Anette Prior Gjesing

List of Publications by Year
in descending order

36 papers	3,389 citations	394421 19 h-index	315739 38 g-index
41 all docs	41 docs citations	41 times ranked	8520 citing authors

#	Article	IF	Citations
1	The genetic architecture of type 2 diabetes. Nature, 2016, 536, 41-47.	27.8	952
2	The trans-ancestral genomic architecture of glycemic traits. Nature Genetics, 2021, 53, 840-860.	21.4	341
3	A common Greenlandic TBC1D4 variant confers muscle insulin resistance and type 2 diabetes. Nature, 2014, 512, 190-193.	27.8	338
4	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. Nature Genetics, 2018, 50, 26-41.	21.4	286
5	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. Nature Genetics, 2016, 48, 1151-1161.	21.4	261
6	Human pancreatic islet three-dimensional chromatin architecture provides insights into the genetics of type 2 diabetes. Nature Genetics, 2019, 51, 1137-1148.	21.4	208
7	Blood-based biomarkers of age-associated epigenetic changes in human islets associate with insulin secretion and diabetes. Nature Communications, 2016, 7, 11089.	12.8	201
8	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.	0.6	102
9	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.	3.5	95
10	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. Nature Communications, 2016, 7, 13357.	12.8	74
11	Human biallelic MFN2 mutations induce mitochondrial dysfunction, upper body adipose hyperplasia, and suppression of leptin expression. ELife, 2017, 6, .	6.0	60
12	Evaluation of a target region capture sequencing platform using monogenic diabetes as a study-model. BMC Genetics, 2014, 15, 13.	2.7	51
13	A Low-Frequency Inactivating AKT2 Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. Diabetes, 2017, 66, 2019-2032.	0.6	47
14	DNA methylation and gene expression of HIF3A: cross-tissue validation and associations with BMI and insulin resistance. Clinical Epigenetics, 2016, 8, 89.	4.1	35
15	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.	0.2	32
16	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. Scientific Data, 2017, 4, 170179.	5.3	31
17	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.	2.5	27
18	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.	2.5	23

#	Article	IF	Citations
19	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.	3.4	23
20	Heterogeneity in glucose response curves during an oral glucose tolerance test and associated cardiometabolic risk. Endocrine, 2017, 55, 427-434.	2.3	21
21	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.	2.5	18
22	Genetic Correlation between Body Fat Percentage and Cardiorespiratory Fitness Suggests Common Genetic Etiology. PLoS ONE, 2016, 11, e0166738.	2.5	18
23	Lessons from whole-exome sequencing in MODYX families. Diabetes Research and Clinical Practice, 2014, 104, e72-e74.	2.8	17
24	â€˜Omicsâ€™â€•driven discoveries in prevention and treatment of type 2 diabetes. European Journal of Clinical Investigation, 2012, 42, 579-588.	3.4	15
25	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, 1173-1181.	6.3	14
26	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.	2.7	12
27	Obesity treatment effect in Danish children and adolescents carrying Melanocortin-4 Receptor mutations. International Journal of Obesity, 2021, 45, 66-76.	3.4	12
28	Increased frequency of rare missense PPP1R3B variants among Danish patients with type 2 diabetes. PLoS ONE, 2019, 14, e0210114.	2.5	11
29	Impact of PTBP1 rs11085226 on glucose-stimulated insulin release in adult Danes. BMC Medical Genetics, 2015, 16, 17.	2.1	8
30	Identification of novel LEPR mutations in Pakistani families with morbid childhood obesity. BMC Medical Genetics, 2018, 19, 199.	2.1	8
31	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	7
32	Genetic and phenotypic correlations between surrogate measures of insulin release obtained from OGTT data. Diabetologia, 2015, 58, 1006-1012.	6.3	6
33	Sequencing reveals protective and pathogenic effects on development of diabetes of rare GLIS3 variants. PLoS ONE, 2019, 14, e0220805.	2.5	4
34	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	3
35	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	2
36	Maturity-Onset Diabetes of the Young Identified Among Algerian Probands with Early-Onset Diabetes . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 4829-4837.	2.4	0