Tiinamaija Tuomi

List of Publications by Year in Descending Order

113 papers	40,314 citations	56 h-index	128 g-index
128 ext. papers	48,801 ext. citations	16.6 avg, IF	5.49 L-index

#	Paper	IF	Citations
113	How Communicating Polygenic and Clinical Risk for Atherosclerotic Cardiovascular Disease Impacts Health Behavior: an Observational Follow-up Study.. *Circulation Genomic and Precision Medicine*, **2022**, CIRCGEN121003459	5.2	4
112	Subgroups of patients with young-onset type 2 diabetes in India reveal insulin deficiency as a major driver. *Diabetologia*, **2022**, 65, 65-78	10.3	5
111	Integration of questionnaire-based risk factors improves polygenic risk scores for human coronary heart disease and type 2 diabetes.. *Communications Biology*, **2022**, 5, 158	6.7	0
110	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. *Nature Genetics*, **2022**,	36.3	7
109	Genome-wide association analyses highlight etiological differences underlying newly defined subtypes of diabetes. *Nature Genetics*, **2021**, 53, 1534-1542	36.3	7
108	Saving time by replacing the standardised two-hour oral glucose tolerance test with a one-hour test: Validation of a new screening algorithm in patients with coronary artery disease from the ESC-EORP EUROASPIRE V registry. *Diabetes Research and Clinical Practice*, **2021**, 183, 109156	7.4	0
107	Urinary extracellular vesicles: Assessment of pre-analytical variables and development of a quality control with focus on transcriptomic biomarker research. *Journal of Extracellular Vesicles*, **2021**, 10, e12158	16.4	7
106	A Web Portal for Communicating Polygenic Risk Score Results for Health Care Use-The P5 Study. *Frontiers in Genetics*, **2021**, 12, 763159	4.5	1
105	Combined lifestyle factors and the risk of LADA and type 2 diabetes - Results from a Swedish population-based case-control study. *Diabetes Research and Clinical Practice*, **2021**, 174, 108760	7.4	1
104	The trans-ancestral genomic architecture of glycemic traits. *Nature Genetics*, **2021**, 53, 840-860	36.3	44
103	Determinants of penetrance and variable expressivity in monogenic metabolic conditions across 77,184 exomes. *Nature Communications*, **2021**, 12, 3505	17.4	5
102	Glucose-Dependent Insulinotropic Peptide in the High-Normal Range Is Associated With Increased Carotid Intima-Media Thickness. *Diabetes Care*, **2021**, 44, 224-230	14.6	6
101	Genetic analysis of obstructive sleep apnoea discovers a strong association with cardiometabolic health. *European Respiratory Journal*, **2021**, 57,	13.6	17
100	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. *Nature Communications*, **2021**, 12, 24	17.4	30
99	Accuracy of 1-Hour Plasma Glucose During the Oral Glucose Tolerance Test in Diagnosis of Type 2 Diabetes in Adults: A Meta-analysis. *Diabetes Care*, **2021**, 44, 1062-1069	14.6	9
98	Human Physiology of Genetic Defects Causing Beta-cell Dysfunction. *Journal of Molecular Biology*, **2020**, 432, 1579-1598	6.5	3
97	Glucose-dependent insulinotropic peptide and risk of cardiovascular events and mortality: a prospective study. *Diabetologia*, **2020**, 63, 1043-1054	10.3	10

96	Genetic Discrimination Between LADA and Childhood-Onset Type 1 Diabetes Within the MHC. *Diabetes Care*, **2020**, 43, 418-425	14.6	15
95	Low-cost exercise interventions improve long-term cardiometabolic health independently of a family history of type 2 diabetes: a randomized parallel group trial. *BMJ Open Diabetes Research and Care*, **2020**, 8,	4.5	1
94	Physical Activity, Genetic Susceptibility, and the Risk of Latent Autoimmune Diabetes in Adults and Type 2 Diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	3
93	Management of Latent Autoimmune Diabetes in Adults: A Consensus Statement From an International Expert Panel. *Diabetes*, **2020**, 69, 2037-2047	0.9	43
92	Genotypes of HLA, TCF7L2, and FTO as potential modifiers of the association between sweetened beverage consumption and risk of LADA and type 2 diabetes. *European Journal of Nutrition*, **2020**, 59, 127-135	5.2	4
91	Clusters provide a better holistic view of type 2 diabetes than simple clinical features. *Lancet Diabetes and Endocrinology,the*, **2019**, 7, 668-669	18.1	10
90	Interaction Between Overweight and Genotypes of HLA, TCF7L2, and FTO in Relation to the Risk of Latent Autoimmune Diabetes in Adults and Type 2 Diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 4815-4826	5.6	16
89	Exome sequencing of 20,791 cases of type 2 diabetes and 24,440 controls. *Nature*, **2019**, 570, 71-76	50.4	129
88	1-Hour Post-OGTT Glucose Improves the Early Prediction of Type 2 Diabetes by Clinical and Metabolic Markers. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 1131-1140	5.6	27
87	The associations of daylight and melatonin receptor 1B gene rs10830963 variant with glycemic traits: the prospective PPP-Botnia study. *Annals of Medicine*, **2019**, 51, 58-67	1.5	6
86	Associations of autozygosity with a broad range of human phenotypes. *Nature Communications*, **2019**, 10, 4957	17.4	40
85	Loss of ZnT8 function protects against diabetes by enhanced insulin secretion. *Nature Genetics*, **2019**, 51, 1596-1606	36.3	45
84	Novel subgroups of adult-onset diabetes and their association with outcomes: a data-driven cluster analysis of six variables. *Lancet Diabetes and Endocrinology,the*, **2018**, 6, 361-369	18.1	810
83	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
82	HAPT2D: high accuracy of prediction of T2D with a model combining basic and advanced data depending on availability. *European Journal of Endocrinology*, **2018**, 178, 331-341	6.5	11
81	Overweight, obesity and the risk of LADA: results from a Swedish case-control study and the Norwegian HUNT Study. *Diabetologia*, **2018**, 61, 1333-1343	10.3	39
80	Glycaemic variability-based classification of impaired glucose tolerance vs. type 2 diabetes using continuous glucose monitoring data. *Computers in Biology and Medicine*, **2018**, 96, 141-146	7	6
79	Diabetes and Prediabetes Classification Using Glycemic Variability Indices From Continuous Glucose Monitoring Data. *Journal of Diabetes Science and Technology*, **2018**, 12, 105-113	4.1	18

78	Melatonin receptor 1B gene rs10830963 polymorphism, depressive symptoms and glycaemic traits. *Annals of Medicine*, **2018**, 50, 704-712	1.5	3
77	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
76	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
75	Obstructive sleep apnoea and the risk for coronary heart disease and type 2 diabetes: a longitudinal population-based study in Finland. *BMJ Open*, **2018**, 8, e022752	3	27
74	Novel diabetes subgroups - AuthorsWeply. *Lancet Diabetes and Endocrinology,the*, **2018**, 6, 440-441	18.1	3
73	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
72	Early metabolic markers identify potential targets for the prevention of type 2 diabetes. *Diabetologia*, **2017**, 60, 1740-1750	10.3	62
71	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. *Diabetes*, **2017**, 66, 2888-2902	8.2	414
70	Heterozygous RFX6 protein truncating variants are associated with MODY with reduced penetrance. *Nature Communications*, **2017**, 8, 888	17.4	57
69	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. *Scientific Data*, **2017**, 4, 170179	8.2	22
68	Biliary Anomalies in Patients With HNF1B Diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 2075-2082	5.6	9
67	Genetic determinants of circulating GIP and GLP-1 concentrations. *JCI Insight*, **2017**, 2,	9.9	27
66	A reference panel of 64,976 haplotypes for genotype imputation. *Nature Genetics*, **2016**, 48, 1279-83	36.3	1447
65	Analysis of protein-coding genetic variation in 60,706 humans. *Nature*, **2016**, 536, 285-91	50.4	6940
64	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. *Nature Genetics*, **2016**, 48, 1151-1161	36.3	181
63	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
62	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
61	Sweetened beverage intake and risk of latent autoimmune diabetes in adults (LADA) and type 2 diabetes. *European Journal of Endocrinology*, **2016**, 175, 605-614	6.5	25

60	The genetic architecture of type 2 diabetes. *Nature*, **2016**, 536, 41-47	50.4	704
59	Increased Melatonin Signaling Is a Risk Factor for Type 2 Diabetes. *Cell Metabolism*, **2016**, 23, 1067-1077	24.6	159
58	Smoking and the Risk of LADA: Results From a Swedish Population-Based Case-Control Study. *Diabetes Care*, **2016**, 39, 794-800	14.6	19
57	DNA methylation of loci within ABCG1 and PHOSPHO1 in blood DNA is associated with future type 2 diabetes risk. *Epigenetics*, **2016**, 11, 482-8	5.7	99
56	Directional dominance on stature and cognition in diverse human populations. *Nature*, **2015**, 523, 459-462	50.4	119
55	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
54	Low birthweight is associated with an increased risk of LADA and type 2 diabetes: results from a Swedish case-control study. *Diabetologia*, **2015**, 58, 2525-32	10.3	11
53	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. *Nature Genetics*, **2015**, 47, 1415-25	36.3	292
52	New genetic loci link adipose and insulin biology to body fat distribution. *Nature*, **2015**, 518, 187-196	50.4	920
51	Genetic studies of body mass index yield new insights for obesity biology. *Nature*, **2015**, 518, 197-206	50.4	2687
50	The many faces of diabetes: a disease with increasing heterogeneity. *Lancet, The*, **2014**, 383, 1084-94	40	369
49	Defining the role of common variation in the genomic and biological architecture of adult human height. *Nature Genetics*, **2014**, 46, 1173-86	36.3	1339
48	Type 2 diabetes susceptibility gene variants predispose to adult-onset autoimmune diabetes. *Diabetologia*, **2014**, 57, 1859-68	10.3	43
47	Loss-of-function mutations in SLC30A8 protect against type 2 diabetes. *Nature Genetics*, **2014**, 46, 357-63	36.3	351
46	Simulation of Finnish population history, guided by empirical genetic data, to assess power of rare-variant tests in Finland. *American Journal of Human Genetics*, **2014**, 94, 710-20	11	19
45	Impact of type 2 diabetes susceptibility variants on quantitative glycemic traits reveals mechanistic heterogeneity. *Diabetes*, **2014**, 63, 2158-71	0.9	235
44	A central role for GRB10 in regulation of islet function in man. *PLoS Genetics*, **2014**, 10, e1004235	6	124
43	The association between HbA1c, fasting glucose, 1-hour glucose and 2-hour glucose during an oral glucose tolerance test and cardiovascular disease in individuals with elevated risk for diabetes. *PLoS ONE*, **2014**, 9, e109506	3.7	31

42	Discovery and refinement of loci associated with lipid levels. *Nature Genetics*, **2013**, 45, 1274-1283	36.3	1904
41	Zinc transporter type 8 autoantibodies (ZnT8A): prevalence and phenotypic associations in latent autoimmune diabetes patients and patients with adult onset type 1 diabetes. *Autoimmunity*, **2013**, 46, 251-8	3	17
40	Assessing the phenotypic effects in the general population of rare variants in genes for a dominant Mendelian form of diabetes. *Nature Genetics*, **2013**, 45, 1380-5	36.3	103
39	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. *Nature Genetics*, **2013**, 45, 501-12	36.3	437
38	Link between GIP and osteopontin in adipose tissue and insulin resistance. *Diabetes*, **2013**, 62, 2088-94	0.9	64
37	Sex-stratified genome-wide association studies including 270,000 individuals show sexual dimorphism in genetic loci for anthropometric traits. *PLoS Genetics*, **2013**, 9, e1003500	6	277
36	Chromosome 2q31.1 associates with ESRD in women with type 1 diabetes. *Journal of the American Society of Nephrology: JASN*, **2013**, 24, 1537-43	12.7	54
35	Adult-onset autoimmune diabetes in Europe is prevalent with a broad clinical phenotype: Action LADA 7. *Diabetes Care*, **2013**, 36, 908-13	14.6	198
34	A genome-wide approach accounting for body mass index identifies genetic variants influencing fasting glycemic traits and insulin resistance. *Nature Genetics*, **2012**, 44, 659-69	36.3	615
33	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. *Nature Genetics*, **2012**, 44, 991-1005	36.3	621
32	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, 2624-34	0.9	285
31	Power in the phenotypic extremes: a simulation study of power in discovery and replication of rare variants. *Genetic Epidemiology*, **2011**, 35, 236-46	2.6	83
30	Pleiotropic effects of GIP on islet function involve osteopontin. *Diabetes*, **2011**, 60, 2424-33	0.9	72
29	Biological, clinical and population relevance of 95 loci for blood lipids. *Nature*, **2010**, 466, 707-13	50.4	2742
28	Hundreds of variants clustered in genomic loci and biological pathways affect human height. *Nature*, **2010**, 467, 832-8	50.4	1514
27	Genetic variation in GIPR influences the glucose and insulin responses to an oral glucose challenge. *Nature Genetics*, **2010**, 42, 142-8	36.3	527
26	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. *Nature Genetics*, **2010**, 42, 579-89	36.3	1449
25	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

24	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. *Nature Genetics*, **2010**, 42, 937-48	36.3	2267
23	Latent autoimmune diabetes in adults differs genetically from classical type 1 diabetes diagnosed after the age of 35 years. *Diabetes Care*, **2010**, 33, 2062-4	14.6	58
22	GAD antibody positivity predicts type 2 diabetes in an adult population. *Diabetes*, **2010**, 59, 416-22	0.9	37
21	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
20	Variants in MTNR1B influence fasting glucose levels. *Nature Genetics*, **2009**, 41, 77-81	36.3	584
19	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
18	Genetic similarities between latent autoimmune diabetes in adults, type 1 diabetes, and type 2 diabetes. *Diabetes*, **2008**, 57, 1433-7	0.9	165
17	Mechanisms by which common variants in the TCF7L2 gene increase risk of type 2 diabetes. *Journal of Clinical Investigation*, **2007**, 117, 2155-63	15.9	574
16	Improved prandial glucose control with lower risk of hypoglycemia with nateglinide than with glibenclamide in patients with maturity-onset diabetes of the young type 3. *Diabetes Care*, **2006**, 29, 189-94	14.6	60
15	Type 1 and type 2 diabetes: what do they have in common?. *Diabetes*, **2005**, 54 Suppl 2, S40-5	0.9	76
14	Cross-sectional evaluation of the Finnish Diabetes Risk Score: a tool to identify undetected type 2 diabetes, abnormal glucose tolerance and metabolic syndrome. *Diabetes and Vascular Disease Research*, **2005**, 2, 67-72	3.3	219
13	Predictors of and longitudinal changes in insulin sensitivity and secretion preceding onset of type 2 diabetes. *Diabetes*, **2005**, 54, 166-74	0.9	267
12	Intrauterine hyperglycemia modifying the development of (monogenic) diabetes?. *Diabetes Care*, **2003**, 26, 1295-6	14.6	1
11	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
10	Prediction of silent celiac disease at diagnosis of childhood type 1 diabetes by tissue transglutaminase autoantibodies and HLA. *Pediatric Diabetes*, **2001**, 2, 58-65	3.6	27
9	The common PPARgamma Pro12Ala polymorphism is associated with decreased risk of type 2 diabetes. *Nature Genetics*, **2000**, 26, 76-80	36.3	1486
8	Insulin and glucagon secretion in patients with slowly progressing autoimmune diabetes (LADA). *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 76-80	5.6	59
7	Non-insulin-dependent diabetes mellitus--a collision between thrifty genes and an affluent society. *Annals of Medicine*, **1997**, 29, 37-53	1.5	61

6	Aetiological differences between novel subtypes of diabetes derived from genetic associations	2
5	Trans-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation	10
4	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
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