Mikael Knip

List of Publications by Year
in descending order

468 papers	31,685 citations	2975 93 h-index	6996 154 g-index
495 all docs	495 docs citations	495 times ranked	25235 citing authors

#	Article	IF	Citations
1	The Dynamics of the Human Infant Gut Microbiome in Development and in Progression toward Type 1 Diabetes. Cell Host and Microbe, 2015, 17, 260-273.	11.0	1,008
2	Variation in Microbiome LPS Immunogenicity Contributes to Autoimmunity in Humans. Cell, 2016, 165, 842-853.	28.9	968
3	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
4	Natural history of the infant gut microbiome and impact of antibiotic treatment on bacterial strain diversity and stability. Science Translational Medicine, 2016, 8, 343ra81.	12.4	763
5	Toward defining the autoimmune microbiome for type 1 diabetes. ISME Journal, 2011, 5, 82-91.	9.8	709
6	Gut Microbiome Metagenomics Analysis Suggests a Functional Model for the Development of Autoimmunity for Type 1 Diabetes. PLoS ONE, 2011, 6, e25792.	2.5	660
7	Fecal Microbiota Composition Differs Between Children With Î²-Cell Autoimmunity and Those Without. Diabetes, 2013, 62, 1238-1244.	0.6	498
8	Dysregulation of lipid and amino acid metabolism precedes islet autoimmunity in children who later progress to type 1 diabetes. Journal of Experimental Medicine, 2008, 205, 2975-2984.	8.5	399
9	Environmental Triggers and Determinants of Type 1 Diabetes. Diabetes, 2005, 54, S125-S136.	0.6	385
10	Maternal vitamin D intake during pregnancy is inversely associated with asthma and allergic rhinitis in 5â€yearâ€old children. Clinical and Experimental Allergy, 2009, 39, 875-882.	2.9	361
11	Safety of high-dose nicotinamide: a review. Diabetologia, 2000, 43, 1337-1345.	6.3	355
12	A Prospective Study of the Role of Coxsackie B and Other Enterovirus Infections in the Pathogenesis of IDDM. Diabetes, 1995, 44, 652-657.	0.6	350
13	Nasal insulin to prevent type 1 diabetes in children with HLA genotypes and autoantibodies conferring increased risk of disease: a double-blind, randomised controlled trial. Lancet, The, 2008, 372, 1746-1755.	13.7	345
14	The role of the intestinal microbiota in type 1 diabetes mellitus. Nature Reviews Endocrinology, 2016, 12, 154-167.	9.6	335
15	Strain-Level Analysis of Mother-to-Child Bacterial Transmission during the First Few Months of Life. Cell Host and Microbe, 2018, 24, 146-154.e4.	11.0	311
16	Feasibility of genetic and immunological prediction of Type I diabetes in a population-based birth cohort. Diabetologia, 2001, 44, 290-297.	6.3	302
17	Valproate, lamotrigine, and insulinâ€mediated risks in women with epilepsy. Annals of Neurology, 1998, 43, 446-451.	5.3	294
18	Measles virus infection diminishes preexisting antibodies that offer protection from other pathogens. Science, 2019, 366, 599-606.	12.6	294

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19	IL-17 Immunity in Human Type 1 Diabetes. Journal of Immunology, 2010, 185, 1959-1967.	0.8	255
20	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
21	Dietary Intervention in Infancy and Later Signs of Beta-Cell Autoimmunity. New England Journal of Medicine, 2010, 363, 1900-1908.	27.0	252
22	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
23	Obesity, increased linear growth, and risk of type 1 diabetes in children. Diabetes Care, 2000, 23, 1755-1760.	8.6	235
24	Enterovirus infection as a risk factor for beta-cell autoimmunity in a prospectively observed birth cohort: the Finnish Diabetes Prediction and Prevention Study.. Diabetes, 2000, 49, 1314-1318.	0.6	235
25	ConStrains identifies microbial strains in metagenomic datasets. Nature Biotechnology, 2015, 33, 1045-1052.	17.5	235
26	Prediction of insulin-dependent diabetes mellitus in siblings of children with diabetes. A population-based study. The Childhood Diabetes in Finland Study Group.. Journal of Clinical Investigation, 1998, 101, 327-336.	8.2	235
27	Environmental factors in the etiology of type 1 diabetes. American Journal of Medical Genetics Part A, 2002, 115, 18-29.	2.4	233
28	Coxsackievirus B1 Is Associated With Induction of Î²-Cell Autoimmunity That Portends Type 1 Diabetes. Diabetes, 2014, 63, 446-455.	0.6	228
29	Intestinal virome changes precede autoimmunity in type I diabetes-susceptible children. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6166-E6175.	7.1	227
30	Introducing the Endotype Concept to Address the Challenge of Disease Heterogeneity in Type 1 Diabetes. Diabetes Care, 2020, 43, 5-12.	8.6	220
31	Cardiovascular Risk in Young Finns. Annals of Medicine, 1991, 23, 35-39.	3.8	217
32	Green areas around homes reduce atopic sensitization in children. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 195-202.	5.7	208
33	Temporal changes in the frequencies of HLA genotypes in patients with Type 1 diabetesâ€"indication of an increased environmental pressure?. Diabetologia, 2003, 46, 420-425.	6.3	206
34	Growth and Biochemical Markers of Growth in Children With Snoring and Obstructive Sleep Apnea. Pediatrics, 2002, 109, e55-e55.	2.1	203
35	Autoimmune mechanisms in type 1 diabetes. Autoimmunity Reviews, 2008, 7, 550-557.	5.8	201
36	Incidence of Type 1 Diabetes in Finland. JAMA - Journal of the American Medical Association, 2013, 310, 427.	7.4	199

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37	Genetic, autoimmune, and clinical characteristics of childhood- and adult-onset type 1 diabetes.. Diabetes Care, 2000, 23, 1326-1332.	8.6	196
38	Early seroconversion and rapidly increasing autoantibody concentrations predict prepubertal manifestation of type 1 diabetes in children at genetic risk. Diabetologia, 2012, 55, 1926-1936.	6.3	195
39	Validity and Reproducibility of a Food Frequency Questionnaire for Pregnant Finnish Women. American Journal of Epidemiology, 2001, 154, 466-476.	3.4	194
40	MicroRNAs in rheumatoid arthritis: Altered expression and diagnostic potential. Autoimmunity Reviews, 2015, 14, 1029-1037.	5.8	194
41	Epidemiology of childhood diabetes mellitus in Finland ? background of a nationwide study of Type 1 (insulin-dependent) diabetes mellitus. Diabetologia, 1992, 35, 70-76.	6.3	187
42	Nutritional risk predictors of Î²2 cell autoimmunity and type 1 diabetes at a young age. American Journal of Clinical Nutrition, 2003, 78, 1053-1067.	4.7	174
43	The First Signs of Î²-Cell Autoimmunity Appear in Infancy in Genetically Susceptible Children from the General Population: The Finnish Type 1 Diabetes Prediction and Prevention Study. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 4782-4788.	3.6	171
44	Clinical, autoimmune, and genetic characteristics of very young children with type 1 diabetes. Childhood Diabetes in Finland (DiMe) Study Group.. Diabetes Care, 1999, 22, 1950-1955.	8.6	166
45	Putative environmental factors in Type 1 diabetes. , 1998, 14, 31-68.		164
46	Genomic variation and strain-specific functional adaptation in the human gut microbiome during early life. Nature Microbiology, 2019, 4, 470-479.	13.3	164
47	Patterns of Î²-Cell Autoantibody Appearance and Genetic Associations During the First Years of Life. Diabetes, 2013, 62, 3636-3640.	0.6	159
48	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
49	Infant feeding, early weight gain, and risk of type 1 diabetes. Childhood Diabetes in Finland (DiMe) Study Group.. Diabetes Care, 1999, 22, 1961-1965.	8.6	156
50	Enterovirus RNA in Blood Is Linked to the Development of Type 1 Diabetes. Diabetes, 2011, 60, 276-279.	0.6	155
51	IA-2 antibodies - a sensitive marker of IDDM with clinical onset in childhood and adolescence. Diabetologia, 1998, 41, 424-429.	6.3	154
52	Autoantibodies associated with Type I diabetes mellitus persist after diagnosis in children. Diabetologia, 1998, 41, 1293-1297.	6.3	154
53	Environmental Triggers of Type 1 Diabetes. Cold Spring Harbor Perspectives in Medicine, 2012, 2, a007690-a007690.	6.2	150
54	Population-based genetic screening for the estimation of Type 1 diabetes mellitus risk in Finland: selective genotyping of markers in the HLA-DQB1, HLA-DQA1 and HLA-DRB1 loci. Diabetic Medicine, 1999, 16, 985-992.	2.3	145

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55	Age at introduction of new foods and advanced beta cell autoimmunity in young children with HLA-conferred susceptibility to type 1 diabetes. Diabetologia, 2006, 49, 1512-1521.	6.3	144
56	Valproate-induced hyperandrogenism during pubertal maturation in girls with epilepsy. Annals of Neurology, 1999, 45, 444-450.	5.3	143
57	A sixâ€fold gradient in the incidence of type 1 diabetes at the eastern border of Finland. Annals of Medicine, 2005, 37, 67-72.	3.8	142
58	Hydrolyzed Infant Formula and Early Î²-Cell Autoimmunity. JAMA - Journal of the American Medical Association, 2014, 311, 2279.	7.4	141
59	Cow's milk formula feeding induces primary immunization to insulin in infants at genetic risk for type 1 diabetes.. Diabetes, 1999, 48, 1389-1394.	0.6	140
60	Advanced Glycation End Products Are Direct Modulators of Î²-Cell Function. Diabetes, 2011, 60, 2523-2532.	0.6	135
61	Natural History of Î²-Cell Autoimmunity in Young Children with Increased Genetic Susceptibility to Type 1 Diabetes Recruited from the General Population. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 4572-4579.	3.6	134
62	Enterovirus RNA in serum is a risk factor for beta-cell autoimmunity and clinical type 1 diabetes: A prospective study. Journal of Medical Virology, 2000, 61, 214-220.	5.0	133
63	Reduced Prevalence of Diabetic Ketoacidosis at Diagnosis of Type 1 Diabetes in Young Children Participating in Longitudinal Follow-Up. Diabetes Care, 2011, 34, 2347-2352.	8.6	133
64	Gestational Diabetes Identifies Women at Risk for Permanent Type 1 and Type 2 Diabetes in Fertile Age: Predictive role of autoantibodies. Diabetes Care, 2006, 29, 607-612.	8.6	132
65	Infant feeding and the risk of type 1 diabetes. American Journal of Clinical Nutrition, 2010, 91, 1506S-1513S.	4.7	132
66	HLA DRâ€DQâ€encoded genetic determinants of childhoodâ€onset type 1 diabetes in Finland: An analysis of 622 nuclear families. Tissue Antigens, 2003, 62, 162-169.	1.0	128
67	Enterovirus infections are associated with the induction of Î²-cell autoimmunity in a prospective birth cohort study. Journal of Medical Virology, 2003, 69, 91-98.	5.0	126
68	Virus Antibody Survey in Different European Populations Indicates Risk Association Between Coxsackievirus B1 and Type 1 Diabetes. Diabetes, 2014, 63, 655-662.	0.6	126
69	Lower economic status and inferior hygienic environment may protect against celiac disease. Annals of Medicine, 2008, 40, 223-231.	3.8	125
70	Dietary manipulation of beta cell autoimmunity in infants at increased risk of type 1 diabetes: a pilot study. Diabetologia, 2005, 48, 829-837.	6.3	123
71	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
72	Ketoacidosis at the diagnosis of type 1 (insulin dependent) diabetes mellitus is related to poor residual beta cell function. Childhood Diabetes in Finland Study Group.. Archives of Disease in Childhood, 1996, 75, 410-415.	1.9	118

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73	Rapid HLA-DQB1 Genotyping for Four Alleles in the Assessment of Risk for IDDM in the Finnish Population. Diabetes Care, 1996, 19, 795-800.	8.6	116
74	Timing of infant feeding in relation to childhood asthma and allergic diseases. Journal of Allergy and Clinical Immunology, 2013, 131, 78-86.	2.9	116
75	Short-term exclusive breastfeeding predisposes young children with increased genetic risk of Type I diabetes to progressive beta-cell autoimmunity. Diabetologia, 2001, 44, 63-69.	6.3	112
76	Microbiome and type 1 diabetes. EBioMedicine, 2019, 46, 512-521.	6.1	111
77	Alterations in Bone Turnover and Impaired Development of Bone Mineral Density in Newly Diagnosed Children with Cancer: A 1-Year Prospective Study. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 3174-3181.	3.6	110
78	Diabetes-Associated Autoantibodies in Relation to Clinical Characteristics and Natural Course in Children with Newly Diagnosed Type 1 Diabetes[1]. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 1534-1539.	3.6	109
79	A novel common variant in DCST2 is associated with length in early life and height in adulthood. Human Molecular Genetics, 2015, 24, 1155-1168.	2.9	109
80	Prediction of Type 1 Diabetes in the General Population. Diabetes Care, 2010, 33, 1206-1212.	8.6	108
81	Removal of Bovine Insulin From Cow's Milk Formula and Early Initiation of Beta-Cell Autoimmunity in the FINDIA Pilot Study. JAMA Pediatrics, 2012, 166, 608.	3.0	108
82	Cow's milk consumption, HLA-DQB1 genotype, and type 1 diabetes: a nested case-control study of siblings of children with diabetes. Childhood diabetes in Finland study group.. Diabetes, 2000, 49, 912-917.	0.6	107
83	Serum Insulin and Other Cardiovascular Risk Indicators in Children, Adolescents and Young Adults. Annals of Medicine, 1991, 23, 67-72.	3.8	106
84	Several different enterovirus serotypes can be associated with prediabetic autoimmune episodes and onset of overt IDDM. , 1998, 56, 74-78.		106
85	Maternal diet during pregnancy and allergic sensitization in the offspring by 5 yrs of age: a prospective cohort study. Pediatric Allergy and Immunology, 2010, 21, 29-37.	2.6	105
86	Effect of Hydrolyzed Infant Formula vs Conventional Formula on Risk of Type 1 Diabetes. JAMA - Journal of the American Medical Association, 2018, 319, 38.	7.4	105
87	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
88	A Type 1 Diabetes Genetic Risk Score Predicts Progression of Islet Autoimmunity and Development of Type 1 Diabetes in Individuals at Risk. Diabetes Care, 2018, 41, 1887-1894.	8.6	104
89	Allergic sensitization and microbial load—a comparison between Finland and Russian Karelia. Clinical and Experimental Immunology, 2007, 148, 47-52.	2.6	103
90	Maternal intake of vitamin D during pregnancy and risk of advanced beta cell autoimmunity and type 1 diabetes in offspring. Diabetologia, 2010, 53, 1599-1607.	6.3	103

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91	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.	2.9	103
92	Maternal Antibodies in Breast Milk Protect the Child From Enterovirus Infections. Pediatrics, 2007, 119, 941-946.	2.1	102
93	Effects of Gluten Intake on Risk of Celiac Disease: A Case-Control Study on a Swedish Birth Cohort. Clinical Gastroenterology and Hepatology, 2016, 14, 403-409.e3.	4.4	102
94	Ketoacidosis at Diagnosis of Type 1 Diabetes in Children in Northern Finland: Temporal changes over 20 years. Diabetes Care, 2007, 30, 861-866.	8.6	99
95	Cystatin C as a marker for glomerular filtration rate in pediatric patients. Pediatric Nephrology, 1999, 13, 506-509.	1.7	97
96	The â€˜Hygiene hypothesisâ€™ and the sharp gradient in the incidence of autoimmune and allergic diseases between Russian Karelia and Finland. Apmis, 2013, 121, 478-493.	2.0	97
97	Association of Human Bocavirus 1 Infection with Respiratory Disease in Childhood Follow-up Study, Finland. Emerging Infectious Diseases, 2012, 18, 264-271.	4.3	96
98	Lymphoid tyrosine phosphatase (LYP/PTPN22) Arg620Trp variant regulates insulin autoimmunity and progression to type 1 diabetes. Diabetologia, 2006, 49, 1198-1208.	6.3	95
99	Fate of Five Celiac Disease-Associated Antibodies During Normal Diet in Genetically At-Risk Children Observed from Birth in a Natural History Study. American Journal of Gastroenterology, 2007, 102, 2026-2035.	0.4	95
100	Helsinki alert of biodiversity and health. Annals of Medicine, 2015, 47, 218-225.	3.8	95
101	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
102	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
103	Dynamics of Diabetes-Associated Autoantibodies in Young Children with Human Leukocyte Antigen-Conferred Risk of Type 1 Diabetes Recruited from the General Population. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 2712-2717.	3.6	91
104	Food consumption and advanced Î² cell autoimmunity in young children with HLA-conferred susceptibility to type 1 diabetes: a nested case-control design. American Journal of Clinical Nutrition, 2012, 95, 471-478.	4.7	91
105	ISPAD Clinical Practice Consensus Guidelines 2018: Other complications and associated conditions in children and adolescents with type 1 diabetes. Pediatric Diabetes, 2018, 19, 275-286.	2.9	91
106	New-onset type 1 diabetes in Finnish children during the COVID-19 pandemic. Archives of Disease in Childhood, 2022, 107, 180-185.	1.9	91
107	ISPAD Clinical Practice Consensus Guidelines 2018: Stages of type 1 diabetes in children and adolescents. Pediatric Diabetes, 2018, 19, 20-27.	2.9	89
108	Modulation of Type 1 Diabetes Risk by the Intestinal Microbiome. Current Diabetes Reports, 2017, 17, 105.	4.2	84

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109	A combined risk score enhances prediction of type 1 diabetes among susceptible children. Nature Medicine, 2020, 26, 1247-1255.	30.7	83
110	Cord Serum Lipidome in Prediction of Islet Autoimmunity and Type 1 Diabetes. Diabetes, 2013, 62, 3268-3274.	0.6	81
111	Enterovirus antibody levels during the first two years of life in prediabetic autoantibody-positive children. Diabetologia, 2001, 44, 818-823.	6.3	79
112	Predicting Islet Cell Autoimmunity and Type 1 Diabetes: An 8-Year TEDDY Study Progress Report. Diabetes Care, 2019, 42, 1051-1060.	8.6	75
113	Metabolic Regulation in Progression to Autoimmune Diabetes. PLoS Computational Biology, 2011, 7, e1002257.	3.2	74
114	First-phase insulin response in young healthy children at genetic and immunological risk for Type I diabetes. Diabetologia, 2002, 45, 1639-1648.	6.3	73
115	Enhanced levels of cow's milk antibodies in infancy in children who develop type 1 diabetes later in childhood. Pediatric Diabetes, 2008, 9, 434-441.	2.9	73
116	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
117	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
118	Plasma 25-Hydroxyvitamin D Concentration and Risk of Islet Autoimmunity. Diabetes, 2018, 67, 146-154.	0.6	72
119	Relationship between the incidence of type 1 diabetes and enterovirus infections in different European populations: Results from the EPIVIR project. Journal of Medical Virology, 2004, 72, 610-617.	5.0	70
120	Natural history of transglutaminase autoantibodies and mucosal changes in children carrying HLA-conferred celiac disease susceptibility. Scandinavian Journal of Gastroenterology, 2005, 40, 1182-1191.	1.5	70
121	Analysis of pancreas tissue in a child positive for islet cell antibodies. Diabetologia, 2008, 51, 1796-1802.	6.3	69
122	Environmental factors in the pathogenesis of type 1 diabetes mellitus. Experimental and Clinical Endocrinology and Diabetes, 1999, 107, S93-S100.	1.2	67
123	PCR inhibition in stool samples in relation to age of infants. Journal of Clinical Virology, 2009, 44, 211-214.	3.1	67
124	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
125	HLA-DQB1-defined genetic susceptibility, beta cell autoimmunity, and metabolic characteristics in familial and nonfamilial insulin-dependent diabetes mellitus. Childhood Diabetes in Finland (DiMe) Study Group.. Journal of Clinical Investigation, 1996, 98, 2489-2495.	8.2	67
126	Long-term effects of weight reduction on serum lipids and plasma insulin in obese children. American Journal of Clinical Nutrition, 1993, 57, 490-493.	4.7	66

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127	Extended Family History of Type 1 Diabetes and Phenotype and Genotype of Newly Diagnosed Children. Diabetes Care, 2013, 36, 348-354.	8.6	66
128	Non-class II HLA gene associated with type 1 diabetes maps to the 240-kb region near HLA-B. Diabetes, 2000, 49, 2217-2221.	0.6	65
129	Î²-Cell Autoantibodies, Human Leukocyte Antigen II Alleles, and Type 1 Diabetes in Autoimmune Polyendocrinopathy-Candidiasis-Ectodermal Dystrophy*. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 4434-4440.	3.6	65
130	Reduced CD4+T cell activation in children with type 1 diabetes carrying the PTPN22/Lyp 620Trp variant. Journal of Autoimmunity, 2008, 31, 13-21.	6.5	65
131	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
132	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
133	Rotavirus infections and development of diabetes-associated autoantibodies during the first 2 years of life. Clinical and Experimental Immunology, 2002, 128, 511-515.	2.6	63
134	Shortâ€term direct contact with soil and plant materials leads to an immediate increase in diversity of skin microbiota. MicrobiologyOpen, 2019, 8, e00645.	3.0	63
135	Genetic Risk Determines the Emergence of Diabetes-Associated Autoantibodies in Young Children. Diabetes, 2002, 51, 646-651.	0.6	62
136	The Trial to Reduce IDDM in the Genetically at Risk (TRIGR) study: recruitment, intervention and follow-up. Diabetologia, 2011, 54, 627-633.	6.3	62
137	Islet Autoantibody Standardization Program 2018 Workshop: Interlaboratory Comparison of Glutamic Acid Decarboxylase Autoantibody Assay Performance. Clinical Chemistry, 2019, 65, 1141-1152.	3.2	62
138	Epitope spreading and a varying but not disease-specific GAD65 antibody response in Type I diabetes. Diabetologia, 2000, 43, 210-217.	6.3	61
139	Early introduction of oats associated with decreased risk of persistent asthma and early introduction of fish with decreased risk of allergic rhinitis. British Journal of Nutrition, 2010, 103, 266-273.	2.3	61
140	Cowâ€™s milk consumption, disease-associated autoantibodies and Type 1 diabetes mellitus: a follow-up study in siblings of diabetic children. Diabetic Medicine, 1998, 15, 730-738.	2.3	60
141	Screening for Type 1 Diabetes in the General Population: A Status Report and Perspective. Diabetes, 2022, 71, 610-623.	0.6	59
142	Diet composition of pregnant Finnish women: changes over time and across seasons. Public Health Nutrition, 2010, 13, 939-946.	2.2	58
143	Gut Virome Sequencing in Children With Early Islet Autoimmunity. Diabetes Care, 2015, 38, 930-933.	8.6	58
144	A High-Throughput Population Screening System for the Estimation of Genetic Risk for Type 1 Diabetes: An Application for the TEDDY (The Environmental Determinants of Diabetes in the Young) Study. Diabetes Technology and Therapeutics, 2007, 9, 460-472.	4.4	57

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145	Circulating CXCR5â̂ʼPD-1hi peripheral T helper cells are associated with progression to type 1 diabetes. Diabetologia, 2019, 62, 1681-1688.	6.3	57
146	Increased circulating concentrations of mesencephalic astrocyte-derived neurotrophic factor in children with type 1 diabetes. Scientific Reports, 2016, 6, 29058.	3.3	56
147	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
148	Natural Course of Preclinical Type 1 Diabetes. Hormone Research in Paediatrics, 2002, 57, 6-11.	1.8	55
149	Does the secular increase in body mass in children contribute to the increasing incidence of type 1 diabetes?. Pediatric Diabetes, 2008, 9, 46-49.	2.9	53
150	Viral interference induced by live attenuated virus vaccine (OPV) can prevent otitis media. Vaccine, 2011, 29, 8615-8618.	3.8	53
151	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
152	Fatty acid status in infancy is associated with the risk of type 1 diabetes-associated autoimmunity. Diabetologia, 2017, 60, 1223-1233.	6.3	53
153	Glutamic acid decarboxylase antibodies in relation to other autoantibodies and genetic risk markers in children with newly diagnosed insulin-dependent diabetes. Childhood Diabetes in Finland Study Group.. Journal of Clinical Endocrinology and Metabolism, 1996, 81, 2455-2459.	3.6	52
154	Estimation of genetic risk for type 1 diabetes. American Journal of Medical Genetics Part A, 2002, 115, 30-36.	2.4	51
155	Early feeding and risk of type 1 diabetes: experiences from the Trial to Reduce Insulin-dependent diabetes mellitus in the Genetically at Risk (TRIGR). American Journal of Clinical Nutrition, 2011, 94, S1814-S1820.	4.7	51
156	Seven distinct dietary patterns identified among pregnant Finnish women â€" associations with nutrient intake and sociodemographic factors. Public Health Nutrition, 2008, 11, 176-182.	2.2	50
157	Breastfeeding patterns of mothers with type 1 diabetes: results from an infant feeding trial. Diabetes/Metabolism Research and Reviews, 2010, 26, 206-211.	4.0	50
158	Autoantibodies against zinc transporter 8 are related to age, metabolic state and HLA DR genotype in children with newly diagnosed type 1 diabetes. Diabetes/Metabolism Research and Reviews, 2013, 29, 646-654.	4.0	50
159	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
160	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
161	HbA1c Predicts Time to Diagnosis of Type 1 Diabetes in Children at Risk. Diabetes, 2015, 64, 1719-1727.	0.6	49
162	Prediction of type 1 diabetes among siblings of affected children and in the general population. Diabetologia, 2007, 50, 2272-2275.	6.3	48

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163	Validation of the Finnish ISAAC questionnaire on asthma against anti-asthmatic medication reimbursement database in 5-year-old children. Clinical Respiratory Journal, 2011, 5, 211-218.	1.6	48
164	Phases of type 1 diabetes in children and adolescents. Pediatric Diabetes, 2014, 15, 18-25.	2.9	48
165	Early Infant Diet and Islet Autoimmunity in the TEDDY Study. Diabetes Care, 2018, 41, 522-530.	8.6	48
166	Pathogenesis of Type 1 Diabetes: Implications for Incidence Trends. Hormone Research in Paediatrics, 2011, 76, 57-64.	1.8	47
167	On the Association Between Valproate and Polycystic Ovary Syndrome: A Response and an Alternativeâ€ƒView. Epilepsia, 2002, 42, 305-310.	5.1	46
168	Serum Proteomes Distinguish Children Developing Type 1 Diabetes in a Cohort With HLA-Conferred Susceptibility. Diabetes, 2015, 64, 2265-2278.	0.6	46
169	Developing a vaccine for type 1 diabetes by targeting coxsackievirus B. Expert Review of Vaccines, 2018, 17, 1071-1083.	4.4	46
170	Maturation of Gut Microbiota and Circulating Regulatory T Cells and Development of IgE Sensitization in Early Life. Frontiers in Immunology, 2019, 10, 2494.	4.8	46
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