Alena Stancakova

List of Publications by Year
in descending order

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		17405	18606
115	31,310	63	119
papers	citations	h-index	g-index

127	127	127	36183
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. Nature Genetics, 2022, 54, 560-572.	9.4	250
2	Genetic variants associated with glycemic response to treatment with dipeptidylpeptidase 4 inhibitors. Pharmacogenomics, 2020, 21, 317-323.	0.6	17
3	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. Nature Human Behaviour, 2019, 3, 950-961.	6.2	75
4	Disentangling the genetics of lean mass. American Journal of Clinical Nutrition, 2019, 109, 276-287.	2.2	38
5	Associations of autozygosity with a broad range of human phenotypes. Nature Communications, 2019, 10, 4957.	5.8	84
6	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. American Journal of Epidemiology, 2019, 188, 1033-1054.	1.6	85
7	Nine Amino Acids Are Associated With Decreased Insulin Secretion and Elevated Glucose Levels in a 7.4-Year Follow-up Study of 5,181 Finnish Men. Diabetes, 2019, 68, 1353-1358.	0.3	109
8	A multi-ancestry genome-wide study incorporating geneâ€“smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. Human Molecular Genetics, 2019, 28, 2615-2633.	1.4	31
9	Multi-ancestry genome-wide geneâ€“smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. Nature Genetics, 2019, 51, 636-648.	9.4	112
10	Association studies of up to 1.2 million individuals yield new insights into the genetic etiology of tobacco and alcohol use. Nature Genetics, 2019, 51, 237-244.	9.4	1,307
11	Identification of seven novel loci associated with amino acid levels using single-variant and gene-based tests in 8545 Finnish men from the METSIM study. Human Molecular Genetics, 2018, 27, 1664-1674.	1.4	30
12	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. Nature Genetics, 2018, 50, 559-571.	9.4	356
13	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. American Journal of Human Genetics, 2018, 102, 375-400.	2.6	123
14	Elevated Plasma Levels of 3-Hydroxyisobutyric Acid Are Associated With Incident Type 2 Diabetes. EBioMedicine, 2018, 27, 151-155.	2.7	53
15	A Partial Loss-of-Function Variant in AKT2 Is Associated With Reduced Insulin-Mediated Glucose Uptake in Multiple Insulin-Sensitive Tissues: A Genotype-Based Callback Positron Emission Tomography Study. Diabetes, 2018, 67, 334-342.	0.3	37
16	Decreased plasma Câ€reactive protein levels in <scp>APOE</scp> Îµ4 allele carriers. Annals of Clinical and Translational Neurology, 2018, 5, 1229-1240.	1.7	18
17	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.	9.4	1,331
18	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. PLoS ONE, 2018, 13, e0198166.	1.1	94

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19	Short adult stature predicts impaired beta-cell function, insulin resistance, glycemia and type 2 diabetes in Finnish men. Journal of Clinical Endocrinology and Metabolism, 2017, 102, jc.2016-2933.	1.8	32
20	The Metabolic Syndrome in Men study: a resource for studies of metabolic and cardiovascular diseases. Journal of Lipid Research, 2017, 58, 481-493.	2.0	147
21	Genetic Regulation of Adipose Gene Expression and Cardio-Metabolic Traits. American Journal of Human Genetics, 2017, 100, 428-443.	2.6	141
22	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.	0.3	102
23	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. Nature Communications, 2017, 8, 14977.	5.8	169
24	Decreased plasma Î²â€amyloid in the Alzheimer's disease <scp>APP</scp><scp>A</scp>673<scp>T</scp> variant carriers. Annals of Neurology, 2017, 82, 128-132.	2.8	39
25	Genetic risk scores in the prediction of plasma glucose, impaired insulin secretion, insulin resistance and incident type 2 diabetes in the METSIM study. Diabetologia, 2017, 60, 1722-1730.	2.9	26
26	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.	0.3	47
27	Heterozygous RFX6 protein truncating variants are associated with MODY with reduced penetrance. Nature Communications, 2017, 8, 888.	5.8	95
28	New Blood Pressureâ€“Associated Loci Identified in Meta-Analyses of 475â€‰000 Individuals. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	48
29	Differential Associations of Inflammatory Markers With Insulin Sensitivity and Secretion: The Prospective METSIM Study. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 3600-3609.	1.8	52
30	Large meta-analysis of genome-wide association studies identifies five loci for lean body mass. Nature Communications, 2017, 8, 80.	5.8	147
31	Plasma Mannose Levels Are Associated with Incident Type 2 Diabetes and Cardiovascular Disease. Cell Metabolism, 2017, 26, 281-283.	7.2	85
32	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. Scientific Data, 2017, 4, 170179.	2.4	31
33	Genome-wide physical activity interactions in adiposity â€• A meta-analysis of 200,452 adults. PLoS Genetics, 2017, 13, e1006528.	1.5	158
34	Glucose-Dependent Insulinotropic Polypeptide Stimulates Osteopontin Expression in the Vasculature via Endothelin-1 and CREB. Diabetes, 2016, 65, 239-254.	0.3	41
35	Finnish Diabetes Risk Score Is Associated with Impaired Insulin Secretion and Insulin Sensitivity, Drug-Treated Hypertension and Cardiovascular Disease: A Follow-Up Study of the METSIM Cohort. PLoS ONE, 2016, 11, e0166584.	1.1	16
36	The genetic architecture of type 2 diabetes. Nature, 2016, 536, 41-47.	13.7	952

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37	Genetics of Type 2 Diabetes. Endocrine Development, 2016, 31, 203-220.	1.3	59
38	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. Nature Communications, 2016, 7, 13357.	5.8	74
39	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. Nature Genetics, 2016, 48, 1151-1161.	9.4	261
40	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. Nature Genetics, 2016, 48, 1171-1184.	9.4	362
41	Genome-Wide Association Study of the Modified Stumvoll Insulin Sensitivity Index Identifies BCL2 and FAM19A2 as Novel Insulin Sensitivity Loci. Diabetes, 2016, 65, 3200-3211.	0.3	67
42	A genomic approach to therapeutic target validation identifies a glucose-lowering GLP1R variant protective for coronary heart disease. Science Translational Medicine, 2016, 8, 341ra76.	5.8	100
43	Clinical, Genetic, and Biochemical Characteristics of Early-Onset Diabetes in the Finnish Population. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 3018-3026.	1.8	28
44	New loci for body fat percentage reveal link between adiposity and cardiometabolic disease risk. Nature Communications, 2016, 7, 10495.	5.8	245
45	Family history of type 2 diabetes increases the risk of both obesity and its complications: is type 2 diabetes a disease of inappropriate lipid storage?. Journal of Internal Medicine, 2015, 277, 540-551.	2.7	67
46	Both Fasting and Glucose-Stimulated Proinsulin Levels Predict Hyperglycemia and Incident Type 2 Diabetes: A Population-Based Study of 9,396 Finnish Men. PLoS ONE, 2015, 10, e0124028.	1.1	34
47	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.	1.5	331
48	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	13.7	1,328
49	Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206.	13.7	3,823
50	Fasting and OGTT-derived Measures of Insulin Resistance as Compared With the Euglycemic-Hyperinsulinemic Clamp in Nondiabetic Finnish Offspring of Type 2 Diabetic Individuals. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 544-550.	1.8	36
51	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. Nature Communications, 2015, 6, 5897.	5.8	173
52	Glycated Hemoglobin Levels Are Mostly Dependent on Nonglycemic Parameters in 9398 Finnish Men Without Diabetes. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 1989-1996.	1.8	17
53	Directional dominance on stature and cognition inÂdiverse human populations. Nature, 2015, 523, 459-462.	13.7	173
54	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, 2279-2285.	0.3	24

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55	Increased risk of diabetes with statin treatment is associated with impaired insulin sensitivity and insulin secretion: a 6Âyear follow-up study of the METSIM cohort. Diabetologia, 2015, 58, 1109-1117.	2.9	257
56	Associations of multiple lipoprotein and apolipoprotein measures with worsening of glycemia and incident type 2 diabetes in 6607 non-diabetic Finnish men. Atherosclerosis, 2015, 240, 272-277.	0.4	47
57	Plasma fatty acids as predictors of glycaemia and type 2 diabetes. Diabetologia, 2015, 58, 2533-2544.	2.9	85
58	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. Nature Genetics, 2015, 47, 1415-1425.	9.4	365
59	Simvastatin Impairs Insulin Secretion by Multiple Mechanisms in MIN6 Cells. PLoS ONE, 2015, 10, e0142902.	1.1	39
60	Markers of Tissue-Specific Insulin Resistance Predict the Worsening of Hyperglycemia, Incident Type 2 Diabetes and Cardiovascular Disease. PLoS ONE, 2014, 9, e109772.	1.1	12
61	Impact of Type 2 Diabetes Susceptibility Variants on Quantitative Glycemic Traits Reveals Mechanistic Heterogeneity. Diabetes, 2014, 63, 2158-2171.	0.3	297
62	A Central Role for GRB10 in Regulation of Islet Function in Man. PLoS Genetics, 2014, 10, e1004235.	1.5	164
63	Association of erythrocyte membrane fatty acids with changes in glycemia and risk of type 2 diabetes. American Journal of Clinical Nutrition, 2014, 99, 79-85.	2.2	77
64	Genetics of metabolic syndrome. Reviews in Endocrine and Metabolic Disorders, 2014, 15, 243-252.	2.6	67
65	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	9.4	1,818
66	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. Nature Genetics, 2014, 46, 234-244.	9.4	959
67	Exome sequencing-driven discovery of coding polymorphisms associated with common metabolic phenotypes. Diabetologia, 2013, 56, 298-310.	2.9	119
68	Meta-analysis of Gene-Level Associations for Rare Variants Based on Single-Variant Statistics. American Journal of Human Genetics, 2013, 93, 236-248.	2.6	60
69	Association of Ketone Body Levels With Hyperglycemia and Type 2 Diabetes in 9,398 Finnish Men. Diabetes, 2013, 62, 3618-3626.	0.3	105
70	Discovery and refinement of loci associated with lipid levels. Nature Genetics, 2013, 45, 1274-1283.	9.4	2,641
71	Common variants associated with plasma triglycerides and risk for coronary artery disease. Nature Genetics, 2013, 45, 1345-1352.	9.4	754
72	Exome array analysis identifies new loci and low-frequency variants influencing insulin processing and secretion. Nature Genetics, 2013, 45, 197-201.	9.4	247

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73	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. Nature Genetics, 2013, 45, 501-512.	9.4	578
74	Link Between GIP and Osteopontin in Adipose Tissue and Insulin Resistance. Diabetes, 2013, 62, 2088-2094.	0.3	75
75	Trans-Ethnic Fine-Mapping of Lipid Loci Identifies Population-Specific Signals and Allelic Heterogeneity That Increases the Trait Variance Explained. PLoS Genetics, 2013, 9, e1003379.	1.5	112
76	Gene Ã— Physical Activity Interactions in Obesity: Combined Analysis of 111,421 Individuals of European Ancestry. PLoS Genetics, 2013, 9, e1003607.	1.5	168
77	Mendelian Randomization Studies Do Not Support a Causal Role for Reduced Circulating Adiponectin Levels in Insulin Resistance and Type 2 Diabetes. Diabetes, 2013, 62, 3589-3598.	0.3	116
78	Non-Cholesterol Sterol Levels Predict Hyperglycemia and Conversion to Type 2 Diabetes in Finnish Men. PLoS ONE, 2013, 8, e67406.	1.1	18
79	Hyperglycemia and a Common Variant of GCKR Are Associated With the Levels of Eight Amino Acids in 9,369 Finnish Men. Diabetes, 2012, 61, 1895-1902.	0.3	251
80	No Interactions Between Previously Associated 2-Hour Glucose Gene Variants and Physical Activity or BMI on 2-Hour Glucose Levels. Diabetes, 2012, 61, 1291-1296.	0.3	23
81	Lipoprotein subclass profiles in individuals with varying degrees of glucose tolerance: a populationâ€based study of 9399 Finnish men. Journal of Internal Medicine, 2012, 272, 562-572.	2.7	83
82	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. Nature Genetics, 2012, 44, 981-990.	9.4	1,748
83	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. Nature Genetics, 2012, 44, 659-669.	9.4	762
84	Genome-Wide Screen for Metabolic Syndrome Susceptibility Loci Reveals Strong Lipid Gene Contribution But No Evidence for Common Genetic Basis for Clustering of Metabolic Syndrome Traits. Circulation: Cardiovascular Genetics, 2012, 5, 242-249.	5.1	182
85	Association between liver insulin resistance and cardiovascular risk factors. Journal of Internal Medicine, 2012, 272, 402-408.	2.7	17
86	Genetic variation near IRS1 associates with reduced adiposity and an impaired metabolic profile. Nature Genetics, 2011, 43, 753-760.	9.4	289
87	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. Nature, 2011, 478, 103-109.	13.7	1,855
88	A Common Variant in TFB1M Is Associated with Reduced Insulin Secretion and Increased Future Risk of Type 2 Diabetes. Cell Metabolism, 2011, 13, 80-91.	7.2	81
89	Genome-Wide Association Identifies Nine Common Variants Associated With Fasting Proinsulin Levels and Provides New Insights Into the Pathophysiology of Type 2 Diabetes. Diabetes, 2011, 60, 2624-2634.	0.3	335
90	SIRT3 Deficiency and Mitochondrial Protein Hyperacetylation Accelerate the Development of the Metabolic Syndrome. Molecular Cell, 2011, 44, 177-190.	4.5	691

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91	Association of the FTO gene variant (rs9939609) with cardiovascular disease in men with abnormal glucose metabolism â€“ The Finnish Diabetes Prevention Study. Nutrition, Metabolism and Cardiovascular Diseases, 2011, 21, 691-698.	1.1	45
92	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.	1.1	13
93	A novel surrogate index for hepatic insulin resistance. Diabetologia, 2011, 54, 540-543.	2.9	41
94	Association of indices of liver and adipocyte insulin resistance with 19 confirmed susceptibility loci for type 2 diabetes in 6,733 non-diabetic Finnish men. Diabetologia, 2011, 54, 563-571.	2.9	38
95	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.	2.9	34
96	Impact of Positive Family History and Genetic Risk Variants on the Incidence of Diabetes: The Finnish Diabetes Prevention Study. Diabetes Care, 2011, 34, 418-423.	4.3	44
97	Evidence of How rs7575840 Influences Apolipoprotein Bâ€“Containing Lipid Particles. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1201-1207.	1.1	15
98	Pleiotropic Effects of GIP on Islet Function Involve Osteopontin. Diabetes, 2011, 60, 2424-2433.	0.3	83
99	Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. Human Molecular Genetics, 2011, 20, 2273-2284.	1.4	168
100	Effects of 34 Risk Loci for Type 2 Diabetes or Hyperglycemia on Lipoprotein Subclasses and Their Composition in 6,580 Nondiabetic Finnish Men. Diabetes, 2011, 60, 1608-1616.	0.3	77
101	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.	3.9	446
102	Relation of Direct and Surrogate Measures of Insulin Resistance to Cardiovascular Risk Factors in Nondiabetic Finnish Offspring of Type 2 Diabetic Individuals. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 5082-5090.	1.8	85
103	Changes in Cytokine Levels During Acute Hyperinsulinemia in Offspring of Type 2 Diabetic Subjects. Atherosclerosis, 2010, 210, 536-541.	0.4	15
104	Identification of Undiagnosed Type 2 Diabetic Individuals by the Finnish Diabetes Risk Score and Biochemical and Genetic Markers: A Population-Based Study of 7232 Finnish Men. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 3858-3862.	1.8	45
105	The D299G/T399I Toll-Like Receptor 4 Variant Associates with Body and Liver Fat: Results from the TULIP and METSIM Studies. PLoS ONE, 2010, 5, e13980.	1.1	27
106	Changes in Insulin Sensitivity and Insulin Release in Relation to Glycemia and Glucose Tolerance in 6,414 Finnish Men. Diabetes, 2009, 58, 1212-1221.	0.3	324
107	Common polymorphisms within the NR4A3 locus, encoding the orphan nuclear receptor Nor-1, are associated with enhanced Î²-cell function in non-diabetic subjects. BMC Medical Genetics, 2009, 10, 77.	2.1	22
108	Association of 18 Confirmed Susceptibility Loci for Type 2 Diabetes With Indices of Insulin Release, Proinsulin Conversion, and Insulin Sensitivity in 5,327 Nondiabetic Finnish Men. Diabetes, 2009, 58, 2129-2136.	0.3	161

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109	Association of Common Genetic Variation in theFOXO1Gene with Î²-Cell Dysfunction, Impaired Glucose Tolerance, and Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 1353-1360.	1.8	39
110	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, 502-511.	2.9	139
111	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, 514-517.	0.3	53
112	Single-Nucleotide Polymorphism rs7754840 ofCDKAL1Is 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, 1924-1930.	1.8	75
113	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.	1.1	15
114	Beneficial effect of simvastatin treatment on LDL oxidation and antioxidant protection is more pronounced in combined hyperlipidemia than in hypercholesterolemia. Pharmacological Research, 2006, 54, 203-207.	3.1	23
115	Tissue-Specific Alteration of Metabolic Pathways Influences Glycemic Regulation. SSRN Electronic Journal, 0, , .	0.4	0