **2017**, 8, 14977	17.4	105
507	PCSK9 genetic variants and risk of type 2 diabetes: a mendelian randomisation study. *Lancet Diabetes and Endocrinology,the*, **2017**, 5, 97-105	18.1	225

506	Ponderal index at birth associates with later risk of gestational diabetes mellitus. *Archives of Gynecology and Obstetrics*, **2017**, 296, 249-256	2.5	8
505	Dyslipidemia and reference values for fasting plasma lipid concentrations in Danish/North-European White children and adolescents. *BMC Pediatrics*, **2017**, 17, 116	2.6	39
504	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. *Diabetes*, **2017**, 66, 2888-2902	8.9	414
503	Reference values for fasting serum resistin in healthy children and adolescents. *Clinica Chimica Acta* , **2017**, 469, 161-165	6.2	5
502	Glucose ingestion causes cardiac repolarization disturbances in type 1 long QT syndrome patients and healthy subjects. *Heart Rhythm*, **2017**, 14, 1165-1170	6.7	7
501	A Low-Frequency Inactivating Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. *Diabetes*, **2017**, 66, 2019-2032	0.9	29
500	The effect of smoking on the urinary excretion of 8-oxodG and 8-oxoGuo in patients with type 2 diabetes. *Scandinavian Journal of Clinical and Laboratory Investigation*, **2017**, 77, 253-258	2	7
499	and Loci Identified through Large-Scale Exome Chip Analysis Regulate Kidney Development and Function. *Journal of the American Society of Nephrology: JASN*, **2017**, 28, 981-994	12.7	30
498	Dietary Assessment in the MetaCardis Study: Development and Relative Validity of an Online Food Frequency Questionnaire. *Journal of the Academy of Nutrition and Dietetics*, **2017**, 117, 878-888	3.9	18
497	Genetic determinants of serum vitamin B12 and their relation to body mass index. *European Journal of Epidemiology*, **2017**, 32, 125-134	12.1	22
496	Cardiovascular and All-Cause Mortality Risk Associated With Urinary Excretion of 8-oxoGuo, a Biomarker for RNA Oxidation, in Patients With Type 2 Diabetes: A Prospective Cohort Study. *Diabetes Care*, **2017**, 40, 1771-1778	14.6	36
495	Exome-wide association study of plasma lipids in >300,000 individuals. *Nature Genetics*, **2017**, 49, 1758-1766	36.9	310
494	Higher intake of fish and fat is associated with lower plasma s-adenosylhomocysteine: a cross-sectional study. *Nutrition Research*, **2017**, 46, 78-87	4	1
493	New Blood Pressure-Associated Loci Identified in Meta-Analyses of 475 000 Individuals. *Circulation: Cardiovascular Genetics*, **2017**, 10,		33
492	Predicting glycated hemoglobin levels in the non-diabetic general population: Development and validation of the DIRECT-DETECT prediction model - a DIRECT study. *PLoS ONE*, **2017**, 12, e0171816	3.7	10
491	Urinary metabolomics reveals glycemic and coffee associated signatures of thyroid function in two population-based cohorts. *PLoS ONE*, **2017**, 12, e0173078	3.7	15
490	Causal relationship between obesity and serum testosterone status in men: A bi-directional mendelian randomization analysis. *PLoS ONE*, **2017**, 12, e0176277	3.7	47
489	Alcohol consumption and its interaction with adiposity-associated genetic variants in relation to subsequent changes in waist circumference and body weight. *Nutrition Journal*, **2017**, 16, 51	4.3	5

488	Cohort description: The Danish study of Functional Disorders. *Clinical Epidemiology*, **2017**, 9, 127-139	5.9	50
487	Assembly and analysis of 100 full MHC haplotypes from the Danish population. *Genome Research*, **2017**, 27, 1597-1607	9.7	10
486	Large-scale GWAS identifies multiple loci for hand grip strength providing biological insights into muscular fitness. *Nature Communications*, **2017**, 8, 16015	17.4	80
485	Investigating the causal effect of smoking on hay fever and asthma: a Mendelian randomization meta-analysis in the CARTA consortium. *Scientific Reports*, **2017**, 7, 2224	4.9	24
484	Association studies of genetic scores of serum vitamin B12 and folate levels with symptoms of depression and anxiety in two danish population studies. *European Journal of Clinical Nutrition*, **2017**, 71, 1054-1060	5.2	5
483	Environmental spread of microbes impacts the development of metabolic phenotypes in mice transplanted with microbial communities from humans. *ISME Journal*, **2017**, 11, 676-690	11.9	41
482	Heterogeneity in glucose response curves during an oral glucose tolerance test and associated cardiometabolic risk. *Endocrine*, **2017**, 55, 427-434	4	18
481	Numerous Brugada syndrome-associated genetic variants have no effect on J-point elevation, syncope susceptibility, malignant cardiac arrhythmia, and all-cause mortality. *Genetics in Medicine*, **2017**, 19, 521-528	8.1	20
480	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. *Scientific Data*, **2017**, 4, 170179	8.2	22
479	High Prevalence of Diabetes-Predisposing Variants in MODY Genes Among Danish Women With Gestational Diabetes Mellitus. *Journal of the Endocrine Society*, **2017**, 1, 681-690	0.4	23
478	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. *PLoS Genetics*, **2017**, 13, e1006528	6	103
477	A genome-wide association study of thyroid stimulating hormone and free thyroxine in Danish children and adolescents. *PLoS ONE*, **2017**, 12, e0174204	3.7	14
476	Subclinical Hypothyroidism in Danish Lean and Obese Children and Adolescents. *JCRPE Journal of Clinical Research in Pediatric Endocrinology*, **2017**, 9, 8-16	1.9	24
475	Human biallelic MFN2 mutations induce mitochondrial dysfunction, upper body adipose hyperplasia, and suppression of leptin expression. *ELife*, **2017**, 6,	8.9	42
474	Sequencing and de novo assembly of 150 genomes from Denmark as a population reference. *Nature*, **2017**, 548, 87-91	50.4	87
473	Estimates of insulin sensitivity and β-cell function in children and adolescents with and without components of the metabolic syndrome. *Pediatric Endocrinology, Diabetes and Metabolism*, **2017**, 23, 122-129	1	
472	Genetic investigations of sudden unexpected deaths in infancy using next-generation sequencing of 100 genes associated with cardiac diseases. *European Journal of Human Genetics*, **2016**, 24, 817-22	5.3	44
471	The association between candidate migraine susceptibility loci and severe migraine phenotype in a clinical sample. *Cephalalgia*, **2016**, 36, 615-23	6.1	18

470	Years of life gained by multifactorial intervention in patients with type 2 diabetes mellitus and microalbuminuria: 21 years follow-up on the Steno-2 randomised trial. *Diabetologia*, **2016**, 59, 2298-2307	10.3	268
469	Interactions between genetic variants associated with adiposity traits and soft drinks in relation to longitudinal changes in body weight and waist circumference. *American Journal of Clinical Nutrition*, **2016**, 104, 816-26	7	31
468	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. *Nature Communications*, **2016**, 7, 13357	17.4	46
467	Plasma Alkylresorcinols Reflect Gluten Intake and Distinguish between Gluten-Rich and Gluten-Poor Diets in a Population at Risk of Metabolic Syndrome. *Journal of Nutrition*, **2016**, 146, 1991-1998	4.1	13
466	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. *Nature Genetics*, **2016**, 48, 1151-1161	36.3	181
465	Genome-Wide Association Study of the Modified Stumvoll Insulin Sensitivity Index Identifies BCL2 and FAM19A2 as Novel Insulin Sensitivity Loci. *Diabetes*, **2016**, 65, 3200-11	0.9	47
464	Human gut microbes impact host serum metabolome and insulin sensitivity. *Nature*, **2016**, 535, 376-81	50.4	977
463	Blood-based biomarkers of age-associated epigenetic changes in human islets associate with insulin secretion and diabetes. *Nature Communications*, **2016**, 7, 11089	17.4	145
462	A genomic approach to therapeutic target validation identifies a glucose-lowering GLP1R variant protective for coronary heart disease. *Science Translational Medicine*, **2016**, 8, 341ra76	17.5	77
461	Transcriptional interactions suggest niche segregation among microorganisms in the human gut. *Nature Microbiology*, **2016**, 1, 16152	26.6	38
460	Increasing insulin resistance accentuates the effect of triglyceride-associated loci on serum triglycerides during 5 years. *Journal of Lipid Research*, **2016**, 57, 2193-2199	6.3	2
459	Colonic transit time is related to bacterial metabolism and mucosal turnover in the gut. *Nature Microbiology*, **2016**, 1, 16093	26.6	204
458	An Improved Method for High Quality Metagenomics DNA Extraction from Human and Environmental Samples. *Scientific Reports*, **2016**, 6, 26775	4.9	101
457	Genome-wide association studies in the Japanese population identify seven novel loci for type 2 diabetes. *Nature Communications*, **2016**, 7, 10531	17.4	99
456	A Human Variant of Glucose-Regulated Protein 94 That Inefficiently Supports IGF Production. *Endocrinology*, **2016**, 157, 1914-28	4.8	9
455	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. *Nature Communications*, **2016**, 7, 10495	17.4	180
454	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. *Nature Communications*, **2016**, 7, 10494	17.4	107
453	Glucose-Dependent Insulinotropic Polypeptide Is Associated With Lower Low-Density Lipoprotein But Unhealthy Fat Distribution, Independent of Insulin: The ADDITION-PRO Study. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 485-93	5.6	34

452	Mendelian randomisation study of the associations of vitamin B12 and folate genetic risk scores with blood pressure and fasting serum lipid levels in three Danish population-based studies. *European Journal of Clinical Nutrition*, **2016**, 70, 613-9	5.2	3
451	Genome-wide association analysis identifies three new susceptibility loci for childhood body mass index. *Human Molecular Genetics*, **2016**, 25, 389-403	5.6	202
450	Identification of Novel Genetic Determinants of Erythrocyte Membrane Fatty Acid Composition among Greenlanders. *PLoS Genetics*, **2016**, 12, e1006119	6	16
449	Effects of a Family-Based Childhood Obesity Treatment Program on Parental Weight Status. *PLoS ONE*, **2016**, 11, e0161921	3.7	11
448	Genetic Correlation between Body Fat Percentage and Cardiorespiratory Fitness Suggests Common Genetic Etiology. *PLoS ONE*, **2016**, 11, e0166738	3.7	8
447	Vejle Diabetes Biobank - a resource for studies of the etiologies of diabetes and its comorbidities. *Clinical Epidemiology*, **2016**, 8, 393-413	5.9	17
446	Serum 25-Hydroxyvitamin D Status and Longitudinal Changes in Weight and Waist Circumference: Influence of Genetic Predisposition to Adiposity. *PLoS ONE*, **2016**, 11, e0153611	3.7	5
445	The genetic architecture of type 2 diabetes. *Nature*, **2016**, 536, 41-47	50.4	704
444	Meta-analysis of rare and common exome chip variants identifies S1PR4 and other loci influencing blood cell traits. *Nature Genetics*, **2016**, 48, 867-76	36.3	34
443	Prognostic impact of carboxylesterase 1 gene variants in patients with congestive heart failure treated with angiotensin-converting enzyme inhibitors. *Pharmacogenetics and Genomics*, **2016**, 26, 169-177	1.9	4
442	Exome Genotyping Identifies Pleiotropic Variants Associated with Red Blood Cell Traits. *American Journal of Human Genetics*, **2016**, 99, 8-21	11	47
441	Genetic risk scores link body fat distribution with specific cardiometabolic profiles. *Obesity*, **2016**, 24, 1778-85	8	2
440	Effects of biphasic, basal-bolus or basal insulin analogue treatments on carotid intima-media thickness in patients with type 2 diabetes mellitus: the randomised Copenhagen Insulin and Metformin Therapy (CIMT) trial. *BMJ Open*, **2016**, 6, e008377	3	9
439	Functional and genetic epidemiological characterisation of the FFAR4 (GPR120) p.R270H variant in the Danish population. *Journal of Medical Genetics*, **2016**, 53, 616-23	5.8	14
438	DNA methylation and gene expression of HIF3A: cross-tissue validation and associations with BMI and insulin resistance. *Clinical Epigenetics*, **2016**, 8, 89	7.7	29
437	Roux-en-Y gastric bypass surgery of morbidly obese patients induces swift and persistent changes of the individual gut microbiota. *Genome Medicine*, **2016**, 8, 67	14.4	187
436	H-MRS measured ectopic fat in liver and muscle is associated with the metabolic syndrome in Danish girls but not in boys with overweight and obesity. *Obesity Science and Practice*, **2016**, 2, 376-384	2.6	2
435	Metformin versus placebo in combination with insulin analogues in patients with type 2 diabetes mellitus-the randomised, blinded Copenhagen Insulin and Metformin Therapy (CIMT) trial. *BMJ Open*, **2016**, 6, e008376	3	28

434	The Human Intestinal Microbiome in Health and Disease. *New England Journal of Medicine*, **2016**, 375, 2369-2379	59.2	1429
433	Variant ASGR1 Associated with a Reduced Risk of Coronary Artery Disease. *New England Journal of Medicine*, **2016**, 374, 2131-41	59.2	94
432	The Role of the Gut Microbiota in Childhood Obesity. *Childhood Obesity*, **2016**, 12, 292-9	2.5	27
431	The Gut Microbiota in Type 2 Diabetes **2016**, 275-293		
430	Alterations in fecal microbiota composition by probiotic supplementation in healthy adults: a systematic review of randomized controlled trials. *Genome Medicine*, **2016**, 8, 52	14.4	290
429	Reference values for serum leptin in healthy non-obese children and adolescents. *Scandinavian Journal of Clinical and Laboratory Investigation*, **2016**, 76, 561-567	2	13
428	Genome-wide associations for birth weight and correlations with adult disease. *Nature*, **2016**, 538, 248-252	34.4	266
427	Digital questionnaire platform in the Danish Blood Donor Study. *Computer Methods and Programs in Biomedicine*, **2016**, 135, 101-4	6.9	28
426	FTO genotype and weight loss: systematic review and meta-analysis of 9563 individual participant data from eight randomised controlled trials. *BMJ, The*, **2016**, 354, i4707	5.9	70
425	Insulin Resistance Is Accompanied by Increased Fasting Glucagon and Delayed Glucagon Suppression in Individuals With Normal and Impaired Glucose Regulation. *Diabetes*, **2016**, 65, 3473-3481	0.9	93
424	Novel variation and de novo mutation rates in population-wide de novo assembled Danish trios. *Nature Communications*, **2015**, 6, 5969	17.4	119
423	Insulin resistance as a physiological defense against metabolic stress: implications for the management of subsets of type 2 diabetes. *Diabetes*, **2015**, 64, 673-86	0.9	139
422	GLP-1 Response to Oral Glucose Is Reduced in Prediabetes, Screen-Detected Type 2 Diabetes, and Obesity and Influenced by Sex: The ADDITION-PRO Study. *Diabetes*, **2015**, 64, 2513-25	0.9	171
421	Fasting serum levels of ferritin are associated with impaired pancreatic beta cell function and decreased insulin sensitivity: a population-based study. *Diabetologia*, **2015**, 58, 523-33	10.3	23
420	Discovery of coding genetic variants influencing diabetes-related serum biomarkers and their impact on risk of type 2 diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, E664-71	5.6	17
419	Specific gut microbiota features and metabolic markers in postmenopausal women with obesity. *Nutrition and Diabetes*, **2015**, 5, e159	4.7	134
418	Rare genetic variants previously associated with congenital forms of long QT syndrome have little or no effect on the QT interval. *European Heart Journal*, **2015**, 36, 2523-9	9.5	45
417	GLP-1 Receptor Agonist Treatment Increases Bone Formation and Prevents Bone Loss in Weight-Reduced Obese Women. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, 2909-17	5.6	84

416	Gene-Environment Interactions of Circadian-Related Genes for Cardiometabolic Traits. *Diabetes Care*, **2015**, 38, 1456-66	14.6	36
415	Treatment with a GLP-1 receptor agonist diminishes the decrease in free plasma leptin during maintenance of weight loss. *International Journal of Obesity*, **2015**, 39, 834-41	5.5	51
414	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
413	Association analysis of 29,956 individuals confirms that a low-frequency variant at CCND2 halves the risk of type 2 diabetes by enhancing insulin secretion. *Diabetes*, **2015**, 64, 2279-85	0.9	20
412	Genetic and phenotypic correlations between surrogate measures of insulin release obtained from OGTT data. *Diabetologia*, **2015**, 58, 1006-12	10.3	6
411	The gut microbiome in cardio-metabolic health. *Genome Medicine*, **2015**, 7, 33	14.4	78
410	Postprandial incretin and islet hormone responses and dipeptidyl-peptidase 4 enzymatic activity in patients with maturity onset diabetes of the young. *European Journal of Endocrinology*, **2015**, 173, 205-15	6.5	10
409	Impact of age, BMI and HbA1c levels on the genome-wide DNA methylation and mRNA expression patterns in human adipose tissue and identification of epigenetic biomarkers in blood. *Human Molecular Genetics*, **2015**, 24, 3792-813	5.6	168
408	Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. *Nature Genetics*, **2015**, 47, 1282-1293	36.3	223
407	Obesity: Beige adipocytes-will they beat obesity?. *Nature Reviews Endocrinology*, **2015**, 11, 694-6	15.2	1
406	Genome-wide association studies of human adiposity: Zooming in on synapses. *Molecular and Cellular Endocrinology*, **2015**, 418 Pt 2, 90-100	4.4	7
405	Response to Comment on Fï¿½ch et al. GLP-1 Response to Oral Glucose Is Reduced in Prediabetes, Screen-Detected Type 2 Diabetes, and Obesity and Influenced by Sex: The ADDITION-PRO Study. Diabetes 2015;64:2513ï¿½2525. *Diabetes*, **2015**, 64, e30-e31	0.9	1
404	Reference values for serum total adiponectin in healthy non-obese children and adolescents. *Clinica Chimica Acta*, **2015**, 450, 11-4	6.2	26
403	Prenatal exposure to systemic antibacterials and overweight and obesity in Danish schoolchildren: a prevalence study. *International Journal of Obesity*, **2015**, 39, 1450-5	5.5	51
402	Reduced CD300LG mRNA tissue expression, increased intramyocellular lipid content and impaired glucose metabolism in healthy male carriers of Arg82Cys in CD300LG: a novel genometabolic cross-link between CD300LG and common metabolic phenotypes. *BMJ Open Diabetes Research and Care*, **2015**, 3, e000095	4.5	8
401	Greenlandic Inuit show genetic signatures of diet and climate adaptation. *Science*, **2015**, 349, 1343-7	33.3	298
400	Disentangling type 2 diabetes and metformin treatment signatures in the human gut microbiota. *Nature*, **2015**, 528, 262-266	50.4	1107
399	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. *Nature Genetics*, **2015**, 47, 1415-25	36.3	292

398	A glycogene mutation map for discovery of diseases of glycosylation. *Glycobiology*, **2015**, 25, 211-24	5.8	38
397	Habitual sleep duration is associated with BMI and macronutrient intake and may be modified by CLOCK genetic variants. *American Journal of Clinical Nutrition*, **2015**, 101, 135-43	7	75
396	Mechanisms in endocrinology: Gut microbiota in patients with type 2 diabetes mellitus. *European Journal of Endocrinology*, **2015**, 172, R167-77	6.5	119
395	Dietary modulation of the gut microbiota--a randomised controlled trial in obese postmenopausal women. *British Journal of Nutrition*, **2015**, 114, 406-17	3.6	102
394	Common variants in LEPR, IL6, AMD1, and NAMPT do not associate with risk of juvenile and childhood obesity in Danes: a case-control study. *BMC Medical Genetics*, **2015**, 16, 105	2.1	7
393	Multidisciplinary care of obese children and adolescents for one year reduces ectopic fat content in liver and skeletal muscle. *BMC Pediatrics*, **2015**, 15, 196	2.6	23
392	Intake of macro- and micronutrients in Danish vegans. *Nutrition Journal*, **2015**, 14, 115	4.3	64
391	Response to Comments on Nolan et al. Insulin Resistance as a Physiological Defense Against Metabolic Stress: Implications for the Management of Subsets of Type 2 Diabetes. Diabetes 2015;64:673-686. *Diabetes*, **2015**, 64, e38-9	0.9	3
390	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. *PLoS Genetics*, **2015**, 11, e1005378	6	220
389	A Splice Region Variant in LDLR Lowers Non-high Density Lipoprotein Cholesterol and Protects against Coronary Artery Disease. *PLoS Genetics*, **2015**, 11, e1005379	6	17
388	Associations of the Inflammatory Marker YKL-40 with Measures of Obesity and Dyslipidaemia in Individuals at High Risk of Type 2 Diabetes. *PLoS ONE*, **2015**, 10, e0133672	3.7	15
387	Effect of Antibiotics on Gut Microbiota, Gut Hormones and Glucose Metabolism. *PLoS ONE*, **2015**, 10, e0142352	3.7	61
386	Impact of PTBP1 rs11085226 on glucose-stimulated insulin release in adult Danes. *BMC Medical Genetics*, **2015**, 16, 17	2.1	4
385	Interactions of Lipid Genetic Risk Scores With Estimates of Metabolic Health in a Danish Population. *Circulation: Cardiovascular Genetics*, **2015**, 8, 465-72		25
384	Uncovering the genetic history of the present-day Greenlandic population. *American Journal of Human Genetics*, **2015**, 96, 54-69	11	61
383	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. *Nature Communications*, **2015**, 6, 5897	17.4	147
382	The type 2 diabetes risk allele of TMEM154-rs6813195 associates with decreased beta cell function in a study of 6,486 Danes. *PLoS ONE*, **2015**, 10, e0120890	3.7	15
381	1H-MRS Measured Ectopic Fat in Liver and Muscle in Danish Lean and Obese Children and Adolescents. *PLoS ONE*, **2015**, 10, e0135018	3.7	15

380	Comparative Analyses of QTLs Influencing Obesity and Metabolic Phenotypes in Pigs and Humans. *PLoS ONE*, **2015**, 10, e0137356	3.7	15
379	Identification of low-frequency and rare sequence variants associated with elevated or reduced risk of type 2 diabetes. *Nature Genetics*, **2014**, 46, 294-8	36.3	241
378	Incretin effect and glucagon responses to oral and intravenous glucose in patients with maturity-onset diabetes of the young--type 2 and type 3. *Diabetes*, **2014**, 63, 2838-44	0.9	34
377	MTHFR C677T genotype and cardiovascular risk in a general population without mandatory folic acid fortification. *European Journal of Nutrition*, **2014**, 53, 1549-59	5.2	23
376	Whole-Exome Sequencing of 2,000 Danish Individuals and the Role of Rare Coding Variants in Type 2 Diabetes. *American Journal of Human Genetics*, **2014**, 94, 479	11	78
375	A functional amino acid substitution in the glucose-dependent insulinotropic polypeptide receptor (GIPR) gene is associated with lower bone mineral density and increased fracture risk. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, E729-33	5.6	55
374	Cohort Profile: the Health2006 cohort, research centre for prevention and health. *International Journal of Epidemiology*, **2014**, 43, 568-75	7.8	76
373	Leveraging cross-species transcription factor binding site patterns: from diabetes risk loci to disease mechanisms. *Cell*, **2014**, 156, 343-58	56.2	96
372	Interaction between genetic predisposition to obesity and dietary calcium in relation to subsequent change in body weight and waist circumference. *American Journal of Clinical Nutrition*, **2014**, 99, 957-65	7	18
371	High heritability and genetic correlation of intravenous glucose- and tolbutamide-induced insulin secretion among non-diabetic family members of type 2 diabetic patients. *Diabetologia*, **2014**, 57, 1173-81	10.3	12
370	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. *Diabetologia* , **2014**, 57, 1132-42	10.3	39
369	Identification and assembly of genomes and genetic elements in complex metagenomic samples without using reference genomes. *Nature Biotechnology*, **2014**, 32, 822-8	44.5	624
368	An integrated catalog of reference genes in the human gut microbiome. *Nature Biotechnology*, **2014**, 32, 834-41	44.5	1088
367	Evaluation of a target region capture sequencing platform using monogenic diabetes as a study-model. *BMC Genetics*, **2014**, 15, 13	2.6	42
366	Dietary ascorbic acid and subsequent change in body weight and waist circumference: associations may depend on genetic predisposition to obesity--a prospective study of three independent cohorts. *Nutrition Journal*, **2014**, 13, 43	4.3	11
365	Glucose-lowering effects and low risk of hypoglycemia in patients with maturity-onset diabetes of the young when treated with a GLP-1 receptor agonist: a double-blind, randomized, crossover trial. *Diabetes Care*, **2014**, 37, 1797-805	14.6	56
364	A common Greenlandic TBC1D4 variant confers muscle insulin resistance and type 2 diabetes. *Nature*, **2014**, 512, 190-3	50.4	258
363	Loss-of-function mutations in SLC30A8 protect against type 2 diabetes. *Nature Genetics*, **2014**, 46, 357-63	36.3	351

362	Lessons from whole-exome sequencing in MODYX families. *Diabetes Research and Clinical Practice*, **2014**, 104, e72-4	7.4	12
361	Genetic susceptibility to type 2 diabetes and obesity: from genome-wide association studies to rare variants and beyond. *Diabetologia*, **2014**, 57, 1528-41	10.3	135
360	Sex-specific effects of naturally occurring variants in the dopamine receptor D2 locus on insulin secretion and type 2 diabetes susceptibility. *Diabetic Medicine*, **2014**, 31, 1001-8	3.5	10
359	Blood pressure levels in male carriers of Arg82Cys in CD300LG. *PLoS ONE*, **2014**, 9, e109646	3.7	2
358	A combined analysis of 48 type 2 diabetes genetic risk variants shows no discriminative value to predict time to first prescription of a glucose lowering drug in Danish patients with screen detected type 2 diabetes. *PLoS ONE*, **2014**, 9, e104837	3.7	9
357	Impact of type 2 diabetes susceptibility variants on quantitative glycemic traits reveals mechanistic heterogeneity. *Diabetes*, **2014**, 63, 2158-71	0.9	235
356	Gene-lifestyle interaction and type 2 diabetes: the EPIC interact case-cohort study. *PLoS Medicine*, **2014**, 11, e1001647	11.6	149
355	KCNQ1 long QT syndrome patients have hyperinsulinemia and symptomatic hypoglycemia. *Diabetes*, **2014**, 63, 1315-25	0.9	50
354	FTO genetic variants, dietary intake and body mass index: insights from 177,330 individuals. *Human Molecular Genetics*, **2014**, 23, 6961-72	5.6	120
353	Variation and association to diabetes in 2000 full mtDNA sequences mined from an exome study in a Danish population. *European Journal of Human Genetics*, **2014**, 22, 1040-5	5.3	23
352	Pleiotropic genes for metabolic syndrome and inflammation. *Molecular Genetics and Metabolism*, **2014**, 112, 317-38	3.7	81
351	Interaction between genetic predisposition to adiposity and dietary protein in relation to subsequent change in body weight and waist circumference. *PLoS ONE*, **2014**, 9, e110890	3.7	13
350	Chronic family stress moderates the association between a TOMM40 variant and triglyceride levels in two independent Caucasian samples. *Biological Psychology*, **2013**, 93, 184-9	3.2	6
349	Reassessment of the putative role of BLK-p.A71T loss-of-function mutation in MODY and type 2 diabetes. *Diabetologia*, **2013**, 56, 492-6	10.3	24
348	Exome sequencing-driven discovery of coding polymorphisms associated with common metabolic phenotypes. *Diabetologia*, **2013**, 56, 298-310	10.3	102
347	Richness of human gut microbiome correlates with metabolic markers. *Nature*, **2013**, 500, 541-6	50.4	2584
346	Metagenomic species profiling using universal phylogenetic marker genes. *Nature Methods*, **2013**, 10, 1196-9	21.6	340
345	Genetic variants associated with glycine metabolism and their role in insulin sensitivity and type 2 diabetes. *Diabetes*, **2013**, 62, 2141-50	0.9	59

344	Whole-exome sequencing of 2,000 Danish individuals and the role of rare coding variants in type 2 diabetes. *American Journal of Human Genetics*, **2013**, 93, 1072-86	11	109
343	Studies of association of AGPAT6 variants with type 2 diabetes and related metabolic phenotypes in 12,068 Danes. *BMC Medical Genetics*, **2013**, 14, 113	2.1	2
342	Insulin resistance and impaired pancreatic Ecell function in adult offspring of women with diabetes in pregnancy. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, 3793-801	5.6	66
341	Incretin and pancreatic hormone secretion in Caucasian non-diabetic carriers of the TCF7L2 rs7903146 risk T allele. *Diabetes, Obesity and Metabolism*, **2013**, 15, 91-5	6.7	20
340	The frequent UCP2 -866G>A polymorphism protects against insulin resistance and is associated with obesity: a study of obesity and related metabolic traits among 17 636 Danes. *International Journal of Obesity*, **2013**, 37, 175-81	5.5	31
339	Type 2 diabetes risk alleles near BCAR1 and in ANK1 associate with decreased Ecell function whereas risk alleles near ANKRD55 and GRB14 associate with decreased insulin sensitivity in the Danish Inter99 cohort. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, E801-6	5.6	46
338	Mutations in HNF1A result in marked alterations of plasma glycan profile. *Diabetes*, **2013**, 62, 1329-37	0.9	74
337	The CTRB1/2 locus affects diabetes susceptibility and treatment via the incretin pathway. *Diabetes*, **2013**, 62, 3275-81	0.9	63
336	Genetic risk score of 46 type 2 diabetes risk variants associates with changes in plasma glucose and estimates of pancreatic Ecell function over 5 years of follow-up. *Diabetes*, **2013**, 62, 3610-7	0.9	36
335	Chronic Mild Hyperglycemia in GCK-MODY Patients Does Not Increase Carotid Intima-Media Thickness. *International Journal of Endocrinology*, **2013**, 2013, 718254	2.7	11
334	Gene Ephysical activity interactions in obesity: combined analysis of 111,421 individuals of European ancestry. *PLoS Genetics*, **2013**, 9, e1003607	6	145
333	Genetic architecture of vitamin B12 and folate levels uncovered applying deeply sequenced large datasets. *PLoS Genetics*, **2013**, 9, e1003530	6	72
332	Mendelian randomization studies do not support a causal role for reduced circulating adiponectin levels in insulin resistance and type 2 diabetes. *Diabetes*, **2013**, 62, 3589-98	0.9	95
331	Slimming down via the microbiota. *Nature Medicine*, **2013**, 19, 1374-5	50.5	1
330	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. *Nature Genetics*, **2013**, 45, 76-82	36.3	232
329	Solute carrier family 2 member 1 is involved in the development of nonalcoholic fatty liver disease. *Hepatology*, **2013**, 57, 505-14	11.2	18
328	What is the contribution of two genetic variants regulating VEGF levels to type 2 diabetes risk and to microvascular complications?. *PLoS ONE*, **2013**, 8, e55921	3.7	32
327	Does DNA methylation of PPARGC1A influence insulin action in first degree relatives of patients with type 2 diabetes?. *PLoS ONE*, **2013**, 8, e58384	3.7	22

326	Omics-driven discoveries in prevention and treatment of type 2 diabetes. *European Journal of Clinical Investigation*, **2012**, 42, 579-88	4.6	14
325	Association studies of novel obesity-related gene variants with quantitative metabolic phenotypes in a population-based sample of 6,039 Danish individuals. *Diabetologia*, **2012**, 55, 105-13	10.3	31
324	Common variation in oxidative phosphorylation genes is not a major cause of insulin resistance or type 2 diabetes. *Diabetologia*, **2012**, 55, 340-8	10.3	5
323	Apolipoprotein(a) genetic sequence variants associated with systemic atherosclerosis and coronary atherosclerotic burden but not with venous thromboembolism. *Journal of the American College of Cardiology*, **2012**, 60, 722-9	15.1	118
322	A metagenome-wide association study of gut microbiota in type 2 diabetes. *Nature*, **2012**, 490, 55-60	50.4	3779
321	The effect of FOXA2 rs1209523 on glucose-related phenotypes and risk of type 2 diabetes in Danish individuals. *BMC Medical Genetics*, **2012**, 13, 10	2.1	10
320	A genome-wide association search for type 2 diabetes genes in African Americans. *PLoS ONE*, **2012**, 7, e29202	3.7	138
319	The PNPLA3 rs738409 G-allele associates with reduced fasting serum triglyceride and serum cholesterol in Danes with impaired glucose regulation. *PLoS ONE*, **2012**, 7, e40376	3.7	25
318	Genetic variant SLC2A2 [corrected] Is associated with risk of cardiovascular disease assessing the individual and cumulative effect of 46 type 2 diabetes related genetic variants. *PLoS ONE*, **2012**, 7, e50418	3.7	16
317	The Danish Centre for Strategic Research in Type 2 Diabetes (DD2) Project: rationale and planned nationwide studies of genetic predictors, physical exercise, and individualized pharmacological treatment. *Clinical Epidemiology*, **2012**, 4, 7-13	5.9	7
316	Fasting and oral glucose-stimulated levels of glucose-dependent insulinotropic polypeptide (GIP) and glucagon-like peptide-1 (GLP-1) are highly familial traits. *Diabetologia*, **2012**, 55, 1338-45	10.3	23
315	Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. *PLoS Genetics*, **2012**, 8, e1002607	6	326
314	Validation of a multi-marker model for the prediction of incident type 2 diabetes mellitus: combined results of the Inter99 and Botnia studies. *Diabetes and Vascular Disease Research*, **2012**, 9, 59-67	2.3	16
313	No interactions between previously associated 2-hour glucose gene variants and physical activity or BMI on 2-hour glucose levels. *Diabetes*, **2012**, 61, 1291-6	0.9	21
312	TFAP2B influences the effect of dietary fat on weight loss under energy restriction. *PLoS ONE*, **2012**, 7, e43212	3.7	28
311	A germline variant in the TP53 polyadenylation signal confers cancer susceptibility. *Nature Genetics*, **2011**, 43, 1098-103	36.3	203
310	The effects of adding group-based lifestyle counselling to individual counselling on changes in plasma glucose levels in a randomized controlled trial: the Inter99 study. *Diabetes and Metabolism*, **2011**, 37, 546-52	5.4	11
309	Intrafamilial Variability of Early-Onset Diabetes due to an INS Mutation. *Case Reports in Genetics*, **2011**, 2011, 258978	0.7	

308	Bioinformatics-driven identification and examination of candidate genes for non-alcoholic fatty liver disease. *PLoS ONE*, **2011**, 6, e16542	3.7	19
307	Influences of the common FTO rs9939609 variant on inflammatory markers throughout a broad range of body mass index. *PLoS ONE*, **2011**, 6, e15958	3.7	27
306	Allelic variants of melanocortin 3 receptor gene (MC3R) and weight loss in obesity: a randomised trial of hypo-energetic high- versus low-fat diets. *PLoS ONE*, **2011**, 6, e19934	3.7	23
305	Comparison of accuracy of diabetes risk score and components of the metabolic syndrome in assessing risk of incident type 2 diabetes in Inter99 cohort. *PLoS ONE*, **2011**, 6, e22863	3.7	12
304	The effect of PCSK1 variants on waist, waist-hip ratio and glucose metabolism is modified by sex and glucose tolerance status. *PLoS ONE*, **2011**, 6, e23907	3.7	20
303	Genome-wide population-based association study of extremely overweight young adults--the GOYA study. *PLoS ONE*, **2011**, 6, e24303	3.7	90
302	The birth weight lowering C-allele of rs900400 near LEKR1 and CCNL1 associates with elevated insulin release following an oral glucose challenge. *PLoS ONE*, **2011**, 6, e27096	3.7	12
301	Familial mild hyperglycemia associated with a novel ABCC8-V84I mutation within three generations. *Pediatric Diabetes*, **2011**, 12, 266-9	3.6	11
300	The influence of parental history of diabetes and offspring birthweight on offspring glucose metabolism in adulthood. *Acta Obstetricia Et Gynecologica Scandinavica*, **2011**, 90, 1357-63	3.8	2
299	Enterotypes of the human gut microbiome. *Nature*, **2011**, 473, 174-80	50.4	4240
298	Mechanism-based population modelling for assessment of L-cell function based on total GLP-1 response following an oral glucose tolerance test. *Journal of Pharmacokinetics and Pharmacodynamics*, **2011**, 38, 713-25	2.7	10
297	A role for coding functional variants in HNF4A in type 2 diabetes susceptibility. *Diabetologia*, **2011**, 54, 111-9	10.3	24
296	Carriers of the TCF7L2 rs7903146 TT genotype have elevated levels of plasma glucose, serum proinsulin and plasma gastric inhibitory polypeptide (GIP) during a meal test. *Diabetologia*, **2011**, 54, 103-10	10.3	22
295	The diabetogenic VPS13C/C2CD4A/C2CD4B rs7172432 variant impairs glucose-stimulated insulin response in 5,722 non-diabetic Danish individuals. *Diabetologia*, **2011**, 54, 789-94	10.3	26
294	Glucose tolerance, insulin sensitivity and insulin release in European non-diabetic carriers of a polymorphism upstream of CDKN2A and CDKN2B. *Diabetologia*, **2011**, 54, 795-802	10.3	26
293	Type 2 diabetes risk allele near CENTD2 is associated with decreased glucose-stimulated insulin release. *Diabetologia*, **2011**, 54, 1052-6	10.3	34
292	Homozygous carriers of the G allele of rs4664447 of the glucagon gene (GCG) are characterised by decreased fasting and stimulated levels of insulin, glucagon and glucagon-like peptide (GLP)-1. *Diabetologia*, **2011**, 54, 2820-31	10.3	14
291	The minor C-allele of rs2014355 in ACADS is associated with reduced insulin release following an oral glucose load. *BMC Medical Genetics*, **2011**, 12, 4	2.1	10

290	Studies of a genetic variant in HK1 in relation to quantitative metabolic traits and to the prevalence of type 2 diabetes. *BMC Medical Genetics*, **2011**, 12, 99	2.1	4
289	Genome wide association study identifies KCNMA1 contributing to human obesity. *BMC Medical Genomics*, **2011**, 4, 51	3.7	68
288	Estimation of allele frequency and association mapping using next-generation sequencing data. *BMC Bioinformatics*, **2011**, 12, 231	3.6	126
287	The FOXO3A rs2802292 G-allele associates with improved peripheral and hepatic insulin sensitivity and increased skeletal muscle-FOXO3A mRNA expression in twins. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E119-24	5.6	36
286	A possible association between a dysfunctional skin barrier (filaggrin null-mutation status) and diabetes: a cross-sectional study. *BMJ Open*, **2011**, 1, e000062	3	28
285	Improved glycemic control induced by both metformin and repaglinide is associated with a reduction in blood levels of 3-deoxyglucosone in nonobese patients with type 2 diabetes. *European Journal of Endocrinology*, **2011**, 164, 371-9	6.5	11
284	Natural selection affects multiple aspects of genetic variation at putatively neutral sites across the human genome. *PLoS Genetics*, **2011**, 7, e1002326	6	107
283	Physical activity attenuates the influence of FTO variants on obesity risk: a meta-analysis of 218,166 adults and 19,268 children. *PLoS Medicine*, **2011**, 8, e1001116	11.6	379
282	Associations between APOE variants and metabolic traits and the impact of psychological stress. *PLoS ONE*, **2011**, 6, e15745	3.7	8
281	Studies of the association of Arg72Pro of tumor suppressor protein p53 with type 2 diabetes in a combined analysis of 55,521 Europeans. *PLoS ONE*, **2011**, 6, e15813	3.7	41
280	Implications of central obesity-related variants in LYPLAL1, NRXN3, MSRA, and TFAP2B on quantitative metabolic traits in adult Danes. *PLoS ONE*, **2011**, 6, e20640	3.7	36
279	Studies of metabolic phenotypic correlates of 15 obesity associated gene variants. *PLoS ONE*, **2011**, 6, e23531	3.7	46
278	Obesity-related polymorphisms and their associations with the ability to regulate fat oxidation in obese Europeans: the NUGENOB study. *Obesity*, **2010**, 18, 1369-77	8	42
277	Common variants near MC4R in relation to body fat, body fat distribution, metabolic traits and energy expenditure. *International Journal of Obesity*, **2010**, 34, 182-9	5.5	27
276	A human gut microbial gene catalogue established by metagenomic sequencing. *Nature*, **2010**, 464, 59-65	30.4	7044
275	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. *Nature Genetics*, **2010**, 42, 142-8	36.3	527
274	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. *Nature Genetics*, **2010**, 42, 579-89	36.3	1449
273	Genome-wide association study identifies a sequence variant within the DAB2IP gene conferring susceptibility to abdominal aortic aneurysm. *Nature Genetics*, **2010**, 42, 692-7	36.3	155

272	A genome-wide association study in the Japanese population identifies susceptibility loci for type 2 diabetes at UBE2E2 and C2CD4A-C2CD4B. *Nature Genetics*, **2010**, 42, 864-8	36.3	214
271	Resequencing of 200 human exomes identifies an excess of low-frequency non-synonymous coding variants. *Nature Genetics*, **2010**, 42, 969-72	36.3	264
270	Meta-analysis identifies 13 new loci associated with waist-hip ratio and reveals sexual dimorphism in the genetic basis of fat distribution. *Nature Genetics*, **2010**, 42, 949-60	36.3	724
269	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. *Nature Genetics*, **2010**, 42, 937-48	36.3	2267
268	Glucokinase diabetes in 103 families from a country-based study in the Czech Republic: geographically restricted distribution of two prevalent GCK mutations. *Pediatric Diabetes*, **2010**, 11, 529-35	3.6	36
267	Family and population-based studies of variation within the ghrelin receptor locus in relation to measures of obesity. *PLoS ONE*, **2010**, 5, e10084	3.7	12
266	The association of alcohol and alcohol metabolizing gene variants with diabetes and coronary heart disease risk factors in a white population. *PLoS ONE*, **2010**, 5, e11735	3.7	29
265	Insulin gene mutations resulting in early-onset diabetes: marked differences in clinical presentation, metabolic status, and pathogenic effect through endoplasmic reticulum retention. *Diabetes*, **2010**, 59, 653-61	0.9	112
264	Genetic evidence that raised sex hormone binding globulin (SHBG) levels reduce the risk of type 2 diabetes. *Human Molecular Genetics*, **2010**, 19, 535-44	5.6	150
263	The T-allele of TCF7L2 rs7903146 associates with a reduced compensation of insulin secretion for insulin resistance induced by 9 days of bed rest. *Diabetes*, **2010**, 59, 836-43	0.9	29
262	MTNR1B G24E variant associates With BMI and fasting plasma glucose in the general population in studies of 22,142 Europeans. *Diabetes*, **2010**, 59, 1539-48	0.9	37
261	Studies of association between LPIN1 variants and common metabolic phenotypes among 17,538 Danes. *European Journal of Endocrinology*, **2010**, 163, 81-7	6.5	13
260	TCF7L2 rs7903146-macronutrient interaction in obese individualsQresponses to a 10-wk randomized hypoenergetic diet. *American Journal of Clinical Nutrition*, **2010**, 91, 472-9	7	48
259	Combined analyses of 20 common obesity susceptibility variants. *Diabetes*, **2010**, 59, 1667-73	0.9	51
258	A single nucleotide polymorphism within the acetyl-coenzyme A carboxylase beta gene is associated with proteinuria in patients with type 2 diabetes. *PLoS Genetics*, **2010**, 6, e1000842	6	73
257	Impact of rs361072 in the phosphoinositide 3-kinase p110beta gene on whole-body glucose metabolism and subunit protein expression in skeletal muscle. *Diabetes*, **2010**, 59, 1108-12	0.9	3
256	LMNA rs4641 and the muscle lamin A and C isoforms in twins--metabolic implications and transcriptional regulation. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, 3884-92	5.6	11
255	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

254	Genetic determinants of both ethanol and acetaldehyde metabolism influence alcohol hypersensitivity and drinking behaviour among Scandinavians. *Clinical and Experimental Allergy*, **2010**, 40, 123-30	4.1	51
253	Impact of size at birth and prematurity on adult anthropometry in 4744 middle-aged Danes - The Inter99 study. *Journal of Developmental Origins of Health and Disease*, **2010**, 1, 319-28	2.4	10
252	Identification of KCNJ15 as a susceptibility gene in Asian patients with type 2 diabetes mellitus. *American Journal of Human Genetics*, **2010**, 86, 54-64	11	45
251	Variants at DGKB/TMEM195, ADRA2A, GLIS3 and C2CD4B loci are associated with reduced glucose-stimulated beta cell function in middle-aged Danish people. *Diabetologia*, **2010**, 53, 1647-55	10.3	76
250	Type 2 diabetes risk alleles near ADCY5, CDKAL1 and HHEX-IDE are associated with reduced birthweight. *Diabetologia*, **2010**, 53, 1908-16	10.3	56
249	Low birthweight and premature birth are both associated with type 2 diabetes in a random sample of middle-aged Danes. *Diabetologia*, **2010**, 53, 2526-30	10.3	68
248	Mutations in the VNTR of the carboxyl-ester lipase gene (CEL) are a rare cause of monogenic diabetes. *Human Genetics*, **2010**, 127, 55-64	6.3	44
247	Predictive performance for population models using stochastic differential equations applied on data from an oral glucose tolerance test. *Journal of Pharmacokinetics and Pharmacodynamics*, **2010**, 37, 85-98	2.7	9
246	Design of association studies with pooled or un-pooled next-generation sequencing data. *Genetic Epidemiology*, **2010**, 34, 479-91	2.6	69
245	Further evidence that mutations in INS can be a rare cause of Maturity-Onset Diabetes of the Young (MODY). *BMC Medical Genetics*, **2010**, 11, 42	2.1	62
244	Do gene variants influencing adult adiposity affect birth weight? A population-based study of 24 loci in 4,744 Danish individuals. *PLoS ONE*, **2010**, 5, e14190	3.7	20
243	Variation in CHI3LI in relation to type 2 diabetes and related quantitative traits. *PLoS ONE*, **2009**, 4, e5469	3.7	9
242	The type 2 diabetes associated minor allele of rs2237895 KCNQ1 associates with reduced insulin release following an oral glucose load. *PLoS ONE*, **2009**, 4, e5872	3.7	40
241	Polymorphisms of serotonin receptor 2A and 2C genes and COMT in relation to obesity and type 2 diabetes. *PLoS ONE*, **2009**, 4, e6696	3.7	52
240	No consistent effect of ADRB2 haplotypes on obesity, hypertension and quantitative traits of body fatness and blood pressure among 6,514 adult Danes. *PLoS ONE*, **2009**, 4, e7206	3.7	14
239	Validation of a multimarker model for assessing risk of type 2 diabetes from a five-year prospective study of 6784 Danish people (Inter99). *Journal of Diabetes Science and Technology*, **2009**, 3, 748-55	4.1	34
238	G-allele of intronic rs10830963 in MTNR1B confers increased risk of impaired fasting glycemia and type 2 diabetes through an impaired glucose-stimulated insulin release: studies involving 19,605 Europeans. *Diabetes*, **2009**, 58, 1450-6	0.9	111
237	Regulation and function of FTO mRNA expression in human skeletal muscle and subcutaneous adipose tissue. *Diabetes*, **2009**, 58, 2402-8	0.9	85

236	Progression to impaired glucose regulation and diabetes in the population-based Inter99 study. *Diabetes Care*, **2009**, 32, 606-11	14.6	42
235	Past and current body size affect validity of reported energy intake among middle-aged Danish men. *Journal of Nutrition*, **2009**, 139, 2337-43	4.1	21
234	Increased recovery rates of phosphocreatine and inorganic phosphate after isometric contraction in oxidative muscle fibers and elevated hepatic insulin resistance in homozygous carriers of the A-allele of FTO rs9939609. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 596-602	5.6	26
233	Identification of the UBP1 locus as a critical blood pressure determinant using a combination of mouse and human genetics. *PLoS Genetics*, **2009**, 5, e1000591	6	45
232	Common type 2 diabetes risk gene variants associate with gestational diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 145-50	5.6	169
231	Combining insulin with metformin or an insulin secretagogue in non-obese patients with type 2 diabetes: 12 month, randomised, double blind trial. *BMJ, The*, **2009**, 339, b4324	5.9	27
230	Identification of novel variants in the hepatocyte nuclear factor-1alpha gene in South Indian patients with maturity onset diabetes of young. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 1959-65	5.6	31
229	Variants near MC4R are associated with obesity and influence obesity-related quantitative traits in a population of middle-aged people: studies of 14,940 Danes. *Diabetes*, **2009**, 58, 757-64	0.9	69
228	Genetic variant in HK1 is associated with a proanemic state and A1C but not other glycemic control-related traits. *Diabetes*, **2009**, 58, 2687-97	0.9	29
227	Variation in the gene encoding Krüppel-like factor 7 influences body fat: studies of 14 818 Danes. *European Journal of Endocrinology*, **2009**, 160, 603-9	6.5	37
226	Development of a type 2 diabetes risk model from a panel of serum biomarkers from the Inter99 cohort. *Diabetes Care*, **2009**, 32, 1207-12	14.6	126
225	Dietary patterns predict changes in two-hour post-oral glucose tolerance test plasma glucose concentrations in middle-aged adults. *Journal of Nutrition*, **2009**, 139, 588-93	4.1	7
224	The T allele of rs7903146 TCF7L2 is associated with impaired insulinotropic action of incretin hormones, reduced 24 h profiles of plasma insulin and glucagon, and increased hepatic glucose production in young healthy men. *Diabetologia*, **2009**, 52, 1298-307	10.3	108
223	Combined analysis of 19 common validated type 2 diabetes susceptibility gene variants shows moderate discriminative value and no evidence of gene-gene interaction. *Diabetologia*, **2009**, 52, 1308-14	10.3	51
222	A variant in the G6PC2/ABCB11 locus is associated with increased fasting plasma glucose, increased basal hepatic glucose production and increased insulin release after oral and intravenous glucose loads. *Diabetologia*, **2009**, 52, 2122-9	10.3	28
221	Studies of CTNNBL1 and FDFT1 variants and measures of obesity: analyses of quantitative traits and case-control studies in 18,014 Danes. *BMC Medical Genetics*, **2009**, 10, 17	2.1	13
220	Genetic association analysis of 13 nuclear-encoded mitochondrial candidate genes with type II diabetes mellitus: the DAMAGE study. *European Journal of Human Genetics*, **2009**, 17, 1056-62	5.3	12
219	Genome-wide association yields new sequence variants at seven loci that associate with measures of obesity. *Nature Genetics*, **2009**, 41, 18-24	36.3	1085

218	A variant near MTNR1B is associated with increased fasting plasma glucose levels and type 2 diabetes risk. *Nature Genetics*, **2009**, 41, 89-94	36.3	466
217	Genetic variant near IRS1 is associated with type 2 diabetes, insulin resistance and hyperinsulinemia. *Nature Genetics*, **2009**, 41, 1110-5	36.3	356
216	Functional SOCS1 polymorphisms are associated with variation in obesity in whites. *Diabetes, Obesity and Metabolism*, **2009**, 11, 196-203	6.7	20
215	Predictors of future fasting and 2-h post-OGTT plasma glucose levels in middle-aged men and women-the Inter99 study. *Diabetic Medicine*, **2009**, 26, 377-83	3.5	25
214	Intensified multifactorial treatment of patients with Type 2 diabetes: what can be achieved and does it pay off?. *Journal of Diabetes*, **2009**, 1, 83-9	3.8	4
213	Association of polymorphisms of the CHI3L1 gene with asthma and atopy: a populations-based study of 6514 Danish adults. *PLoS ONE*, **2009**, 4, e6106	3.7	41
212	Joint analysis of individual participantsQdata from 17 studies on the association of the IL6 variant -174G>C with circulating glucose levels, interleukin-6 levels, and body mass index. *Annals of Medicine*, **2009**, 41, 128-38	1.5	47
211	Overweight and the metabolic syndrome in adult offspring of women with diet-treated gestational diabetes mellitus or type 1 diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 2464-70	5.6	304
210	Fatness-associated FTO gene variant increases mortality independent of fatness--in cohorts of Danish men. *PLoS ONE*, **2009**, 4, e4428	3.7	40
209	Variant near ADAMTS9 known to associate with type 2 diabetes is related to insulin resistance in offspring of type 2 diabetes patients--EUGENE2 study. *PLoS ONE*, **2009**, 4, e7236	3.7	43
208	Impact on weight dynamics and general growth of the common FTO rs9939609: a longitudinal Danish cohort study. *International Journal of Obesity*, **2008**, 32, 1388-94	5.5	55
207	Many sequence variants affecting diversity of adult human height. *Nature Genetics*, **2008**, 40, 609-15	36.3	522
206	Common nonsynonymous variants in PCSK1 confer risk of obesity. *Nature Genetics*, **2008**, 40, 943-5	36.3	242
205	SNPs in KCNQ1 are associated with susceptibility to type 2 diabetes in East Asian and European populations. *Nature Genetics*, **2008**, 40, 1098-102	36.3	555
204	The same sequence variant on 9p21 associates with myocardial infarction, abdominal aortic aneurysm and intracranial aneurysm. *Nature Genetics*, **2008**, 40, 217-24	36.3	596
203	Autosomal inheritance of diabetes in two families characterized by obesity and a novel H241Q mutation in NEUROD1. *Pediatric Diabetes*, **2008**, 9, 367-72	3.6	29
202	Effect of a multifactorial intervention on mortality in type 2 diabetes. *New England Journal of Medicine*, **2008**, 358, 580-91	59.2	2457
201	Association of the beta3-adrenergic receptor Trp64Arg polymorphism with common metabolic traits: studies of 7605 middle-aged white people. *Molecular Genetics and Metabolism*, **2008**, 94, 90-7	3.7	19

200	The PPAR gamma 2 Pro12Ala variant predicts ESRD and mortality in patients with type 1 diabetes and diabetic nephropathy. *Molecular Genetics and Metabolism*, **2008**, 94, 347-51	3.7	21
199	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
198	The Gly482Ser genotype at the PPARGC1A gene and elevated blood pressure: a meta-analysis involving 13,949 individuals. *Journal of Applied Physiology*, **2008**, 105, 1352-8	3.7	24
197	Cost-effectiveness of intensified versus conventional multifactorial intervention in type 2 diabetes: results and projections from the Steno-2 study. *Diabetes Care*, **2008**, 31, 1510-5	14.6	111
196	High prevalence of type 2 diabetes and pre-diabetes in adult offspring of women with gestational diabetes mellitus or type 1 diabetes: the role of intrauterine hyperglycemia. *Diabetes Care*, **2008**, 31, 340-6	14.6	481
195	Low physical activity accentuates the effect of the FTO rs9939609 polymorphism on body fat accumulation. *Diabetes*, **2008**, 57, 95-101	0.9	386
194	AHSG tag single nucleotide polymorphisms associate with type 2 diabetes and dyslipidemia: studies of metabolic traits in 7,683 white Danish subjects. *Diabetes*, **2008**, 57, 1427-32	0.9	42
193	Genotype-phenotype associations in obesity dependent on definition of the obesity phenotype. *Obesity Facts*, **2008**, 1, 138-45	5.1	32
192	The -250G>A promoter variant in hepatic lipase associates with elevated fasting serum high-density lipoprotein cholesterol modulated by interaction with physical activity in a study of 16,156 Danish subjects. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 2294-9	5.6	27
191	Association of variants in the sterol regulatory element-binding factor 1 (SREBF1) gene with type 2 diabetes, glycemia, and insulin resistance: a study of 15,734 Danish subjects. *Diabetes*, **2008**, 57, 1136-42	0.9	36
190	A candidate type 2 diabetes polymorphism near the HHEX locus affects acute glucose-stimulated insulin release in European populations: results from the EUGENE2 study. *Diabetes*, **2008**, 57, 514-7	0.9	47
189	Association testing of novel type 2 diabetes risk alleles in the JAZF1, CDC123/CAMK1D, TSPAN8, THADA, ADAMTS9, and NOTCH2 loci with insulin release, insulin sensitivity, and obesity in a population-based sample of 4,516 glucose-tolerant middle-aged Danes. *Diabetes*, **2008**, 57, 2534-40	0.9	116
188	Impact of metformin versus the prandial insulin secretagogue, repaglinide, on fasting and postprandial glucose and lipid responses in non-obese patients with type 2 diabetes. *European Journal of Endocrinology*, **2008**, 158, 35-46	6.5	23
187	Impact of metformin versus repaglinide on non-glycaemic cardiovascular risk markers related to inflammation and endothelial dysfunction in non-obese patients with type 2 diabetes. *European Journal of Endocrinology*, **2008**, 158, 631-41	6.5	75
186	Endocannabinoid receptor 1 gene variations increase risk for obesity and modulate body mass index in European populations. *Human Molecular Genetics*, **2008**, 17, 1916-21	5.6	76
185	Genetic analysis of Kruppel-like zinc finger 11 variants in 5864 Danish individuals: potential effect on insulin resistance and modified signal transducer and activator of transcription-3 binding by promoter variant -1659G>C. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 3128-35	5.6	12
184	Single-nucleotide polymorphism rs7754840 of CDKAL1 is associated with impaired insulin secretion in nondiabetic offspring of type 2 diabetic subjects and in a large sample of men with normal glucose tolerance. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 1924-30	5.6	71
183	Impact of TCF7L2 rs7903146 on insulin secretion and action in young and elderly Danish twins. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 4013-9	5.6	51

182	Lack of association of fatness-related FTO gene variants with energy expenditure or physical activity. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 2904-8	5.6	86
181	The KCNMB1 Glu65Lys polymorphism associates with reduced systolic and diastolic blood pressure in the Inter99 study of 5729 Danes. *Journal of Hypertension*, **2008**, 26, 2142-6	1.9	20
180	Non-replication of genome-wide based associations between common variants in INSIG2 and PFKP and obesity in studies of 18,014 Danes. *PLoS ONE*, **2008**, 3, e2872	3.7	41
179	The GCKR rs780094 polymorphism is associated with elevated fasting serum triacylglycerol, reduced fasting and OGTT-related insulinaemia, and reduced risk of type 2 diabetes. *Diabetologia*, **2008**, 51, 70-5	10.3	137
178	Insulin sensitivity, insulin release and glucagon-like peptide-1 levels in persons with impaired fasting glucose and/or impaired glucose tolerance in the EUGENE2 study. *Diabetologia*, **2008**, 51, 502-11	10.3	121
177	Polymorphisms in AHI1 are not associated with type 2 diabetes or related phenotypes in Danes: non-replication of a genome-wide association result. *Diabetologia*, **2008**, 51, 609-14	10.3	1
176	Impaired fasting glycaemia vs impaired glucose tolerance: similar impairment of pancreatic alpha and beta cell function but differential roles of incretin hormones and insulin action. *Diabetologia*, **2008**, 51, 853-61	10.3	103
175	The common SLC30A8 Arg325Trp variant is associated with reduced first-phase insulin release in 846 non-diabetic offspring of type 2 diabetes patients--the EUGENE2 study. *Diabetologia*, **2008**, 51, 816-20	10.3	101
174	Impact of polymorphisms in WFS1 on prediabetic phenotypes in a population-based sample of middle-aged people with normal and abnormal glucose regulation. *Diabetologia*, **2008**, 51, 1646-52	10.3	40
173	Lack of association between PKLR rs3020781 and NOS1AP rs7538490 and type 2 diabetes, overweight, obesity and related metabolic phenotypes in a Danish large-scale study: case-control studies and analyses of quantitative traits. *BMC Medical Genetics*, **2008**, 9, 118	2.1	11
172	Seven mutations in the human insulin gene linked to permanent neonatal/infancy-onset diabetes mellitus. *Journal of Clinical Investigation*, **2008**, 118, 2148-56	15.9	158
171	Variations in the G6PC2/ABCB11 genomic region are associated with fasting glucose levels. *Journal of Clinical Investigation*, **2008**, 118, 2620-8	15.9	127
170	FTO gene associated fatness in relation to body fat distribution and metabolic traits throughout a broad range of fatness. *PLoS ONE*, **2008**, 3, e2958	3.7	56
169	Variance of the SGK1 gene is associated with insulin secretion in different European populations: results from the TUEF, EUGENE2, and METSIM studies. *PLoS ONE*, **2008**, 3, e3506	3.7	13
168	Refining the impact of TCF7L2 gene variants on type 2 diabetes and adaptive evolution. *Nature Genetics*, **2007**, 39, 218-25	36.3	420
167	A variant in CDKAL1 influences insulin response and risk of type 2 diabetes. *Nature Genetics*, **2007**, 39, 770-5	36.3	851
166	Two variants on chromosome 17 confer prostate cancer risk, and the one in TCF2 protects against type 2 diabetes. *Nature Genetics*, **2007**, 39, 977-83	36.3	616
165	Genetic analysis of the estrogen-related receptor alpha and studies of association with obesity and type 2 diabetes. *International Journal of Obesity*, **2007**, 31, 365-70	5.5	12

164	The functional Pro129Thr variant of the FAAH gene is not associated with various fat accumulation phenotypes in a population-based cohort of 5,801 whites. *Journal of Molecular Medicine*, **2007**, 85, 445-9	5.5	45
163	Studies of the associations between functional beta2-adrenergic receptor variants and obesity, hypertension and type 2 diabetes in 7,808 white subjects. *Diabetologia*, **2007**, 50, 563-8	10.3	51
162	Polymorphisms in the 3QUTR in the neurocalcin delta gene affect mRNA stability, and confer susceptibility to diabetic nephropathy. *Human Genetics*, **2007**, 122, 397-407	6.3	54
161	Studies of the common DIO2 Thr92Ala polymorphism and metabolic phenotypes in 7342 Danish white subjects. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 363-6	5.6	51
160	Rosiglitazone monotherapy for type 2 diabetes mellitus-too soon to ADOPT?. *Nature Clinical Practice Endocrinology and Metabolism*, **2007**, 3, 456-7		
159	Common variation in LMNA increases susceptibility to type 2 diabetes and associates with elevated fasting glycemia and estimates of body fat and height in the general population: studies of 7,495 Danish whites. *Diabetes*, **2007**, 56, 694-8	0.9	30
158	Melanocortin 4 receptor mutations in obese Czech children: studies of prevalence, phenotype development, weight reduction response, and functional analysis. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 3689-96	5.6	59
157	Studies of association of variants near the HHEX, CDKN2A/B, and IGF2BP2 genes with type 2 diabetes and impaired insulin release in 10,705 Danish subjects: validation and extension of genome-wide association studies. *Diabetes*, **2007**, 56, 3105-11	0.9	207
156	A Bayesian multilocus association method: allowing for higher-order interaction in association studies. *Genetics*, **2007**, 176, 1197-208	4	8
155	The BIGTT test: a novel test for simultaneous measurement of pancreatic beta-cell function, insulin sensitivity, and glucose tolerance. *Diabetes Care*, **2007**, 30, 257-62	14.6	77
154	Relationships between the functional PPARalpha Leu162Val polymorphism and obesity, type 2 diabetes, dyslipidaemia, and related quantitative traits in studies of 5799 middle-aged white people. *Molecular Genetics and Metabolism*, **2007**, 90, 205-9	3.7	36
153	Studies of association of the CASQ1 rs2275703 polymorphism in relation to type 2 diabetes and related quantitative metabolic traits among 7,088 Danish whites. *Molecular Genetics and Metabolism*, **2007**, 92, 278-82	3.7	2
152	A common haplotype in the G-protein-coupled receptor gene GPR74 is associated with leanness and increased lipolysis. *American Journal of Human Genetics*, **2007**, 80, 1115-24	11	18
151	Multifactorial Intervention in Type 2 Diabetes **2007**, 153-163		
150	Variants in the 5Qregion of the neuropeptide Y receptor Y2 gene (NPY2R) are associated with obesity in 5,971 white subjects. *Diabetologia*, **2006**, 49, 2653-8	10.3	27
149	Genetic polymorphisms and weight loss in obesity: a randomised trial of hypo-energetic high- versus low-fat diets. *PLOS Clinical Trials*, **2006**, 1, e12		50
148	Association between neuromedin U gene variants and overweight and obesity. *Journal of Clinical Endocrinology and Metabolism*, **2006**, 91, 5057-63	5.6	52
147	The HADHSC gene encoding short-chain L-3-hydroxyacyl-CoA dehydrogenase (SCHAD) and type 2 diabetes susceptibility: the DAMAGE study. *Diabetes*, **2006**, 55, 3193-6	0.9	6

146	IL6 gene promoter polymorphisms and type 2 diabetes: joint analysis of individual participantsQ data from 21 studies. *Diabetes*, **2006**, 55, 2915-21	0.9	91
145	EIF4A2 is a positional candidate gene at the 3q27 locus linked to type 2 diabetes in French families. *Diabetes*, **2006**, 55, 1171-6	0.9	19
144	A novel -192c/g mutation in the proximal P2 promoter of the hepatocyte nuclear factor-4 alpha gene (HNF4A) associates with late-onset diabetes. *Diabetes*, **2006**, 55, 1869-73	0.9	9
143	Lens fluorescence in relation to glucose tolerance and genetic predisposition to type 2 diabetes mellitus in a population-based study. *Current Eye Research*, **2006**, 31, 733-8	2.9	8
142	PROactive study. *Lancet, The*, **2006**, 367, 23-4; author reply 26-7	40	10
141	Association of the calpain-10 gene with type 2 diabetes in Europeans: results of pooled and meta-analyses. *Molecular Genetics and Metabolism*, **2006**, 89, 174-84	3.7	69
140	Variation in CAPN10 in relation to type 2 diabetes, obesity and quantitative metabolic traits: studies in 6018 whites. *Molecular Genetics and Metabolism*, **2006**, 89, 360-7	3.7	20
139	Genotype-by-nutrient interactions assessed in European obese women. A case-only study. *European Journal of Nutrition*, **2006**, 45, 454-62	5.2	38
138	Monitoring kidney function in type 2 diabetic patients with incipient and overt diabetic nephropathy. *Diabetes Care*, **2006**, 29, 1024-30	14.6	27
137	Variation of the McKusick-Kaufman gene and studies of relationships with common forms of obesity. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 225-30	5.6	24
136	PGC-1alpha Gly482Ser polymorphism associates with hypertension among Danish whites. *Hypertension*, **2005**, 45, 565-70	8.5	38
135	The functional Thr130Ile and Val255Met polymorphisms of the hepatocyte nuclear factor-4alpha (HNF4A): gene associations with type 2 diabetes or altered beta-cell function among Danes. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 3054-9	5.6	32
134	Mutation analysis of the preproghrelin gene: no association with obesity and type 2 diabetes. *Clinical Biochemistry*, **2005**, 38, 420-4	3.5	43
133	Genetics of type 2 diabetes mellitus: status and perspectives. *Diabetes, Obesity and Metabolism*, **2005**, 7, 122-35	6.7	53
132	Novel variants in the putative peroxisome proliferator-activated receptor {gamma} promoter and relationships with obesity in men. *Obesity*, **2005**, 13, 953-8		3
131	The N363S polymorphism of the glucocorticoid receptor and metabolic syndrome factors in men. *Obesity*, **2005**, 13, 862-7		15
130	Studies of variations of the cyclin-dependent kinase inhibitor 1C and the cyclin-dependent kinase 4 genes in relation to type 2 diabetes mellitus and related quantitative traits. *Journal of Molecular Medicine*, **2005**, 83, 353-61	5.5	8
129	A statistical approach based on substitution of macronutrients provides additional information to models analyzing single dietary factors in relation to type 2 diabetes in danish adults: the Inter99 study. *Journal of Nutrition*, **2005**, 135, 1177-82	4.1	30

128	Analysis of separate and combined effects of common variation in KCNJ11 and PPARG on risk of type 2 diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 3629-37	5.6	48
127	A prevalent amino acid polymorphism at codon 98 (Ala98Val) of the hepatocyte nuclear factor-1alpha is associated with maturity-onset diabetes of the young and younger age at onset of type 2 diabetes in Asian Indians. *Diabetes Care*, **2005**, 28, 2430-5	14.6	36
126	The prevalence of the metabolic syndrome in a danish population of women with previous gestational diabetes mellitus is three-fold higher than in the general population. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 4004-10	5.6	207
125	Role of transcription factor KLF11 and its diabetes-associated gene variants in pancreatic beta cell function. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 4807-12	11.5	197
124	Evidence of an association between the Arg72 allele of the peptide YY and increased risk of type 2 diabetes. *Diabetes*, **2005**, 54, 2261-5	0.9	27
123	Evidence that the mitochondrial leucyl tRNA synthetase (LARS2) gene represents a novel type 2 diabetes susceptibility gene. *Diabetes*, **2005**, 54, 1892-5	0.9	41
122	Prevalence of mutations and functional analyses of melanocortin 4 receptor variants identified among 750 men with juvenile-onset obesity. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 219-24	5.6	140
121	A -30G>A polymorphism of the beta-cell-specific glucokinase promoter associates with hyperglycemia in the general population of whites. *Diabetes*, **2005**, 54, 3026-31	0.9	48
120	Mutation analysis of the MCHR1 gene in human obesity. *European Journal of Endocrinology*, **2005**, 152, 851-62	6.5	30
119	Dietary glycemic index, glycemic load, fiber, simple sugars, and insulin resistance: the Inter99 study. *Diabetes Care*, **2005**, 28, 1397-403	14.6	139
118	Variation in NCB5OR: studies of relationships to type 2 diabetes, maturity-onset diabetes of the young, and gestational diabetes mellitus. *Diabetes*, **2004**, 53, 2992-7	0.9	6
117	Remission to normoalbuminuria during multifactorial treatment preserves kidney function in patients with type 2 diabetes and microalbuminuria. *Nephrology Dialysis Transplantation*, **2004**, 19, 2784-8	4.3	144
116	Target intervention against multiple-risk markers to reduce cardiovascular disease in patients with type 2 diabetes. *Annals of Medicine*, **2004**, 36, 355-66	1.5	14
115	Increasing incidence of diabetes after gestational diabetes: a long-term follow-up in a Danish population. *Diabetes Care*, **2004**, 27, 1194-9	14.6	193
114	Variation in the interleukin-6 receptor gene associates with type 2 diabetes in Danish whites. *Diabetes*, **2004**, 53, 3342-5	0.9	56
113	Intensive integrated therapy of type 2 diabetes: implications for long-term prognosis. *Diabetes*, **2004**, 53 Suppl 3, S39-47	0.9	77
112	A novel syndrome of autosomal-dominant hyperinsulinemic hypoglycemia linked to a mutation in the human insulin receptor gene. *Diabetes*, **2004**, 53, 1592-8	0.9	93
111	Studies of the Ala/Val98 polymorphism of the hepatocyte nuclear factor-1alpha gene and the relationship to beta-cell function during an OGTT in glucose-tolerant women with and without previous gestational diabetes mellitus. *Diabetic Medicine*, **2004**, 21, 1310-5	3.5	13

110	A common polymorphism in the promoter of the IGF-I gene associates with increased fasting serum triglyceride levels in glucose-tolerant subjects. *Clinical Biochemistry*, **2004**, 37, 660-5	3.5	8
109	Grey-box modelling of pharmacokinetic/pharmacodynamic systems. *Journal of Pharmacokinetics and Pharmacodynamics*, **2004**, 31, 401-17	2.7	23
108	Mutation analysis of NR0B2 among 1545 Danish men identifies a novel c.278G>A (p.G93D) variant with reduced functional activity. *Human Mutation*, **2004**, 24, 381-7	4.7	24
107	Expression profiling of insulin action in human myotubes: induction of inflammatory and pro-angiogenic pathways in relationship with glycogen synthesis and type 2 diabetes. *Biochemical and Biophysical Research Communications*, **2004**, 323, 685-95	3.4	30
106	Maturity-onset diabetes of the young with end-stage nephropathy: a new indication for simultaneous pancreas and kidney transplantation?. *Transplantation*, **2004**, 77, 1298-301	1.8	15
105	A genome-wide scan in families with maturity-onset diabetes of the young: evidence for further genetic heterogeneity. *Diabetes*, **2003**, 52, 872-81	0.9	55
104	Leptin and bone mineral density: a cross-sectional study in obese and nonobese men. *Journal of Clinical Endocrinology and Metabolism*, **2003**, 88, 5795-800	5.6	55
103	Impact of two common polymorphisms in the PPARgamma gene on glucose tolerance and plasma insulin profiles in monozygotic and dizygotic twins: thrifty genotype, thrifty phenotype, or both?. *Diabetes*, **2003**, 52, 194-8	0.9	61
102	. *Pharmacogenetics and Genomics*, **2003**, 13, 417-423		20
101	Impact of low-dose acetylsalicylic acid on kidney function in type 2 diabetic patients with elevated urinary albumin excretion rate. *Nephrology Dialysis Transplantation*, **2003**, 18, 539-42	4.3	9
100	Insulin resistance and maximal oxygen uptake. *Clinical Cardiology*, **2003**, 26, 515-20	3.3	30
99	Mutational analysis of the UCP2 core promoter and relationships of variants with obesity. *Obesity*, **2003**, 11, 1420-7		40
98	Multifactorial intervention and cardiovascular disease in patients with type 2 diabetes. *New England Journal of Medicine*, **2003**, 348, 383-93	59.2	3185
97	Intensified multifactorial intervention and cardiovascular outcome in type 2 diabetes: the Steno-2 study. *Metabolism: Clinical and Experimental*, **2003**, 52, 19-23	12.7	60
96	The E23K variant of Kir6.2 associates with impaired post-OGTT serum insulin response and increased risk of type 2 diabetes. *Diabetes*, **2003**, 52, 573-7	0.9	241
95	A Gly482Ser missense mutation in the peroxisome proliferator-activated receptor gamma coactivator-1 is associated with altered lipid oxidation and early insulin secretion in Pima Indians. *Diabetes*, **2003**, 52, 895-8	0.9	130
94	Genetic variation of the GLUT10 glucose transporter (SLC2A10) and relationships to type 2 diabetes and intermediary traits. *Diabetes*, **2003**, 52, 2445-8	0.9	24
93	Evidence for an association between the Leu162Val polymorphism of the PPARalpha gene and decreased fasting serum triglyceride levels in glucose tolerant subjects. *Pharmacogenetics and Genomics*, **2003**, 13, 417-23		5

92	Fat mass measured by DXA varies with scan velocity. *Obesity*, **2002**, 10, 69-77		24
91	Long-term AICAR administration reduces metabolic disturbances and lowers blood pressure in rats displaying features of the insulin resistance syndrome. *Diabetes*, **2002**, 51, 2199-206	0.9	200
90	Variants within the calpain-10 gene on chromosome 2q37 (NIDDM1) and relationships to type 2 diabetes, insulin resistance, and impaired acute insulin secretion among Scandinavian Caucasians. *Diabetes*, **2002**, 51, 3561-7	0.9	65
89	Characterization of the Met326Ile variant of phosphatidylinositol 3-kinase p85alpha. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 2124-8	11.5	38
88	PC-1 amino acid variant (K121Q) has no impact on progression of diabetic nephropathy in type 1 diabetic patients. *Nephrology Dialysis Transplantation*, **2002**, 17, 1408-12	4.3	16
87	Genetic evidence that HNF-1 dependent transcriptional control of HNF-4 is essential for human pancreatic cell function. *Journal of Clinical Investigation*, **2002**, 110, 827-833	15.9	69
86	Genetic evidence that HNF-1alpha-dependent transcriptional control of HNF-4alpha is essential for human pancreatic beta cell function. *Journal of Clinical Investigation*, **2002**, 110, 827-33	15.9	37
85	Diabetic microvascular complications are not associated with two polymorphisms in the GLUT-1 and PC-1 genes regulating glucose metabolism in Caucasian type 1 diabetic patients. *Nephrology Dialysis Transplantation*, **2001**, 16, 1653-6	4.3	30
84	Studies of variability in the PTEN gene among Danish caucasian patients with Type II diabetes mellitus. *Diabetologia*, **2001**, 44, 237-40	10.3	17
83	Rosiglitazone treatment of patients with extreme insulin resistance and diabetes mellitus due to insulin receptor mutations has no effects on glucose and lipid metabolism. *Journal of Internal Medicine*, **2001**, 250, 406-14	10.8	19
82	Serum leptin levels in pregnant women with type 1 diabetes mellitus. *Acta Obstetricia Et Gynecologica Scandinavica*, **2001**, 80, 596-601	3.8	
81	Studies of the variability of the hepatocyte nuclear factor-1beta (HNF-1beta / TCF2) and the dimerization cofactor of HNF-1 (DcoH / PCBD) genes in relation to type 2 diabetes mellitus and beta-cell function. *Human Mutation*, **2001**, 18, 356-7	4.7	5
80	The association between the val/ala-55 polymorphism of the uncoupling protein 2 gene and exercise efficiency. *International Journal of Obesity*, **2001**, 25, 467-71	5.5	88
79	Elevated levels of plasma von Willebrand factor and the risk of macro- and microvascular disease in type 2 diabetic patients with microalbuminuria. *Nephrology Dialysis Transplantation*, **2001**, 16, 2028-33	4.3	13
78	A prevalent polymorphism in the promoter of the UCP3 gene and its relationship to body mass index and long term body weight change in the Danish population. *Journal of Clinical Endocrinology and Metabolism*, **2001**, 86, 1398-402	5.6	30
77	Studies of genetic variability of the glucose transporter 2 promoter in patients with type 2 diabetes mellitus. *Journal of Clinical Endocrinology and Metabolism*, **2001**, 86, 2181-6	5.6	24
76	Studies of the variability of the genes encoding the insulin-like growth factor I receptor and its ligand in relation to type 2 diabetes mellitus. *Journal of Clinical Endocrinology and Metabolism*, **2000** , 85, 1606-10	5.6	45
75	Variability of the insulin receptor substrate-1, hepatocyte nuclear factor-1alpha (HNF-1alpha), HNF-4alpha, and HNF-6 genes and size at birth in a population-based sample of young Danish subjects. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 2951-3	5.6	18

74	The -238 and -308 G-->A polymorphisms of the tumor necrosis factor alpha gene promoter are not associated with features of the insulin resistance syndrome or altered birth weight in Danish Caucasians. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 1731-4	5.6	62
73	Missense mutations in the human insulin promoter factor-1 gene and their relation to maturity-onset diabetes of the young and late-onset type 2 diabetes mellitus in caucasians. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 1323-6	5.6	33
72	The K121Q variant of the human PC-1 gene is not associated with insulin resistance or type 2 diabetes among Danish Caucasians. *Diabetes*, **2000**, 49, 1608-11	0.9	80
71	Studies of the Variability of the Genes Encoding the Insulin-Like Growth Factor I Receptor and Its Ligand in Relation to Type 2 Diabetes Mellitus. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 1606-1610	5.6	36
70	Mutational analysis of the coding regions of the genes encoding protein kinase B-alpha and -beta, phosphoinositide-dependent protein kinase-1, phosphatase targeting to glycogen, protein phosphatase inhibitor-1, and glycogenin: lessons from a search for genetic variability of the insulin-stimulated glycogen synthesis pathway of skeletal muscle in NIDDM patients. *Diabetes*, **1999**, 48, 403-7	0.9	14
69	Alternative splicing of exon 17 and a missense mutation in exon 20 of the insulin receptor gene in two brothers with a novel syndrome of insulin resistance (congenital fiber-type disproportion myopathy). *Hormone Research in Paediatrics*, **1999**, 52, 211-20	3.3	8
68	Implications of compound heterozygous insulin receptor mutations in congenital muscle fibre type disproportion myopathy for the receptor kinase activation. *Diabetologia*, **1999**, 42, 245-9	10.3	14
67	Search for variants of the gene-promoter and the potential phosphotyrosine encoding sequence of the insulin receptor substrate-2 gene: evaluation of their relation with alterations in insulin secretion and insulin sensitivity. *Diabetologia*, **1999**, 42, 1244-9	10.3	51
66	Intensified multifactorial intervention in patients with type 2 diabetes mellitus and microalbuminuria: the Steno type 2 randomised study. *Lancet, The*, **1999**, 353, 617-22	40	731
65	Sequence variants in the human cocaine and amphetamine-regulated transcript (CART) gene in subjects with early onset obesity. *Obesity*, **1999**, 7, 532-6		31
64	The Ala/Val98 polymorphism of the hepatocyte nuclear factor-1alpha gene contributes to the interindividual variation in serum C-peptide response during an oral glucose tolerance test: evidence from studies of 231 glucose-tolerant first degree relatives of type 2 diabetic probands. *Journal of Clinical Endocrinology and Metabolism*, **1998**, 83, 4506-9	5.6	23
63	The effect of two frequent amino acid variants of the hepatocyte nuclear factor-1alpha gene on estimates of the pancreatic beta-cell function in Caucasian glucose-tolerant first-degree relatives of type 2 diabetic patients. *Journal of Clinical Endocrinology and Metabolism*, **1998**, 83, 3992-5	5.6	13
62	Studies of the impact of a liver glucokinase promoter variant on glucose tolerance and insulin sensitivity index. *Journal of Clinical Endocrinology and Metabolism*, **1997**, 82, 1786-9	5.6	4
61	Short- and long-term metabolic effects of recombinant human IGF-I treatment in patients with severe insulin resistance and diabetes mellitus. *European Journal of Endocrinology*, **1997**, 136, 475-82	6.5	32
60	GLUT4 translocation in human muscle strips. *Biochemical Society Transactions*, **1997**, 25, 466S	5.1	1
59	Amino acid variants in the human leptin receptor: lack of association to juvenile onset obesity. *Biochemical and Biophysical Research Communications*, **1997**, 233, 248-52	3.4	66
58	Glucose tolerance status and severity of coronary artery disease in men referred to coronary arteriography. *American Heart Journal*, **1997**, 133, 622-9	4.9	32
57	Expression of protein-tyrosine phosphatases in the major insulin target tissues. *FEBS Letters*, **1997**, 415, 243-8	3.8	44

56	The Val985Met insulin-receptor variant in the Danish Caucasian population: lack of associations with non-insulin-dependent diabetes mellitus or insulin resistance. *American Journal of Human Genetics*, **1997**, 60, 1532-5	11	16
55	Chromosomal mapping and mutational analysis of the coding region of the glycogen synthase kinase-3alpha and beta isoforms in patients with NIDDM. *Diabetologia*, **1997**, 40, 940-6	10.3	43
54	Impaired insulin-stimulated nonoxidative glucose metabolism in glucose-tolerant women with previous gestational diabetes. *American Journal of Obstetrics and Gynecology*, **1996**, 174, 722-9	6.4	24
53	Mutations in the hepatocyte nuclear factor-1alpha gene in maturity-onset diabetes of the young (MODY3). *Nature*, **1996**, 384, 455-8	50.4	973
52	A widespread amino acid polymorphism at codon 905 of the glycogen-associated regulatory subunit of protein phosphatase-1 is associated with insulin resistance and hypersecretion of insulin. *Human Molecular Genetics*, **1995**, 4, 1313-20	5.6	87
51	Lewis phenotypes and the insulin resistance syndrome in young healthy white men and women. *American Journal of Hypertension*, **1995**, 8, 1060-6	2.3	12
50	Severe insulin-resistant diabetes mellitus in patients with congenital muscle fiber type disproportion myopathy. *Journal of Clinical Investigation*, **1995**, 95, 1925-32	15.9	16
49	Elevation of serum insulin concentration during euglycemic hyperinsulinemic clamp studies leads to similar activation of insulin receptor kinase in skeletal muscle of subjects with and without NIDDM. *Diabetes*, **1995**, 44, 1310-1317	0.9	5
48	Identification of four amino acid substitutions in hexokinase II and studies of relationships to NIDDM, glucose effectiveness, and insulin sensitivity. *Diabetes*, **1995**, 44, 347-353	0.9	5
47	Impaired glycogen synthesis of skeletal muscle in patients with insulin-resistant diabetes mellitus. *Journal of Diabetes and Its Complications*, **1994**, 8, 213-20	3.2	1
46	Sequence of the human glycogen-associated regulatory subunit of type 1 protein phosphatase and analysis of its coding region and mRNA level in muscle from patients with NIDDM. *Diabetes*, **1994**, 43, 1234-41	0.9	38
45	Genetic variants in promoters and coding regions of the muscle glycogen synthase and the insulin-responsive GLUT4 genes in NIDDM. *Diabetes*, **1994**, 43, 976-983	0.9	13
44	Aminoacid polymorphisms of insulin receptor substrate-1 in non-insulin-dependent diabetes mellitus. *Lancet, The*, **1993**, 342, 828-32	40	300
43	Influence of short-term dexfenfluramine therapy on glucose and lipid metabolism in obese non-diabetic patients. *European Journal of Endocrinology*, **1993**, 128, 251-8	6.5	20
42	The effect of intensive insulin therapy on the insulin-regulatable glucose transporter (GLUT4) expression in skeletal muscle in type 1 diabetes. *Diabetic Medicine*, **1993**, 10, 699-706	3.5	4
41	Expression of insulin receptor spliced variants and their functional correlates in muscle from patients with non-insulin-dependent diabetes mellitus. *Journal of Clinical Endocrinology and Metabolism*, **1993**, 77, 1500-1505	5.6	22
40	Effects of hyperinsulinemia and hyperglycemia on insulin receptor function and glycogen synthase activation in skeletal muscle of normal man. *Metabolism: Clinical and Experimental*, **1991**, 40, 830-5	12.7	17
39	Impaired expression of glycogen synthase mRNA in skeletal muscle of NIDDM patients. *Diabetes*, **1991**, 40, 1740-1745	0.9	14

38	Activity of insulin receptor kinase and glycogen synthase in skeletal muscle from patients with chronic renal failure. *European Journal of Endocrinology*, **1989**, 121, 744-50	6.5	14
37	Insulin receptor function and glycogen synthase activity in skeletal muscle biopsies from patients with insulin-dependent diabetes mellitus: effects of physical training. *Journal of Clinical Endocrinology and Metabolism*, **1989**, 69, 158-64	5.6	49
36	The impact of obesity on the pathogenesis of non-insulin-dependent diabetes mellitus: a review of current hypotheses. *Diabetes/metabolism Reviews*, **1989**, 5, 495-509		20
35	Metformin improves peripheral but not hepatic insulin action in obese patients with type II diabetes. *European Journal of Endocrinology*, **1989**, 120, 257-65	6.5	85
34	The effects of metformin on adipocyte insulin action and metabolic control in obese subjects with type 2 diabetes. *Diabetic Medicine*, **1989**, 6, 249-56	3.5	33
33	Characterization of the insulin resistance of glucose utilization in adipocytes from patients with hyper- and hypothyroidism. *European Journal of Endocrinology*, **1988**, 119, 228-34	6.5	11
32	Comparative studies of insulin binding to receptor from adipocytes, hepatocytes, monocytes and erythrocytes from the pig. Similarities with insulin receptor binding in man. *European Journal of Endocrinology*, **1988**, 118, 59-67	6.5	1
31	Reduced binding and antilipolytic effect of prostaglandin E2 in adipocytes from patients with hyperthyroidism. *Journal of Clinical Endocrinology and Metabolism*, **1986**, 62, 258-62	5.6	8
30	Postbinding defects of insulin action in human adipocytes from uremic patients. *Kidney International*, **1985**, 27, 780-4	9.9	17
29	Increased insulin binding to adipocytes and monocytes and increased insulin sensitivity of glucose transport and metabolism in adipocytes from non-insulin-dependent diabetics after a low-fat/high-starch/high-fiber diet. *Metabolism: Clinical and Experimental*, **1983**, 32, 1067-75	12.7	59
28	The effect of glibenclamide on insulin receptors in normal man: comparative studies of insulin binding to monocytes and erythrocytes. *Journal of Clinical Endocrinology and Metabolism*, **1983**, 57, 1257-62	5.6	16
27	Heterogeneity of insulin receptors in patients with untreated insulin-dependent diabetes mellitus. *Journal of Clinical Endocrinology and Metabolism*, **1982**, 55, 30-9	5.6	14
26	Insulin receptor binding and insulin action in human fat cells: effects of obesity and fasting. *Metabolism: Clinical and Experimental*, **1982**, 31, 884-95	12.7	77
25	Monocyte-mediated antibody-dependent cytotoxicity. Modulation by Glycolysis and insulin. *Scandinavian Journal of Haematology*, **1981**, 26, 137-44		3
24	Diabetes mellitus caused by insulin-receptor blockade and impaired sensitivity to insulin. *New England Journal of Medicine*, **1981**, 304, 1085-8	59.2	22
23	Decreased insulin binding to erythrocytes in subjects with Klinefelter syndrome. *Journal of Clinical Endocrinology and Metabolism*, **1981**, 53, 654-5	5.6	8
22	Insulin receptors in the pregnant diabetic and her newborn. *Journal of Clinical Endocrinology and Metabolism*, **1981**, 53, 1160-6	5.6	25
21	Prednisone increases the number of insulin receptors on monocytes from normal subjects. *Journal of Clinical Endocrinology and Metabolism*, **1980**, 50, 1-4	5.6	55

20	Increased insulin receptors after exercise in patients with insulin-dependent diabetes mellitus. *New England Journal of Medicine*, **1980**, 302, 886-92	59.2	150
19	Increased insulin sensitivity and cellular insulin binding in obese diabetics following treatment with glibenclamide. *European Journal of Endocrinology*, **1979**, 90, 451-62	6.5	114
18	Decreased insulin binding to monocytes from normal pregnant women. *Journal of Clinical Endocrinology and Metabolism*, **1979**, 49, 810-4	5.6	37
17	Diurnal variation in insulin binding to human monocytes. *Journal of Clinical Endocrinology and Metabolism*, **1978**, 47, 385-90	5.6	65
16	Decreased binding of insulin to its receptor in patients with congenital generalized lipodystrophy. *New England Journal of Medicine*, **1977**, 296, 245-8	59.2	89
15	A study of insulin receptors in human mononuclear leucocytes. *European Journal of Endocrinology*, **1976**, 83, 556-64	6.5	17
14	The insulin receptor in normal and obese persons. *European Journal of Endocrinology*, **1976**, 83, 565-75	6.5	15
13	Microbiome Determinants and Physiological Effects of the Benzoate-Hippurate Microbial-Host Co-Metabolic Pathway		1
12	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes		4
11	The Polygenic and Monogenic Basis of Blood Traits and Diseases		3
10	Large-scale association analyses identify host factors influencing human gut microbiome composition		9
9	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes		1
8	Rare coding variants in 35 genes associate with circulating lipid levels a multi-ancestry analysis of 170,000 exomes		2
7	Fine-mapping of an expanded set of type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps		18
6	Protein-Coding Variants Implicate Novel Genes Related to Lipid Homeostasis Contributing to Body Fat Distribution		1
5	Genetic discovery and translational decision support from exome sequencing of 20,791 type 2 diabetes cases and 24,440 controls from five ancestries		2
4	Human pancreatic islet 3D chromatin architecture provides insights into the genetics of type 2 diabetes		7
3	Tissue-Specific Alteration of Metabolic Pathways Influences Glycemic Regulation		4

2	Selection on the FADS region in Europeans	2
1	Genetic analysis of blood molecular phenotypes reveals regulatory networks affecting complex traits: a DIRECT study	1