Torben Hansen

List of Publications by Year in Descending Order

340 papers	43,992 citations	81 h-index	208 g-index
377 ext. papers	55,203 ext. citations	12 avg, IF	6.09 L-index

#	Paper	IF	Citations
340	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
339	Association of milk intake with hay fever, asthma, and lung function: a Mendelian randomization analysis.. *European Journal of Epidemiology*, **2022**, 1	12.1	0
338	High incidence of amyotrophic lateral sclerosis in the Faroe Islands 2010-2020.. *Annals of Clinical and Translational Neurology*, **2022**,	5.3	2
337	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
336	Smoking during pregnancy is associated with child overweight independent of maternal pre-pregnancy BMI and genetic predisposition to adiposity.. *Scientific Reports*, **2022**, 12, 3135	4.9	0
335	Microbiome and metabolome features of the cardiometabolic disease spectrum.. *Nature Medicine*, **2022**,	50.5	4
334	The Arg82Cys Polymorphism of the Protein Nepmucin Implies a Role in HDL Metabolism.. *Journal of the Endocrine Society*, **2022**, 6, bvac034	0.4	0
333	A novel nonsense variant in EXOC8 underlies a neurodevelopmental disorder.. *Neurogenetics*, **2022**, 1	3	0
332	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. *Nature Genetics*, **2022**,	36.3	7
331	The power of genetic diversity in genome-wide association studies of lipids. *Nature*, **2021**,	50.4	24
330	Combinatorial, additive and dose-dependent drug-microbiome associations. *Nature*, **2021**,	50.4	11
329	Recessive Genome-wide Meta-analysis Illuminates Genetic Architecture of Type 2 Diabetes. *Diabetes*, **2021**,	0.9	0
328	Processes Underlying Glycemic Deterioration in Type 2 Diabetes: An IMI DIRECT Study. *Diabetes Care*, **2021**, 44, 511-518	14.6	6
327	A Previously Undescribed Highly Prevalent Phage Identified in a Danish Enteric Virome Catalog. *MSystems*, **2021**, 6, e0038221	7.6	0
326	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	
325	Evidence for shared genetics between physical activity, sedentary behaviour and adiposity-related traits. *Obesity Reviews*, **2021**, 22, e13182	10.6	2
324	Amyotrophic lateral sclerosis in the Faroe Islands - a genealogical study. *Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration*, **2021**, 22, 571-575	3.6	1

323	Successful Use of a GLP-1 Receptor Agonist as Add-on Therapy to Sulfonylurea in the Treatment of Neonatal Diabetes. *European Journal of Case Reports in Internal Medicine*, **2021**, 8, 002352	1.2	
322	The role of a traditional and western diet on glucose homeostasis in Greenlandic Inuit carriers and non-carriers of type 2 diabetes variant in the TBC1D4 gene: A protocol for a randomized clinical trial. *Contemporary Clinical Trials Communications*, **2021**, 21, 100734	1.8	0
321	Physical activity attenuates postprandial hyperglycaemia in homozygous TBC1D4 loss-of-function mutation carriers. *Diabetologia*, **2021**, 64, 1795-1804	10.3	3
320	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
319	Do genetic risk scores for childhood adiposity operate independent of BMI of their mothers?. *International Journal of Obesity*, **2021**, 45, 2006-2015	5.5	
318	Genetic markers of abdominal obesity and weight loss after gastric bypass surgery. *PLoS ONE*, **2021**, 16, e0252525	3.7	0
317	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
316	The trans-ancestral genomic architecture of glycemic traits. *Nature Genetics*, **2021**, 53, 840-860	36.3	44
315	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
314	Insulin resistance genetic risk score and burden of coronary artery disease in patients referred for coronary angiography. *PLoS ONE*, **2021**, 16, e0252855	3.7	0
313	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes. *Nature Communications*, **2021**, 12, 3505	17.4	5
312	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
311	Abdominal and gluteofemoral fat depots show opposing associations with postprandial lipemia. *American Journal of Clinical Nutrition*, **2021**, 114, 1467-1475	7	2
310	The Effect of Melatonin on Incretin Hormones: Results From Experimental and Randomized Clinical Studies. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, e5109-e5123	5.6	0
309	Obesity treatment effect in Danish children and adolescents carrying Melanocortin-4 Receptor mutations. *International Journal of Obesity*, **2021**, 45, 66-76	5.5	2
308	Acute metabolic effects of melatonin-A randomized crossover study in healthy young men. *Journal of Pineal Research*, **2021**, 70, e12706	10.4	7
307	Genome-Wide Association Analysis of Pancreatic Beta-Cell Glucose Sensitivity. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, 80-90	5.6	2
306	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

305	Large-scale association analyses identify host factors influencing human gut microbiome composition. *Nature Genetics*, **2021**, 53, 156-165	36.3	80
304	Genome-wide association study of circulating levels of glucagon during an oral glucose tolerance test. *BMC Medical Genomics*, **2021**, 14, 3	3.7	0
303	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
302	Progressive alcohol-related liver fibrosis is characterised by imbalanced collagen formation and degradation. *Alimentary Pharmacology and Therapeutics*, **2021**, 54, 1070-1080	6.1	5
301	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. *Nature Genetics*, **2021**, 53, 1311-1321	36.3	27
300	Glucagon-Like Peptide-1 Is Associated With Systemic Inflammation in Pediatric Patients Treated With Hematopoietic Stem Cell Transplantation.. *Frontiers in Immunology*, **2021**, 12, 793588	8.4	0
299	Statin therapy is associated with lower prevalence of gut microbiota dysbiosis. *Nature*, **2020**, 581, 310-315	50.4	100
298	Mendelian randomization analysis does not support causal associations of birth weight with hypertension risk and blood pressure in adulthood. *European Journal of Epidemiology*, **2020**, 35, 685-697	12.1	2
297	Skeletal muscle enhancer interactions identify genes controlling whole-body metabolism. *Nature Communications*, **2020**, 11, 2695	17.4	14
296	Atorvastatin for prevention of disease progression and hospitalisation in liver cirrhosis: protocol for a randomised, double-blind, placebo-controlled trial. *BMJ Open*, **2020**, 10, e035284	3	3
295	Genetic study of the Arctic CPT1A variant suggests that its effect on fatty acid levels is modulated by traditional Inuit diet. *European Journal of Human Genetics*, **2020**, 28, 1592-1601	5.3	6
294	GIP and GLP-1 Potentiate Sulfonylurea-Induced Insulin Secretion in Hepatocyte Nuclear Factor 1 Mutation Carriers. *Diabetes*, **2020**, 69, 1989-2002	0.9	7
293	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
292	The influence of transmitted and non-transmitted parental BMI-associated alleles on the risk of overweight in childhood. *Scientific Reports*, **2020**, 10, 4806	4.9	7
291	Gain-of-function mutation in the voltage-gated potassium channel gene KCNQ1 and glucose-stimulated hypoinsulinemia - case report. *BMC Endocrine Disorders*, **2020**, 20, 38	3.3	4
290	Describing the fecal metabolome in cryogenically collected samples from healthy participants. *Scientific Reports*, **2020**, 10, 885	4.9	8
289	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
288	Estimating narrow-sense heritability using family data from admixed populations. *Heredity*, **2020**, 124, 751-762	3.6	1

287	Predictors of weight loss after bariatric surgery-a cross-disciplinary approach combining physiological, social, and psychological measures. *International Journal of Obesity*, **2020**, 44, 2291-2302	5.5	11
286	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
285	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
284	FUT2-ABO epistasis increases the risk of early childhood asthma and Streptococcus pneumoniae respiratory illnesses. *Nature Communications*, **2020**, 11, 6398	17.4	4
283	The effect of diabetes and the common diabetogenic TBC1D4 p.Arg684Ter variant on cardiovascular risk in Inuit in Greenland. *Scientific Reports*, **2020**, 10, 22081	4.9	3
282	Disturbed eating behaviours do not impact treatment response in a paediatric obesity chronic care treatment programme. *Journal of Paediatrics and Child Health*, **2020**, 56, 542-549	1.3	4
281	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
280	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
279	The Polygenic and Monogenic Basis of Blood Traits and Diseases. *Cell*, **2020**, 182, 1214-1231.e11	56.2	96
278	Novel loci for childhood body mass index and shared heritability with adult cardiometabolic traits. *PLoS Genetics*, **2020**, 16, e1008718	6	25
277	Efficacy and Safety of Glimepiride With or Without Linagliptin Treatment in Patients With HNF1A Diabetes (Maturity-Onset Diabetes of the Young Type 3): A Randomized, Double-Blinded, Placebo-Controlled, Crossover Trial (GLIMLINA). *Diabetes Care*, **2020**, 43, 2025-2033	14.6	10
276	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
275	Imidazole propionate is increased in diabetes and associated with dietary patterns and altered microbial ecology. *Nature Communications*, **2020**, 11, 5881	17.4	29
274	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
273	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
272	Metabolic and Genetic Risk Factors Are the Strongest Predictors of Severity of Alcohol-Related Liver Fibrosis. *Clinical Gastroenterology and Hepatology*, **2020**,	6.9	9
271	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
270	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

269	The intestinal microbiome is a co-determinant of the postprandial plasma glucose response. *PLoS ONE*, **2020**, 15, e0238648	3.7	1
268	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
267	Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. *Diabetes*, **2020**, 69, 2806-2818	0.9	10
266	Genetic Determinants of Electrocardiographic P-Wave Duration and Relation to Atrial Fibrillation. *Circulation Genomic and Precision Medicine*, **2020**, 13, 387-395	5.2	4
265	Maturity-Onset Diabetes of the Young Identified Among Algerian Probands with Early-Onset Diabetes. *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy*, **2020**, 13, 4829-4837	3.4	
264	Data integration for prediction of weight loss in randomized controlled dietary trials. *Scientific Reports*, **2020**, 10, 20103	4.9	2
263	Structured exercise alters the gut microbiota in humans with overweight and obesity-A randomized controlled trial. *International Journal of Obesity*, **2020**, 44, 125-135	5.5	34
262	Adults with pathogenic MC4R mutations have increased final height and thereby increased bone mass. *Journal of Bone and Mineral Metabolism*, **2020**, 38, 117-125	2.9	3
261	Obesity, unfavourable lifestyle and genetic risk of type 2 diabetes: a case-cohort study. *Diabetologia*, **2020**, 63, 1324-1332	10.3	46
260	Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts **2020**, 17, e1003149		
259	Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts **2020**, 17, e1003149		
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256	Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts **2020**, 17, e1003149		
255	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
254	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
253	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits: A Mendelian Randomization Study. *JAMA Network Open*, **2019**, 2, e1910915	10.4	14
252	Genome-wide association meta-analysis of 30,000 samples identifies seven novel loci for quantitative ECG traits. *European Journal of Human Genetics*, **2019**, 27, 952-962	5.3	18

251	Polygenic predisposition to breast cancer and the risk of coronary artery disease. *International Journal of Cardiology*, **2019**, 291, 145-151	3.2	0
250	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
249	Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. *American Journal of Human Genetics*, **2019**, 105, 15-28	11	12
248	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. *Nature*, **2019**, 570, 71-76	50.4	129
247	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
246	Pro12Ala Ala carriers exhibit greater improvements in peripheral insulin sensitivity in response to 12 weeks of aerobic exercise training. *Physiological Genomics*, **2019**, 51, 254-260	3.6	2
245	Extracellular Vesicle Encapsulated MicroRNAs in Patients with Type 2 Diabetes Are Affected by Metformin Treatment. *Journal of Clinical Medicine*, **2019**, 8,	5.1	26
244	Genetic Determinants of Weight Loss After Bariatric Surgery. *Obesity Surgery*, **2019**, 29, 2554-2561	3.7	10
243	FADS and PPARG2 Single Nucleotide Polymorphisms are Associated with Plasma Lipids in 9-Mo-Old Infants. *Journal of Nutrition*, **2019**, 149, 708-715	4.1	3
242	Reappraisal of variants previously linked with sudden infant death syndrome: results from three population-based cohorts. *European Journal of Human Genetics*, **2019**, 27, 1427-1435	5.3	4
241	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
240	Haploinsufficiency of ARHGAP42 is associated with hypertension. *European Journal of Human Genetics*, **2019**, 27, 1296-1303	5.3	6
239	Diabetic cats have decreased gut microbial diversity and a lack of butyrate producing bacteria. *Scientific Reports*, **2019**, 9, 4822	4.9	26
238	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
237	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
236	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
235	Increased frequency of rare missense PPP1R3B variants among Danish patients with type 2 diabetes. *PLoS ONE*, **2019**, 14, e0210114	3.7	6
234	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

233	Sequencing reveals protective and pathogenic effects on development of diabetes of rare GLIS3 variants. *PLoS ONE*, **2019**, 14, e0220805	3.7	2
232	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
231	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
230	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
229	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
228	Effects of Calcium, Magnesium, and Potassium Concentrations on Ventricular Repolarization in Unselected Individuals. *Journal of the American College of Cardiology*, **2019**, 73, 3118-3131	15.1	12
227	The expression of four pyridoxal kinase (PDXK) human variants in Drosophila impacts on genome integrity. *Scientific Reports*, **2019**, 9, 14188	4.9	5
226	Phenome-wide association analysis of LDL-cholesterol lowering genetic variants in PCSK9. *BMC Cardiovascular Disorders*, **2019**, 19, 240	2.3	8
225	Genetic Aspects of Latent Autoimmune Diabetes in Adults: A Mini-Review. *Current Diabetes Reviews* , **2019**, 15, 194-198	2.7	7
224	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. *Nature Genetics*, **2019**, 51, 452-469	36.3	44
223	Impaired glucose metabolism and altered gut microbiome despite calorie restriction of ob/ob mice. *Animal Microbiome*, **2019**, 1, 11	4.1	5
222	Associations between thyroid-stimulating hormone, blood pressure and adiponectin are attenuated in children and adolescents with overweight or obesity. *Journal of Pediatric Endocrinology and Metabolism*, **2019**, 32, 1351-1358	1.6	0
221	Association of alcohol consumption with allergic disease and asthma: a multi-centre Mendelian randomization analysis. *Addiction*, **2019**, 114, 216-225	4.6	7
220	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
219	Associations of Mitochondrial and Nuclear Mitochondrial Variants and Genes with Seven Metabolic Traits. *American Journal of Human Genetics*, **2019**, 104, 112-138	11	54
218	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
217	Effect modification of FADS2 polymorphisms on the association between breastfeeding and intelligence: results from a collaborative meta-analysis. *International Journal of Epidemiology*, **2019**, 48, 45-57	7.8	2
216	ADAMTS9 Regulates Skeletal Muscle Insulin Sensitivity Through Extracellular Matrix Alterations. *Diabetes*, **2019**, 68, 502-514	0.9	11

215	Genetic architecture of obesity and related metabolic traits-recent insights from isolated populations. *Current Opinion in Genetics and Development*, **2018**, 50, 74-78	4.9	3
214	Genetic determinants of glycated hemoglobin levels in the Greenlandic Inuit population. *European Journal of Human Genetics*, **2018**, 26, 868-875	5.3	3
213	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
212	Impact of a vegan diet on the human salivary microbiota. *Scientific Reports*, **2018**, 8, 5847	4.9	50
211	Prospective Studies Exploring the Possible Impact of an ID3 Polymorphism on Changes in Obesity Measures. *Obesity*, **2018**, 26, 747-754	8	1
210	Aberrant intestinal microbiota in individuals with prediabetes. *Diabetologia*, **2018**, 61, 810-820	10.3	163
209	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
208	Bone turnover, calcium homeostasis, and vitamin D status in Danish vegans. *European Journal of Clinical Nutrition*, **2018**, 72, 1046-1054	5.2	17
207	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
206	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
205	Loss-of-function variants in ADCY3 increase risk of obesity and type 2 diabetes. *Nature Genetics*, **2018**, 50, 172-174	36.3	97
204	Patient profiling for success after weight loss surgery (GO Bypass study): An interdisciplinary study protocol. *Contemporary Clinical Trials Communications*, **2018**, 10, 121-130	1.8	14
203	A Genome-Wide Association Study of Diabetic Kidney Disease in Subjects With Type 2 Diabetes. *Diabetes*, **2018**, 67, 1414-1427	0.9	71
202	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
201	Identification of novel high-impact recessively inherited type 2 diabetes risk variants in the Greenlandic population. *Diabetologia*, **2018**, 61, 2005-2015	10.3	11
200	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
199	Genome-wide association and HLA fine-mapping studies identify risk loci and genetic pathways underlying allergic rhinitis. *Nature Genetics*, **2018**, 50, 1072-1080	36.3	52
198	Exome-chip meta-analysis identifies novel loci associated with cardiac conduction, including ADAMTS6. *Genome Biology*, **2018**, 19, 87	18.3	25

197	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
196	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
195	Genetics of metabolic traits in Greenlanders: lessons from an isolated population. *Journal of Internal Medicine*, **2018**, 284, 464-477	10.8	4
194	Multiethnic meta-analysis identifies ancestry-specific and cross-ancestry loci for pulmonary function. *Nature Communications*, **2018**, 9, 2976	17.4	45
193	Meta-analysis of exome array data identifies six novel genetic loci for lung function. *Wellcome Open Research*, **2018**, 3, 4	4.8	16
192	Childhood obesity treatment; Effects on BMI SDS, body composition, and fasting plasma lipid concentrations. *PLoS ONE*, **2018**, 13, e0190576	3.7	7
191	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
190	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
189	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
188	Genetic risk scores for body fat distribution attenuate weight loss in women during dietary intervention. *International Journal of Obesity*, **2018**, 42, 370-375	5.5	12
187	The effect of impaired glucose metabolism on weight loss in multidisciplinary childhood obesity treatment. *Pediatric Diabetes*, **2018**, 19, 366-374	3.6	6
186	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
185	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
184	Identification of novel LEPR mutations in Pakistani families with morbid childhood obesity. *BMC Medical Genetics*, **2018**, 19, 199	2.1	4
183	Genetic Susceptibility for Childhood BMI has no Impact on Weight Loss Following Lifestyle Intervention in Danish Children. *Obesity*, **2018**, 26, 1915-1922	8	7
182	A low-gluten diet induces changes in the intestinal microbiome of healthy Danish adults. *Nature Communications*, **2018**, 9, 4630	17.4	69
181	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
180	Glimepiride monotherapy versus combination of glimepiride and linagliptin therapy in patients with HNF1A-diabetes: a protocol for a randomised, double-blinded, placebo-controlled trial. *BMJ Open*, **2018**, 8, e022517	3	5

179	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
178	Population-based studies of relationships between dietary acidity load, insulin resistance and incident diabetes in Danes. *Nutrition Journal*, **2018**, 17, 91	4.3	9
177	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
176	Genome-wide analyses identify a role for SLC17A4 and AADAT in thyroid hormone regulation. *Nature Communications*, **2018**, 9, 4455	17.4	75
175	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
174	Recovery of gut microbiota of healthy adults following antibiotic exposure. *Nature Microbiology*, **2018**, 3, 1255-1265	26.6	246
173	Spatial QRS-T angle variants for prediction of all-cause mortality. *Journal of Electrocardiology*, **2018**, 51, 768-775	1.4	7
172	Cardiolipin Synthesis in Brown and Beige Fat Mitochondria Is Essential for Systemic Energy Homeostasis. *Cell Metabolism*, **2018**, 28, 159-174.e11	24.6	67
171	Patients with Obesity Caused by Melanocortin-4 Receptor Mutations Can Be Treated with a Glucagon-like Peptide-1 Receptor Agonist. *Cell Metabolism*, **2018**, 28, 23-32.e3	24.6	49
170	Birth weight variants are associated with variable fetal intrauterine growth from 20 weeks of gestation. *Scientific Reports*, **2018**, 8, 8376	4.9	3
169	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
168	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
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1	Human pancreatic islet 3D chromatin architecture provides insights into the genetics of type 2 diabetes		7