Riitta Veijola

List of Publications by Year
in descending order

121 papers	5,047 citations	117625 34 h-index	106344 65 g-index
122 all docs	122 docs citations	122 times ranked	6239 citing authors

#	Article	IF	Citations
1	Seroconversion to Multiple Islet Autoantibodies and Risk of Progression to Diabetes in Children. JAMA - Journal of the American Medical Association, 2013, 309, 2473.	7.4	914
2	Antibodies to Lactobacilli and Bifidobacteria in Young Children with Different Propensity to Develop Islet Autoimmunity. Journal of Immunology Research, 2014, 2014, 1-6.	2.2	253
3	The heterogeneous pathogenesis of type 1 diabetes mellitus. Nature Reviews Endocrinology, 2019, 15, 635-650.	9.6	249
4	Bacteroides dorei dominates gut microbiome prior to autoimmunity in Finnish children at high risk for type 1 diabetes. Frontiers in Microbiology, 2014, 5, 678.	3.5	241
5	Patterns of Î²-Cell Autoantibody Appearance and Genetic Associations During the First Years of Life. Diabetes, 2013, 62, 3636-3640.	0.6	159
6	Innate Immune Activity Is Detected Prior to Seroconversion in Children With HLA-Conferred Type 1 Diabetes Susceptibility. Diabetes, 2014, 63, 2402-2414.	0.6	158
7	Predictive Characteristics of Diabetes-Associated Autoantibodies Among Children With HLA-Conferred Disease Susceptibility in the General Population. Diabetes, 2009, 58, 2835-2842.	0.6	122
8	Food diversity in infancy and the risk of childhood asthma and allergies. Journal of Allergy and Clinical Immunology, 2014, 133, 1084-1091.	2.9	104
9	Coxsackievirus B1 infections are associated with the initiation of insulin-driven autoimmunity that progresses to type 1 diabetes. Diabetologia, 2018, 61, 1193-1202.	6.3	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.	0.6	94
11	Cord Serum Lipidome in Prediction of Islet Autoimmunity and Type 1 Diabetes. Diabetes, 2013, 62, 3268-3274.	0.6	81
12	Th1/Th17 Plasticity Is a Marker of Advanced Î² Cell Autoimmunity and Impaired Glucose Tolerance in Humans. Journal of Immunology, 2015, 194, 68-75.	0.8	73
13	Detection of enteroviruses in stools precedes islet autoimmunity by several months: possible evidence for slowly operating mechanisms in virus-induced autoimmunity. Diabetologia, 2017, 60, 424-431.	6.3	73
14	Plasma 25-Hydroxyvitamin D Concentration and Risk of Islet Autoimmunity. Diabetes, 2018, 67, 146-154.	0.6	72
15	Age-Related Differences in the Frequency of Ketoacidosis at Diagnosis of Type 1 Diabetes in Children and Adolescents. Diabetes Care, 2010, 33, 1500-1502.	8.6	67
16	Age-associated DNA methylation changes in immune genes, histone modifiers and chromatin remodeling factors within 5Âyears after birth in human blood leukocytes. Clinical Epigenetics, 2015, 7, 34.	4.1	65
17	Humoral beta-cell autoimmunity in relation to HLA-defined disease susceptibility in preclinical and clinical type 1 diabetes. American Journal of Medical Genetics Part A, 2002, 115, 48-54.	2.4	63
18	Gut Virome Sequencing in Children With Early Islet Autoimmunity. Diabetes Care, 2015, 38, 930-933.	8.6	58

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19	Circulating CXCR5â^'PD-1hi peripheral T helper cells are associated with progression to type 1 diabetes. Diabetologia, 2019, 62, 1681-1688.	6.3	57
20	Dynamics of Plasma Lipidome in Progression to Islet Autoimmunity and Type 1 Diabetes â€“ Type 1 Diabetes Prediction and Prevention Study (DIPP). Scientific Reports, 2018, 8, 10635.	3.3	56
21	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.	3.6	53
22	Fatty acid status in infancy is associated with the risk of type 1 diabetes-associated autoimmunity. Diabetologia, 2017, 60, 1223-1233.	6.3	53
23	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.	6.5	50
24	Effect of HLA Class I and Class II Alleles on Progression From Autoantibody Positivity to Overt Type 1 Diabetes in Children With Risk-Associated Class II Genotypes. Diabetes, 2010, 59, 3253-3256.	0.6	49
25	HbA1c Predicts Time to Diagnosis of Type 1 Diabetes in Children at Risk. Diabetes, 2015, 64, 1719-1727.	0.6	49
26	Transcription factor 7-like 1 is involved in hypothalamoâ€“pituitary axis development in mice and humans. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E548-57.	7.1	47
27	Serum Proteomes Distinguish Children Developing Type 1 Diabetes in a Cohort With HLA-Conferred Susceptibility. Diabetes, 2015, 64, 2265-2278.	0.6	46
28	Imbalance of bacteriome profiles within the Finnish Diabetes Prediction and Prevention study: Parallel use of 16S profiling and virome sequencing in stool samples from children with islet autoimmunity and matched controls. Pediatric Diabetes, 2017, 18, 588-598.	2.9	44
29	Metabolic alterations in immune cells associate with progression to type 1 diabetes. Diabetologia, 2020, 63, 1017-1031.	6.3	42
30	Hierarchical Order of Distinct Autoantibody Spreading and Progression to Type 1 Diabetes in the TEDDY Study. Diabetes Care, 2020, 43, 2066-2073.	8.6	41
31	Association of Cereal, Gluten, and Dietary Fiber Intake With Islet Autoimmunity and Type 1 Diabetes. JAMA Pediatrics, 2019, 173, 953.	6.2	40
32	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.	4.8	40
33	Residual beta-cell function in diabetes children followed and diagnosed in the TEDDY study compared to community controls. Pediatric Diabetes, 2017, 18, 794-802.	2.9	39
34	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.	2.9	39
35	Family history of diabetes and distribution of class II HLA genotypes in children with newly diagnosed type 1 diabetes: effect on diabetic ketoacidosis. European Journal of Endocrinology, 2011, 165, 813-817.	3.7	37
36	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.	2.9	37

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37	The methylome of the gut microbiome: disparate Dam methylation patterns in intestinal Bacteroides dorei. Frontiers in Microbiology, 2014, 5, 361.	3.5	36
38	Dynamics of Islet Autoantibodies During Prospective Follow-Up From Birth to Age 15 Years. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e4638-e4651.	3.6	35
39	Reduced Î²-cell function in early preclinical type 1 diabetes. European Journal of Endocrinology, 2016, 174, 251-259.	3.7	34
40	Microbial Exposure in Infancy and Subsequent Appearance of Type 1 Diabetes Mellitusâ€“Associated Autoantibodies. JAMA Pediatrics, 2014, 168, 755.	6.2	33
41	Two missense mutations in KCNQ1 cause pituitary hormone deficiency and maternally inherited gingival fibromatosis. Nature Communications, 2017, 8, 1289.	12.8	33
42	Predicting progression to type 1 diabetes from ages 3 to 6 in islet autoantibody positive TEDDY children. Pediatric Diabetes, 2019, 20, 263-270.	2.9	31
43	B-Cell Responses to Human Bocaviruses 1â€“4: New Insights from a Childhood Follow-Up Study. PLoS ONE, 2015, 10, e0139096.	2.5	31
44	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.	3.4	30
45	Circulating metabolites in progression to islet autoimmunity and type 1 diabetes. Diabetologia, 2019, 62, 2287-2297.	6.3	30
46	Persistent Alterations in Plasma Lipid Profiles Before Introduction of Gluten in the Diet Associated With Progression to Celiac Disease. Clinical and Translational Gastroenterology, 2019, 10, e00044.	2.5	30
47	Early exposure to cats, dogs and farm animals and the risk of childhood asthma and allergy. Pediatric Allergy and Immunology, 2020, 31, 265-272.	2.6	30
48	Early suppression of immune response pathways characterizes children with prediabetes in genome-wide gene expression profiling. Journal of Autoimmunity, 2010, 35, 70-76.	6.5	29
49	Characterisation of rapid progressors to type 1 diabetes among children with HLA-conferred disease susceptibility. Diabetologia, 2017, 60, 1284-1293.	6.3	29
50	Eliminating cowsâ€™ milk, but not wheat, barley or rye, increases the risk of growth deceleration and nutritional inadequacies. Acta Paediatrica, International Journal of Paediatrics, 2017, 106, 1142-1149.	1.5	29
51	Clinical, Genetic, and Biochemical Characteristics of Early-Onset Diabetes in the Finnish Population. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 3018-3026.	3.6	28
52	Dysregulation of glucose metabolism in preclinical type 1 diabetes. Pediatric Diabetes, 2016, 17, 25-30.	2.9	27
53	Role of humoral beta-cell autoimmunity in type 1 diabetes. Pediatric Diabetes, 2016, 17, 17-24.	2.9	27
54	Family adjustment to diabetes diagnosis in children: Can participation in a study on type 1 diabetes genetic risk be helpful?. Pediatric Diabetes, 2018, 19, 1025-1033.	2.9	27

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55	Islet Autoimmunity and HLA Markers of Presymptomatic and Clinical Type 1 Diabetes: Joint Analyses of Prospective Cohort Studies in Finland, Germany, Sweden, and the U.S.. Diabetes Care, 2021, 44, 2269-2276.	8.6	27
56	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.	3.6	26
57	Multiple consecutive norovirus infections in the first 2Âyears of life. European Journal of Pediatrics, 2015, 174, 1679-1683.	2.7	24
58	Basal insulin switch from NPH to glargine in children and adolescents with type 1 diabetes. Pediatric Diabetes, 2008, 9, 83-90.	2.9	23
59	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.	3.6	23
60	A longitudinal plasma lipidomics dataset from children who developed islet autoimmunity and type 1 diabetes. Scientific Data, 2018, 5, 180250.	5.3	23
61	Continuous glucose monitoring and HbA1c in the evaluation of glucose metabolism in children at high risk for type 1 diabetes mellitus. Diabetes Research and Clinical Practice, 2016, 120, 89-96.	2.8	22
62	Extended Family History of Diabetes and Autoimmune Diseases in Children With and Without Type 1 Diabetes. Diabetes Care, 2011, 34, 115-117.	8.6	21
63	Effector T Cell Resistance to Suppression and STAT3 Signaling during the Development of Human Type 1 Diabetes. Journal of Immunology, 2018, 201, 1144-1153.	0.8	21
64	Maternal dietary fatty acid intake during pregnancy and the risk of preclinical and clinical type 1 diabetes in the offspring. British Journal of Nutrition, 2014, 111, 895-903.	2.3	20
65	Cord-Blood Lipidome in Progression to Islet Autoimmunity and Type 1 Diabetes. Biomolecules, 2019, 9, 33.	4.0	19
66	Early-life exposure to perfluorinated alkyl substances modulates lipid metabolism in progression to celiac disease. Environmental Research, 2020, 188, 109864.	7.5	19
67	Enterovirus Infections Are Associated With the Development of Celiac Disease in a Birth Cohort Study. Frontiers in Immunology, 2020, 11, 604529.	4.8	19
68	Cow's milk allergy and the association between fatty acids and childhood asthma risk. Journal of Allergy and Clinical Immunology, 2014, 134, 488-490.e2.	2.9	18
69	Influenza A virus antibodies show no association with pancreatic islet autoantibodies in children genetically predisposed to type 1 diabetes. Diabetologia, 2015, 58, 2592-2595.	6.3	18
70	Longitudinal Pattern of First-Phase Insulin Response Is Associated With Genetic Variants Outside the Class II HLA Region in Children With Multiple Autoantibodies. Diabetes, 2020, 69, 12-19.	0.6	18
71	Food consumption and risk of childhood asthma. Pediatric Allergy and Immunology, 2015, 26, 789-796.	2.6	17
72	Exocrine pancreas function decreases during the progression of the betaâ€cell damaging process in young prediabetic children. Pediatric Diabetes, 2018, 19, 398-402.	2.9	17

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73	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.	2.9	17
74	<scp>HLAâ€ÐRâ€ÐQ</scp> haplotypes and specificity of the initial autoantibody in islet specific autoimmunity. Pediatric Diabetes, 2020, 21, 1218-1226.	2.9	16
75	Land Cover of Early-Life Environment Modulates the Risk of Type 1 Diabetes. Diabetes Care, 2021, 44, 1506-1514.	8.6	16
76	Progression of type 1 diabetes from latency to symptomatic disease is predicted by distinct autoimmune trajectories. Nature Communications, 2022, 13, 1514.	12.8	16
77	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.	3.1	15
78	A Joint Modeling Approach for Childhood Meat, Fish and Egg Consumption and the Risk of Advanced Islet Autoimmunity. Scientific Reports, 2019, 9, 7760.	3.3	15
79	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.	2.6	13
80	Carotenoid Intake and Serum Concentration in Young Finnish Children and Their Relation with Fruit and Vegetable Consumption. Nutrients, 2018, 10, 1533.	4.1	13
81	Early childhood CMV infection may decelerate the progression to clinical type 1 diabetes. Pediatric Diabetes, 2019, 20, 73-77.	2.9	13
82	Mucosal-associated invariant T cell alterations during the development of human type 1 diabetes. Diabetologia, 2020, 63, 2396-2409.	6.3	13
83	Characterization of Proinsulin T Cell Epitopes Restricted by Type 1 Diabetesâ€“Associated HLA Class II Molecules. Journal of Immunology, 2020, 204, 2349-2359.	0.8	13
84	Decrease in Circulating Concentrations of Soluble Receptors for Advanced Glycation End Products at the Time of Seroconversion to Autoantibody Positivity in Children With Prediabetes. Diabetes Care, 2015, 38, 665-670.	8.6	12
85	Enterovirus-associated changes in blood transcriptomic profiles of children with genetic susceptibility to type 1 diabetes. Diabetologia, 2018, 61, 381-388.	6.3	12
86	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.	3.6	12
87	Metformin versus insulin therapy for gestational diabetes: Effects on offspring anthropometrics and metabolism at the age of 9â€‰years: A followâ€up study of two openâ€label, randomized controlled trials. Diabetes, Obesity and Metabolism, 2022, 24, 402-410.	4.4	12
88	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.	3.6	11
89	Consumption of differently processed milk products in infancy and early childhood and the risk of islet autoimmunity. British Journal of Nutrition, 2020, 124, 173-180.	2.3	8
90	Islet Autoantibody Type-Specific Titer Thresholds Improve Stratification of Risk of Progression to Type 1 Diabetes in Children. Diabetes Care, 2022, 45, 160-168.	8.6	8

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91	CD4⁺T-cell proliferation responses to wheat polypeptide stimulation in children at different stages of type 1 diabetes autoimmunity. Pediatric Diabetes, 2015, 16, 177-188.	2.9	7
92	Human enterovirus and rhinovirus infections are associated with otitis media in a prospective birth cohort study. Journal of Clinical Virology, 2016, 85, 1-6.	3.1	7
93	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.	3.6	7
94	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.	2.0	7
95	Tri-SNP polymorphism in the intron of HLA-DRA1 affects type 1 diabetes susceptibility in the Finnish population. Human Immunology, 2021, 82, 912-916.	2.4	7
96	Infections and systemic inflammation are associated with lower plasma concentration of insulin-like growth factor I among Malawian children. American Journal of Clinical Nutrition, 2021, 113, 380-390.	4.7	7
97	Factors Associated With the Decline of C-Peptide in a Cohort of Young Children Diagnosed With Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e1380-e1388.	3.6	7
98	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.	2.9	6
99	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.	3.6	6
100	Reclassification of asymptomatic beta cell autoimmunity: a critical perspective. Diabetologia, 2017, 60, 39-42.	6.3	5
101	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.	6.3	5
102	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.	4.0	5
103	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.	4.1	5
104	Consumption of differently processed milk products and the risk of asthma in children. Pediatric Allergy and Immunology, 2022, 33, .	2.6	5
105	Childhood Height Growth Rate Association With the Risk of Islet Autoimmunity and Development of Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 1520-1528.	3.6	5
106	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.	2.9	5
107	Enterovirus infection during pregnancy is inversely associated with atopic disease in the offspring. Clinical and Experimental Allergy, 2018, 48, 1698-1704.	2.9	4
108	Extended family history of type 1 diabetes in <scp>HLA</scp> â€predisposed children with and without islet autoantibodies. Pediatric Diabetes, 2020, 21, 1447-1456.	2.9	4

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109	Determining the timing of pubertal onset via a multicohort analysis of growth. PLoS ONE, 2021, 16, e0260137.	2.5	4
110	Umbilical cord blood DNA methylation in children who later develop type 1 diabetes. Diabetologia, 2022, 65, 1534-1540.	6.3	4
111	Beta cell function in participants with single or multiple islet autoantibodies at baseline in the TEDDY Family Prevention Study: TEFA. Endocrinology, Diabetes and Metabolism, 2021, 4, e00198.	2.4	3
112	Modeling Disease Progression Trajectories from Longitudinal Observational Data. AMIA ... Annual Symposium proceedings, 2020, 2020, 668-676.	0.2	3
113	Viral infectionâ€related gene upregulation in monocytes in children with signs of Î²â€cell autoimmunity. Pediatric Diabetes, 2022, 23, 703-713.	2.9	3
114	Frailty modeling under a selective sampling protocol: anÂapplication to type 1 diabetes related autoantibodies. Statistics in Medicine, 2021, 40, 6410-6420.	1.6	2
115	<scp>INnoVative</scp> trial design for testing the Efficacy, Safety, and Tolerability of 6â€month treatment with incretinâ€based therapy to prevent type 1 <scp>DIAbetes</scp> in autoantibody positive participants: a protocol for three parallel doubleâ€blind randomised controlled trials () Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.3	2
116	Type 1 Diabetes in Children With Genetic Risk May Be Predicted Very Early With a Blood miRNA. Diabetes Care, 2022, , .	8.6	1
117	Heterogeneity of beta-cell function in subjects with multiple islet autoantibodies in the TEDDY family prevention study - TEFA. Clinical Diabetes and Endocrinology, 2021, 7, 23.	2.7	1
118	Imputing Longitudinal Growth Data in International Pediatric Studies: Does CDC Reference Suffice?. AMIA ... Annual Symposium proceedings, 2021, 2021, 754-762.	0.2	1
119	ClinFlow â€“ An Interactive Application for Clinical Data Mining. Studies in Health Technology and Informatics, 2021, 281, 268-272.	0.3	0
120	Association of different enteroviruses with atopy and allergic diseases in early childhood. Pediatric Allergy and Immunology, 2021, 32, 1629-1636.	2.6	0
121	Simulating Screening for Risk of Childhood Diabetes: The Collaborative Open Outcomes tooL (COOL).. AMIA ... Annual Symposium proceedings, 2021, 2021, 516-525.	0.2	0