Jorma Ilonen

List of Publications by Year
in descending order

80 papers	3,095 citations	212478 28 h-index	206121 51 g-index
81 all docs	81 docs citations	81 times ranked	3912 citing authors

#	Article	IF	Citations
1	The 6Âyear incidence of diabetes-associated autoantibodies in genetically at-risk children: the TEDDY study. Diabetologia, 2015, 58, 980-987.	2.9	313
2	The heterogeneous pathogenesis of type 1 diabetes mellitus. Nature Reviews Endocrinology, 2019, 15, 635-650.	4.3	249
3	Bacteroides dorei dominates gut microbiome prior to autoimmunity in Finnish children at high risk for type 1 diabetes. Frontiers in Microbiology, 2014, 5, 678.	1.5	241
4	Genetic and Environmental Interactions Modify the Risk of Diabetes-Related Autoimmunity by 6 Years of Age: The TEDDY Study. Diabetes Care, 2017, 40, 1194-1202.	4.3	138
5	Respiratory infections are temporally associated with initiation of type 1 diabetes autoimmunity: the TEDDY study. Diabetologia, 2017, 60, 1931-1940.	2.9	112
6	Role of Type 1 Diabetesâ€"Associated SNPs on Risk of Autoantibody Positivity in the TEDDY Study. Diabetes, 2015, 64, 1818-1829.	0.3	108
7	Genetic susceptibility to type 1 diabetes in childhoodÂ-Âestimation of HLA class II associated disease risk and class II effect in various phases of islet autoimmunity. Pediatric Diabetes, 2016, 17, 8-16.	1.2	103
8	Coxsackievirus B1 infections are associated with the initiation of insulin-driven autoimmunity that progresses to type 1 diabetes. Diabetologia, 2018, 61, 1193-1202.	2.9	95
9	Association of Gluten Intake During the First 5 Years of Life With Incidence of Celiac Disease Autoimmunity and Celiac Disease Among Children at Increased Risk. JAMA - Journal of the American Medical Association, 2019, 322, 514.	3.8	95
10	Circulating CXCR5+PD-1+ICOS+ Follicular T Helper Cells Are Increased Close to the Diagnosis of Type 1 Diabetes in Children With Multiple Autoantibodies. Diabetes, 2017, 66, 437-447.	0.3	94
11	Predicting Islet Cell Autoimmunity and Type 1 Diabetes: An 8-Year TEDDY Study Progress Report. Diabetes Care, 2019, 42, 1051-1060.	4.3	75
12	Circulating CXCR5â^'PD-1hi peripheral T helper cells are associated with progression to type 1 diabetes. Diabetologia, 2019, 62, 1681-1688.	2.9	57
13	Serum 25-Hydroxyvitamin D Concentrations in Children Progressing to Autoimmunity and Clinical Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 723-729.	1.8	53
14	Fatty acid status in infancy is associated with the risk of type 1 diabetes-associated autoimmunity. Diabetologia, 2017, 60, 1223-1233.	2.9	53
15	Non-HLA gene effects on the disease process of type 1 diabetes: From HLA susceptibility to overt disease. Journal of Autoimmunity, 2015, 61, 45-53.	3.0	50
16	Growth and Risk for Islet Autoimmunity and Progression to Type 1 Diabetes in Early Childhood: The Environmental Determinants of Diabetes in the Young Study. Diabetes, 2016, 65, 1988-1995.	0.3	49
17	Early Infant Diet and Islet Autoimmunity in the TEDDY Study. Diabetes Care, 2018, 41, 522-530.	4.3	48
18	Serum Proteomes Distinguish Children Developing Type 1 Diabetes in a Cohort With HLA-Conferred Susceptibility. Diabetes, 2015, 64, 2265-2278.	0.3	46

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19	Metabolic alterations in immune cells associate with progression to type 1 diabetes. Diabetologia, 2020, 63, 1017-1031.	2.9	42
20	FOXP3+ Regulatory T Cell Compartment Is Altered in Children With Newly Diagnosed Type 1 Diabetes but Not in Autoantibody-Positive at-Risk Children. Frontiers in Immunology, 2019, 10, 19.	2.2	40
21	Residual beta-cell function in diabetes children followed and diagnosed in the TEDDY study compared to community controls. Pediatric Diabetes, 2017, 18, 794-802.	1.2	39
22	Primary islet autoantibody at initial seroconversion and autoantibodies at diagnosis of type 1 diabetes as markers of disease heterogeneity. Pediatric Diabetes, 2018, 19, 284-292.	1.2	39
23	Ketoacidosis at diagnosis of type 1 diabetes: Effect of prospective studies with newborn genetic screening and follow up of risk children. Pediatric Diabetes, 2018, 19, 314-319.	1.2	37
24	The methylome of the gut microbiome: disparate Dam methylation patterns in intestinal Bacteroides dorei. Frontiers in Microbiology, 2014, 5, 361.	1.5	36
25	Dynamics of Islet Autoantibodies During Prospective Follow-Up From Birth to Age 15 Years. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e4638-e4651.	1.8	35
26	Reduced Î²-cell function in early preclinical type 1 diabetes. European Journal of Endocrinology, 2016, 174, 251-259.	1.9	34
27	B-Cell Responses to Human Bocaviruses 1â€“4: New Insights from a Childhood Follow-Up Study. PLoS ONE, 2015, 10, e0139096.	1.1	31
28	Infant Feeding in Relation to the Risk of Advanced Islet Autoimmunity and Type 1 Diabetes in Children With Increased Genetic Susceptibility: A Cohort Study. American Journal of Epidemiology, 2018, 187, 34-44.	1.6	30
29	Circulating metabolites in progression to islet autoimmunity and type 1 diabetes. Diabetologia, 2019, 62, 2287-2297.	2.9	30
30	Early exposure to cats, dogs and farm animals and the risk of childhood asthma and allergy. Pediatric Allergy and Immunology, 2020, 31, 265-272.	1.1	30
31	Early suppression of immune response pathways characterizes children with prediabetes in genome-wide gene expression profiling. Journal of Autoimmunity, 2010, 35, 70-76.	3.0	29
32	Characterisation of rapid progressors to type 1 diabetes among children with HLA-conferred disease susceptibility. Diabetologia, 2017, 60, 1284-1293.	2.9	29
33	Distinct Growth Phases in Early Life Associated With the Risk of Type 1 Diabetes: The TEDDY Study. Diabetes Care, 2020, 43, 556-562.	4.3	28
34	An Increase in Serum 25-Hydroxyvitamin D Concentrations Preceded a Plateau in Type 1 Diabetes Incidence in Finnish Children. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E2353-E2356.	1.8	26
35	Joint modeling of longitudinal autoantibody patterns and progression to type 1 diabetes: results from the TEDDY study. Acta Diabetologica, 2017, 54, 1009-1017.	1.2	24
36	The association of the <i>HLAâ€A*24:02, B*39:01</i> and <i>B*39:06</i> alleles with type 1 diabetes is restricted to specific <i>HLAâ€DR/DQ</i> haplotypes in Finns. Hla, 2017, 89, 215-224.	0.4	23

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37	Age at Seroconversion, HLA Genotype, and Specificity of Autoantibodies in Progression of Islet Autoimmunity in Childhood. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 4521-4530.	1.8	23
38	Progression from islet autoimmunity to clinical type 1 diabetes is influenced by genetic factors: results from the prospective TEDDY study. Journal of Medical Genetics, 2019, 56, 602-605.	1.5	22
39	Effector T Cell Resistance to Suppression and STAT3 Signaling during the Development of Human Type 1 Diabetes. Journal of Immunology, 2018, 201, 1144-1153.	0.4	21
40	Circulating Î² cell-specific CD8+ T cells restricted by high-risk HLA class I molecules show antigen experience in children with and at risk of type 1 diabetes. Clinical and Experimental Immunology, 2020, 199, 263-277.	1.1	20
41	Antibodies to Deamidated Gliadin Peptide in Diagnosis of Celiac Disease in Children. Journal of Pediatric Gastroenterology and Nutrition, 2015, 60, 626-631.	0.9	19
42	Cord-Blood Lipidome in Progression to Islet Autoimmunity and Type 1 Diabetes. Biomolecules, 2019, 9, 33.	1.8	19
43	Early-life exposure to perfluorinated alkyl substances modulates lipid metabolism in progression to celiac disease. Environmental Research, 2020, 188, 109864.	3.7	19
44	Influenza A virus antibodies show no association with pancreatic islet autoantibodies in children genetically predisposed to type 1 diabetes. Diabetologia, 2015, 58, 2592-2595.	2.9	18
45	Exocrine pancreas function decreases during the progression of the betaâ€cell damaging process in young prediabetic children. Pediatric Diabetes, 2018, 19, 398-402.	1.2	17
46	Maternal dietary supplement use and development of islet autoimmunity in the offspring: TEDDY study. Pediatric Diabetes, 2019, 20, 86-92.	1.2	17
47	Sex as a determinant of type 1 diabetes at diagnosis. Pediatric Diabetes, 2018, 19, 1221-1228.	1.2	17
48	Type 1 diabetes linked PTPN22 gene polymorphism is associated with the frequency of circulating regulatory T cells. European Journal of Immunology, 2020, 50, 581-588.	1.6	17
49	Transglutaminase antibodies and celiac disease in children with type 1 diabetes and in their family members. Pediatric Diabetes, 2018, 19, 305-313.	1.2	16
50	<scp>HLAâ€DRâ€DQ</scp> haplotypes and specificity of the initial autoantibody in islet specific autoimmunity. Pediatric Diabetes, 2020, 21, 1218-1226.	1.2	16
51	Natural Development of Antibodies against Streptococcus pneumoniae, Haemophilus influenzae, and Moraxella catarrhalis Protein Antigens during the First 13 Years of Life. Vaccine Journal, 2016, 23, 878-883.	3.2	15
52	Serum carotenoid and tocopherol concentrations and risk of asthma in childhood: a nested caseâ€"control study. Clinical and Experimental Allergy, 2017, 47, 401-409.	1.4	15
53	HLA and non-HLA genes and familial predisposition to autoimmune diseases in families with a child affected by type 1 diabetes. PLoS ONE, 2017, 12, e0188402.	1.1	15
54	Risk genes and autoantibodies in Egyptian children with type 1 diabetes â€" low frequency of autoantibodies in carriers of the HLAâ€DRB1*04:05â€DQA1*03â€DQB1*02 risk haplotype. Diabetes/Metabolism Research and Reviews, 2015, 31, 287-294.	1.7	13

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55	Vitamin D intake during the first 4 years and onset of asthma by age 5: A nested caseâ€control study. Pediatric Allergy and Immunology, 2017, 28, 641-648.	1.1	13
56	Carotenoid Intake and Serum Concentration in Young Finnish Children and Their Relation with Fruit and Vegetable Consumption. Nutrients, 2018, 10, 1533.	1.7	13
57	Early childhood CMV infection may decelerate the progression to clinical type 1 diabetes. Pediatric Diabetes, 2019, 20, 73-77.	1.2	13
58	Mucosal-associated invariant T cell alterations during the development of human type 1 diabetes. Diabetologia, 2020, 63, 2396-2409.	2.9	13
59	Characterization of Proinsulin T Cell Epitopes Restricted by Type 1 Diabetesâ€"Associated HLA Class II Molecules. Journal of Immunology, 2020, 204, 2349-2359.	0.4	13
60	Enterovirus-associated changes in blood transcriptomic profiles of children with genetic susceptibility to type 1 diabetes. Diabetologia, 2018, 61, 381-388.	2.9	12
61	Serum 25-Hydroxyvitamin D Concentrations at Birth in Children Screened for HLA-DQB1 Conferred Risk for Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2277-2285.	1.8	12
62	Association between family history, early growth and the risk of beta cell autoimmunity in children at risk for type 1 diabetes. Diabetologia, 2021, 64, 119-128.	2.9	12
63	Diagnostic Methods for and Clinical Pictures of Polyomavirus Primary Infections in Children, Finland. Emerging Infectious Diseases, 2014, 20, 689-692.	2.0	11
64	Characteristics of Slow Progression to Type 1 Diabetes in Children With Increased HLA-Conferred Disease Risk. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 5585-5594.	1.8	11
65	Maternal antioxidant intake during pregnancy and the development of cowsâ€™ milk allergy in the offspring. British Journal of Nutrition, 2021, 125, 1386-1393.	1.2	9
66	Associations between deduced first islet specific autoantibody with sex, age at diagnosis and genetic risk factors in young children with type 1 diabetes. Pediatric Diabetes, 2022, 23, 693-702.	1.2	8
67	Human enterovirus and rhinovirus infections are associated with otitis media in a prospective birth cohort study. Journal of Clinical Virology, 2016, 85, 1-6.	1.6	7
68	Class II HLA Genotype Association With First-Phase Insulin Response Is Explained by Islet Autoantibodies. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 2870-2878.	1.8	7
69	No Association Between Ljungan Virus Seropositivity and the Beta-cell Damaging Process in the Finnish Type 1 Diabetes Prediction and Prevention Study Cohort. Pediatric Infectious Disease Journal, 2019, 38, 314-316.	1.1	7
70	Tri-SNP polymorphism in the intron of HLA-DRA1 affects type 1 diabetes susceptibility in the Finnish population. Human Immunology, 2021, 82, 912-916.	1.2	7
71	Novel Gene Associations in Type 1 Diabetes. Current Diabetes Reports, 2010, 10, 338-344.	1.7	6
72	Influence of Type 1 Diabetes Genes on Disease Progression: Similarities and Differences Between Countries. Current Diabetes Reports, 2012, 12, 447-455.	1.7	6

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73	Maternal Nitrate and Nitrite Intakes during Pregnancy and Risk of Islet Autoimmunity and Type 1 Diabetes: The DIPP Cohort Study. Journal of Nutrition, 2020, 150, 2969-2976.	1.3	6
74	Autoantibodies to N-terminally Truncated GAD65(96-585): HLA Associations and Predictive Value for Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e935-e946.	1.8	6
75	Live attenuated enterovirus vaccine (OPV) is not associated with islet autoimmunity in children with genetic susceptibility to type 1 diabetes: prospective cohort study. Diabetologia, 2018, 61, 203-209.	2.9	5
76	Enhancing and neutralizing antiâ€coxsackievirus activities in serum samples from patients prior to development of type 1 diabetes. Diabetes/Metabolism Research and Reviews, 2020, 36, e3305.	1.7	5
77	Maternal Vitamin C and Iron Intake during Pregnancy and the Risk of Islet Autoimmunity and Type 1 Diabetes in Children: A Birth Cohort Study. Nutrients, 2021, 13, 928.	1.7	5
78	Heterogeneity in the presentation of clinical type 1 diabetes defined by the level of risk conferred by human leukocyte antigen class II genotypes. Pediatric Diabetes, 2022, 23, 219-227.	1.2	5
79	A novel processing-based classification and conventional food grouping to estimate milk product consumption in Finnish children. International Dairy Journal, 2018, 86, 96-102.	1.5	3
80	Heterogeneity in diabetes-associated autoantibodies and susceptibility to Type 1 diabetes: lessons for disease prevention. Expert Review of Endocrinology and Metabolism, 2015, 10, 25-34.	1.2	0