# Mikael Knip

List of Publications by Year
in descending order

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|---|---|---|---|
| 468 papers | 31,685 citations | 2970 93 h-index | 6990 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. | 5.1 | 1,008 |
| 2 | Variation in Microbiome LPS Immunogenicity Contributes to Autoimmunity in Humans. Cell, 2016, 165, 842-853. | 13.5 | 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. | 3.8 | 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. | 5.8 | 763 |
| 5 | Toward defining the autoimmune microbiome for type 1 diabetes. ISME Journal, 2011, 5, 82-91. | 4.4 | 709 |
| 6 | Gut Microbiome Metagenomics Analysis Suggests a Functional Model for the Development of Autoimmunity for Type 1 Diabetes. PLoS ONE, 2011, 6, e25792. | 1.1 | 660 |
| 7 | Fecal Microbiota Composition Differs Between Children With Î²-Cell Autoimmunity and Those Without. Diabetes, 2013, 62, 1238-1244. | 0.3 | 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. | 4.2 | 399 |
| 9 | Environmental Triggers and Determinants of Type 1 Diabetes. Diabetes, 2005, 54, S125-S136. | 0.3 | 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. | 1.4 | 361 |
| 11 | Safety of high-dose nicotinamide: a review. Diabetologia, 2000, 43, 1337-1345. | 2.9 | 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. | 0.3 | 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. | 6.3 | 345 |
| 14 | The role of the intestinal microbiota in type 1 diabetes mellitus. Nature Reviews Endocrinology, 2016, 12, 154-167. | 4.3 | 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. | 5.1 | 311 |
| 16 | Feasibility of genetic and immunological prediction of Type I diabetes in a population-based birth cohort. Diabetologia, 2001, 44, 290-297. | 2.9 | 302 |
| 17 | Valproate, lamotrigine, and insulin-mediated risks in women with epilepsy. Annals of Neurology, 1998, 43, 446-451. | 2.8 | 294 |
| 18 | Measles virus infection diminishes preexisting antibodies that offer protection from other pathogens. Science, 2019, 366, 599-606. | 6.0 | 294 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | IL-17 Immunity in Human Type 1 Diabetes. Journal of Immunology, 2010, 185, 1959-1967. | 0.4 | 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. | 0.9 | 253 |
| 21 | Dietary Intervention in Infancy and Later Signs of Beta-Cell Autoimmunity. New England Journal of Medicine, 2010, 363, 1900-1908. | 13.9 | 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. | 1.5 | 241 |
| 23 | Obesity, increased linear growth, and risk of type 1 diabetes in children. Diabetes Care, 2000, 23, 1755-1760. | 4.3 | 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. | 0.3 | 235 |
| 25 | ConStrains identifies microbial strains in metagenomic datasets. Nature Biotechnology, 2015, 33, 1045-1052. | 9.4 | 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. | 3.9 | 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. | 0.3 | 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. | 3.3 | 227 |
| 30 | Introducing the Endotype Concept to Address the Challenge of Disease Heterogeneity in Type 1 Diabetes. Diabetes Care, 2020, 43, 5-12. | 4.3 | 220 |
| 31 | Cardiovascular Risk in Young Finns. Annals of Medicine, 1991, 23, 35-39. | 1.5 | 217 |
| 32 | Green areas around homes reduce atopic sensitization in children. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 195-202. | 2.7 | 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. | 2.9 | 206 |
| 34 | Growth and Biochemical Markers of Growth in Children With Snoring and Obstructive Sleep Apnea. Pediatrics, 2002, 109, e55-e55. | 1.0 | 203 |
| 35 | Autoimmune mechanisms in type 1 diabetes. Autoimmunity Reviews, 2008, 7, 550-557. | 2.5 | 201 |
| 36 | Incidence of Type 1 Diabetes in Finland. JAMA - Journal of the American Medical Association, 2013, 310, 427. | 3.8 | 199 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Genetic, autoimmune, and clinical characteristics of childhood- and adult-onset type 1 diabetes. Diabetes Care, 2000, 23, 1326-1332. | 4.3 | 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. | 2.9 | 195 |
| 39 | Validity and Reproducibility of a Food Frequency Questionnaire for Pregnant Finnish Women. American Journal of Epidemiology, 2001, 154, 466-476. | 1.6 | 194 |
| 40 | MicroRNAs in rheumatoid arthritis: Altered expression and diagnostic potential. Autoimmunity Reviews, 2015, 14, 1029-1037. | 2.5 | 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. | 2.9 | 187 |
| 42 | Nutritional risk predictors of Î² cell autoimmunity and type 1 diabetes at a young age. American Journal of Clinical Nutrition, 2003, 78, 1053-1067. | 2.2 | 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. | 1.8 | 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. | 4.3 | 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. | 5.9 | 164 |
| 47 | Patterns of Î²-Cell Autoantibody Appearance and Genetic Associations During the First Years of Life. Diabetes, 2013, 62, 3636-3640. | 0.3 | 159 |
| 48 | Innate Immune Activity Is Detected Prior to Seroconversion in Children With HLA-Conferred Type 1 Diabetes Susceptibility. Diabetes, 2014, 63, 2402-2414. | 0.3 | 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. | 4.3 | 156 |
| 50 | Enterovirus RNA in Blood Is Linked to the Development of Type 1 Diabetes. Diabetes, 2011, 60, 276-279. | 0.3 | 155 |
| 51 | IA-2 antibodies - a sensitive marker of IDDM with clinical onset in childhood and adolescence. Diabetologia, 1998, 41, 424-429. | 2.9 | 154 |
| 52 | Autoantibodies associated with Type I diabetes mellitus persist after diagnosis in children. Diabetologia, 1998, 41, 1293-1297. | 2.9 | 154 |
| 53 | Environmental Triggers of Type 1 Diabetes. Cold Spring Harbor Perspectives in Medicine, 2012, 2, a007690-a007690. | 2.9 | 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. | 1.2 | 145 |

| # | Article | IF | Citations |
|---|---|---|---|
| 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. | 2.9 | 144 |
| 56 | Valproate-induced hyperandrogenism during pubertal maturation in girls with epilepsy. Annals of Neurology, 1999, 45, 444-450. | 2.8 | 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. | 1.5 | 142 |
| 58 | Hydrolyzed Infant Formula and Early Î²-Cell Autoimmunity. JAMA - Journal of the American Medical Association, 2014, 311, 2279. | 3.8 | 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. | 0.3 | 140 |
| 60 | Advanced Glycation End Products Are Direct Modulators of Î²-Cell Function. Diabetes, 2011, 60, 2523-2532. | 0.3 | 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. | 1.8 | 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. | 2.5 | 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. | 4.3 | 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. | 4.3 | 132 |
| 65 | Infant feeding and the risk of type 1 diabetes. American Journal of Clinical Nutrition, 2010, 91, 1506S-1513S. | 2.2 | 132 |
| 66 | HLA DR-DQ-encoded genetic determinants of childhood-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. | 2.5 | 126 |
| 68 | Virus Antibody Survey in Different European Populations Indicates Risk Association Between Coxsackievirus B1 and Type 1 Diabetes. Diabetes, 2014, 63, 655-662. | 0.3 | 126 |
| 69 | Lower economic status and inferior hygienic environment may protect against celiac disease. Annals of Medicine, 2008, 40, 223-231. | 1.5 | 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. | 2.9 | 123 |
| 71 | Predictive Characteristics of Diabetes-Associated Autoantibodies Among Children With HLA-Conferred Disease Susceptibility in the General Population. Diabetes, 2009, 58, 2835-2842. | 0.3 | 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. | 1.0 | 118 |

| # | Article | IF | Citations |
|---|---|---|---|
| 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. | 4.3 | 116 |
| 74 | Timing of infant feeding in relation to childhood asthma and allergic diseases. Journal of Allergy and Clinical Immunology, 2013, 131, 78-86. | 1.5 | 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. | 2.9 | 112 |
| 76 | Microbiome and type 1 diabetes. EBioMedicine, 2019, 46, 512-521. | 2.7 | 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. | 1.8 | 110 |
| 78 | Diabetes-Associated Autoantibodies in Relation to Clinical Characteristics and Natural Course in Children with Newly Diagnosed Type 1 Diabetes<sup>1</sup>. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 1534-1539. | 1.8 | 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. | 1.4 | 109 |
| 80 | Prediction of Type 1 Diabetes in the General Population. Diabetes Care, 2010, 33, 1206-1212. | 4.3 | 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. | 3.6 | 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. | 0.3 | 107 |
| 83 | Serum Insulin and Other Cardiovascular Risk Indicators in Children, Adolescents and Young Adults. Annals of Medicine, 1991, 23, 67-72. | 1.5 | 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 5â€ƒyrs of age: â€¨a prospective cohort study. Pediatric Allergy and Immunology, 2010, 21, 29-37. | 1.1 | 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. | 3.8 | 105 |
| 87 | Food diversity in infancy and the risk of childhood asthma and allergies. Journal of Allergy and Clinical Immunology, 2014, 133, 1084-1091. | 1.5 | 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. | 4.3 | 104 |
| 89 | Allergic sensitization and microbial loadâ€ƒâ€“â€ƒa comparison between Finland and Russian Karelia. Clinical and Experimental Immunology, 2007, 148, 47-52. | 1.1 | 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. | 2.9 | 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. | 1.2 | 103 |
| 92 | Maternal Antibodies in Breast Milk Protect the Child From Enterovirus Infections. Pediatrics, 2007, 119, 941-946. | 1.0 | 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. | 2.4 | 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. | 4.3 | 99 |
| 95 | Cystatin C as a marker for glomerular filtration rate in pediatric patients. Pediatric Nephrology, 1999, 13, 506-509. | 0.9 | 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. | 0.9 | 97 |
| 97 | Association of Human Bocavirus 1 Infection with Respiratory Disease in Childhood Follow-up Study, Finland. Emerging Infectious Diseases, 2012, 18, 264-271. | 2.0 | 96 |
| 98 | Lymphoid tyrosine phosphatase (LYP/PTPN22) Arg620Trp variant regulates insulin autoimmunity and progression to type 1 diabetes. Diabetologia, 2006, 49, 1198-1208. | 2.9 | 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. | 0.2 | 95 |
| 100 | Helsinki alert of biodiversity and health. Annals of Medicine, 2015, 47, 218-225. | 1.5 | 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. | 2.9 | 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. | 0.3 | 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. | 1.8 | 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. | 2.2 | 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. | 1.2 | 91 |
| 106 | New-onset type 1 diabetes in Finnish children during the COVID-19 pandemic. Archives of Disease in Childhood, 2022, 107, 180-185. | 1.0 | 91 |
| 107 | ISPAD Clinical Practice Consensus Guidelines 2018: Stages of type 1 diabetes in children and adolescents. Pediatric Diabetes, 2018, 19, 20-27. | 1.2 | 89 |
| 108 | Modulation of Type 1 Diabetes Risk by the Intestinal Microbiome. Current Diabetes Reports, 2017, 17, 105. | 1.7 | 84 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | A combined risk score enhances prediction of type 1 diabetes among susceptible children. Nature Medicine, 2020, 26, 1247-1255. | 15.2 | 83 |
| 110 | Cord Serum Lipidome in Prediction of Islet Autoimmunity and Type 1 Diabetes. Diabetes, 2013, 62, 3268-3274. | 0.3 | 81 |
| 111 | Enterovirus antibody levels during the first two years of life in prediabetic autoantibody-positive children. Diabetologia, 2001, 44, 818-823. | 2.9 | 79 |
| 112 | Predicting Islet Cell Autoimmunity and Type 1 Diabetes: An 8-Year TEDDY Study Progress Report. Diabetes Care, 2019, 42, 1051-1060. | 4.3 | 75 |
| 113 | Metabolic Regulation in Progression to Autoimmune Diabetes. PLoS Computational Biology, 2011, 7, e1002257. | 1.5 | 74 |
| 114 | First-phase insulin response in young healthy children at genetic and immunological risk for Type I diabetes. Diabetologia, 2002, 45, 1639-1648. | 2.9 | 73 |
| 115 | Enhanced levels of cowâ€™s milk antibodies in infancy in children who develop type 1 diabetes later in childhood. Pediatric Diabetes, 2008, 9, 434-441. | 1.2 | 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. | 0.4 | 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. | 2.9 | 73 |
| 118 | Plasma 25-Hydroxyvitamin D Concentration and Risk of Islet Autoimmunity. Diabetes, 2018, 67, 146-154. | 0.3 | 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. | 2.5 | 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. | 0.6 | 70 |
| 121 | Analysis of pancreas tissue in a child positive for islet cell antibodies. Diabetologia, 2008, 51, 1796-1802. | 2.9 | 69 |
| 122 | Environmental factors in the pathogenesis of type 1 diabetes mellitus. Experimental and Clinical Endocrinology and Diabetes, 1999, 107, S93-S100. | 0.6 | 67 |
| 123 | PCR inhibition in stool samples in relation to age of infants. Journal of Clinical Virology, 2009, 44, 211-214. | 1.6 | 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. | 4.3 | 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. | 3.9 | 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. | 2.2 | 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. | 4.3 | 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. | 0.3 | 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. | 1.8 | 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. | 3.0 | 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. | 1.8 | 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. | 1.1 | 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. | 1.2 | 63 |
| 135 | Genetic Risk Determines the Emergence of Diabetes-Associated Autoantibodies in Young Children. Diabetes, 2002, 51, 646-651. | 0.3 | 62 |
| 136 | The Trial to Reduce IDDM in the Genetically at Risk (TRIGR) study: recruitment, intervention and follow-up. Diabetologia, 2011, 54, 627-633. | 2.9 | 62 |
| 137 | Islet Autoantibody Standardization Program 2018 Workshop: Interlaboratory Comparison of Glutamic Acid Decarboxylase Autoantibody Assay Performance. Clinical Chemistry, 2019, 65, 1141-1152. | 1.5 | 62 |
| 138 | Epitope spreading and a varying but not disease-specific GAD65 antibody response in Type I diabetes. Diabetologia, 2000, 43, 210-217. | 2.9 | 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. | 1.2 | 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. | 1.2 | 60 |
| 141 | Screening for Type 1 Diabetes in the General Population: A Status Report and Perspective. Diabetes, 2022, 71, 610-623. | 0.3 | 59 |
| 142 | Diet composition of pregnant Finnish women: changes over time and across seasons. Public Health Nutrition, 2010, 13, 939-946. | 1.1 | 58 |
| 143 | Gut Virome Sequencing in Children With Early Islet Autoimmunity. Diabetes Care, 2015, 38, 930-933. | 4.3 | 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. | 2.4 | 57 |

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|---|---|---|---|
| 145 | Circulating CXCR5â"PD-1hi peripheral T helper cells are associated with progression to type 1 diabetes. Diabetologia, 2019, 62, 1681-1688. | 2.9 | 57 |
| 146 | Increased circulating concentrations of mesencephalic astrocyte-derived neurotrophic factor in children with type 1 diabetes. Scientific Reports, 2016, 6, 29058. | 1.6 | 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. | 1.6 | 56 |
| 148 | Natural Course of Preclinical Type 1 Diabetes. Hormone Research in Paediatrics, 2002, 57, 6-11. | 0.8 | 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. | 1.2 | 53 |
| 150 | Viral interference induced by live attenuated virus vaccine (OPV) can prevent otitis media. Vaccine, 2011, 29, 8615-8618. | 1.7 | 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. | 1.8 | 53 |
| 152 | Fatty acid status in infancy is associated with the risk of type 1 diabetes-associated autoimmunity. Diabetologia, 2017, 60, 1223-1233. | 2.9 | 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. | 1.8 | 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. | 2.2 | 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. | 1.1 | 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. | 1.7 | 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. | 1.7 | 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. | 3.0 | 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. | 0.3 | 49 |
| 161 | HbA1c Predicts Time to Diagnosis of Type 1 Diabetes in Children at Risk. Diabetes, 2015, 64, 1719-1727. | 0.3 | 49 |
| 162 | Prediction of type 1 diabetes among siblings of affected children and in the general population. Diabetologia, 2007, 50, 2272-2275. | 2.9 | 48 |

| # | Article | IF | Citations |
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