Mikael Knip

List of Publications by Citations

448	23,868	85	138
papers	citations	h-index	g-index
494	28,194	7.7	6.67
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
448	The dynamics of the human infant gut microbiome in development and in progression toward type 1 diabetes. *Cell Host and Microbe*, **2015**, 17, 260-73	23.4	639
447	Seroconversion to multiple islet autoantibodies and risk of progression to diabetes in children. *JAMA - Journal of the American Medical Association*, **2013**, 309, 2473-9	27.4	631
446	Variation in Microbiome LPS Immunogenicity Contributes to Autoimmunity in Humans. *Cell*, **2016**, 165, 842-53	56.2	584
445	Toward defining the autoimmune microbiome for type 1 diabetes. *ISME Journal*, **2011**, 5, 82-91	11.9	556
444	Natural history of the infant gut microbiome and impact of antibiotic treatment on bacterial strain diversity and stability. *Science Translational Medicine*, **2016**, 8, 343ra81	17.5	514
443	Gut microbiome metagenomics analysis suggests a functional model for the development of autoimmunity for type 1 diabetes. *PLoS ONE*, **2011**, 6, e25792	3.7	486
442	Fecal microbiota composition differs between children with Ecell autoimmunity and those without. *Diabetes*, **2013**, 62, 1238-44	0.9	378
441	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, 2975-84	16.6	329
440	Environmental triggers and determinants of type 1 diabetes. *Diabetes*, **2005**, 54 Suppl 2, S125-36	0.9	329
439	Maternal vitamin D intake during pregnancy is inversely associated with asthma and allergic rhinitis in 5-year-old children. *Clinical and Experimental Allergy*, **2009**, 39, 875-82	4.1	314
438	A prospective study of the role of coxsackie B and other enterovirus infections in the pathogenesis of IDDM. Childhood Diabetes in Finland (DiMe) Study Group. *Diabetes*, **1995**, 44, 652-7	0.9	306
437	Safety of high-dose nicotinamide: a review. *Diabetologia*, **2000**, 43, 1337-45	10.3	290
436	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, 1746-55	40	287
435	Feasibility of genetic and immunological prediction of type I diabetes in a population-based birth cohort. *Diabetologia*, **2001**, 44, 290-7	10.3	257
434	Antibodies to Lactobacilli and Bifidobacteria in young children with different propensity to develop islet autoimmunity. *Journal of Immunology Research*, **2014**, 2014, 325938	4.5	246
433	The role of the intestinal microbiota in type 1 diabetes mellitus. *Nature Reviews Endocrinology*, **2016**, 12, 154-67	15.2	232
432	Valproate, lamotrigine, and insulin-mediated risks in women with epilepsy. *Annals of Neurology*, **1998**, 43, 446-51	9.4	229

431	Dietary intervention in infancy and later signs of beta-cell autoimmunity. *New England Journal of Medicine*, **2010**, 363, 1900-8	59.2	215
430	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, 1314-8	0.9	209
429	Obesity, increased linear growth, and risk of type 1 diabetes in children. *Diabetes Care*, **2000**, 23, 1755-60	14.6	205
428	IL-17 immunity in human type 1 diabetes. *Journal of Immunology*, **2010**, 185, 1959-67	5.3	202
427	Cardiovascular risk in young Finns. *Annals of Medicine*, **1991**, 23, 35-9	1.5	200
426	Environmental factors in the etiology of type 1 diabetes. *American Journal of Medical Genetics Part A*, **2002**, 115, 18-29		194
425	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, 327-36	15.9	191
424	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	23.4	189
423	ConStrains identifies microbial strains in metagenomic datasets. *Nature Biotechnology*, **2015**, 33, 1045-52	44.5	178
422	Epidemiology of childhood diabetes mellitus in Finland--background of a nationwide study of type 1 (insulin-dependent) diabetes mellitus. The Childhood Diabetes in Finland (DiMe) Study Group. *Diabetologia*, **1992**, 35, 70-6	10.3	174
421	Temporal changes in the frequencies of HLA genotypes in patients with Type 1 diabetes--indication of an increased environmental pressure?. *Diabetologia*, **2003**, 46, 420-5	10.3	173
420	Validity and reproducibility of a food frequency questionnaire for pregnant Finnish women. *American Journal of Epidemiology*, **2001**, 154, 466-76	3.8	170
419	Coxsackievirus B1 is associated with induction of β-cell autoimmunity that portends type 1 diabetes. *Diabetes*, **2014**, 63, 446-55	0.9	168
418	Autoimmune mechanisms in type 1 diabetes. *Autoimmunity Reviews*, **2008**, 7, 550-7	13.6	168
417	Genetic, autoimmune, and clinical characteristics of childhood- and adult-onset type 1 diabetes. *Diabetes Care*, **2000**, 23, 1326-32	14.6	166
416	Incidence of type 1 diabetes in Finland. *JAMA - Journal of the American Medical Association*, **2013**, 310, 427-8	27.4	162
415	MicroRNAs in rheumatoid arthritis: altered expression and diagnostic potential. *Autoimmunity Reviews*, **2015**, 14, 1029-37	13.6	161
414	Bacteroides dorei dominates gut microbiome prior to autoimmunity in Finnish children at high risk for type 1 diabetes. *Frontiers in Microbiology*, **2014**, 5, 678	5.7	159

413	Green areas around homes reduce atopic sensitization in children. *Allergy: European Journal of Allergy and Clinical Immunology*, **2015**, 70, 195-202	9.3	153
412	The first signs of beta-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, 4782-8	5.6	152
411	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	11.5	151
410	Early seroconversion and rapidly increasing autoantibody concentrations predict prepubertal manifestation of type 1 diabetes in children at genetic risk. *Diabetologia*, **2012**, 55, 1926-36	10.3	150
409	Measles virus infection diminishes preexisting antibodies that offer protection from other pathogens. *Science*, **2019**, 366, 599-606	33.3	149
408	Growth and biochemical markers of growth in children with snoring and obstructive sleep apnea. *Pediatrics*, **2002**, 109, e55	7.4	148
407	Nutritional risk predictors of beta cell autoimmunity and type 1 diabetes at a young age. *American Journal of Clinical Nutrition*, **2003**, 78, 1053-67	7	147
406	Autoantibodies associated with Type I diabetes mellitus persist after diagnosis in children. *Diabetologia*, **1998**, 41, 1293-7	10.3	141
405	IA-2 antibodies--a sensitive marker of IDDM with clinical onset in childhood and adolescence. Childhood Diabetes in Finland Study Group. *Diabetologia*, **1998**, 41, 424-9	10.3	138
404	Enterovirus RNA in blood is linked to the development of type 1 diabetes. *Diabetes*, **2011**, 60, 276-9	0.9	135
403	Infant feeding, early weight gain, and risk of type 1 diabetes. Childhood Diabetes in Finland (DiMe) Study Group. *Diabetes Care*, **1999**, 22, 1961-5	14.6	135
402	Clinical, autoimmune, and genetic characteristics of very young children with type 1 diabetes. Childhood Diabetes in Finland (DiMe) Study Group. *Diabetes Care*, **1999**, 22, 1950-5	14.6	134
401	Putative environmental factors in Type 1 diabetes. *Diabetes/metabolism Reviews*, **1998**, 14, 31-67		130
400	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, 985-92	3.5	129
399	Patterns of β-cell autoantibody appearance and genetic associations during the first years of life. *Diabetes*, **2013**, 62, 3636-40	0.9	124
398	Natural history of beta-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, 4572-9	5.6	124
397	A six-fold gradient in the incidence of type 1 diabetes at the eastern border of Finland. *Annals of Medicine*, **2005**, 37, 67-72	1.5	123
396	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, 1512-21	10.3	121

395	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	19.7	121
394	Valproate-induced hyperandrogenism during pubertal maturation in girls with epilepsy. *Annals of Neurology*, **1999**, 45, 444-50	9.4	121
393	Cow's milk formula feeding induces primary immunization to insulin in infants at genetic risk for type 1 diabetes. *Diabetes*, **1999**, 48, 1389-94	0.9	120
392	Environmental triggers of type 1 diabetes. *Cold Spring Harbor Perspectives in Medicine*, **2012**, 2, a007690	5.4	118
391	Innate immune activity is detected prior to seroconversion in children with HLA-conferred type 1 diabetes susceptibility. *Diabetes*, **2014**, 63, 2402-14	0.9	117
390	Hydrolyzed infant formula and early β-cell autoimmunity: a randomized clinical trial. *JAMA - Journal of the American Medical Association*, **2014**, 311, 2279-87	27.4	114
389	Advanced glycation end products are direct modulators of β-cell function. *Diabetes*, **2011**, 60, 2523-32	0.9	111
388	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, 607-12	14.6	111
387	Introducing the Endotype Concept to Address the Challenge of Disease Heterogeneity in Type 1 Diabetes. *Diabetes Care*, **2020**, 43, 5-12	14.6	111
386	HLA DR-DQ-encoded genetic determinants of childhood-onset type 1 diabetes in Finland: an analysis of 622 nuclear families. *Tissue Antigens*, **2003**, 62, 162-9		110
385	Virus antibody survey in different European populations indicates risk association between coxsackievirus B1 and type 1 diabetes. *Diabetes*, **2014**, 63, 655-62	0.9	107
384	Infant feeding and the risk of type 1 diabetes. *American Journal of Clinical Nutrition*, **2010**, 91, 1506S-1513S	7	106
383	Rapid HLA-DQB1 genotyping for four alleles in the assessment of risk for IDDM in the Finnish population. The Childhood Diabetes in Finland (DiMe) Study Group. *Diabetes Care*, **1996**, 19, 795-800	14.6	106
382	Reduced prevalence of diabetic ketoacidosis at diagnosis of type 1 diabetes in young children participating in longitudinal follow-up. *Diabetes Care*, **2011**, 34, 2347-52	14.6	104
381	Enterovirus infections are associated with the induction of beta-cell autoimmunity in a prospective birth cohort study. *Journal of Medical Virology*, **2003**, 69, 91-8	19.7	104
380	Short-term exclusive breastfeeding predisposes young children with increased genetic risk of Type I diabetes to progressive beta-cell autoimmunity. *Diabetologia*, **2001**, 44, 63-9	10.3	103
379	Dietary manipulation of beta cell autoimmunity in infants at increased risk of type 1 diabetes: a pilot study. *Diabetologia*, **2005**, 48, 829-37	10.3	102
378	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, 3174-81	5.6	102

377	Predictive characteristics of diabetes-associated autoantibodies among children with HLA-conferred disease susceptibility in the general population. *Diabetes*, **2009**, 58, 2835-42	0.9	100
376	Lower economic status and inferior hygienic environment may protect against celiac disease. *Annals of Medicine*, **2008**, 40, 223-31	1.5	99
375	Timing of infant feeding in relation to childhood asthma and allergic diseases. *Journal of Allergy and Clinical Immunology*, **2013**, 131, 78-86	11.5	98
374	Genomic variation and strain-specific functional adaptation in the human gut microbiome during early life. *Nature Microbiology*, **2019**, 4, 470-479	26.6	97
373	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, 912-7	0.9	96
372	Diabetes-associated autoantibodies in relation to clinical characteristics and natural course in children with newly diagnosed type 1 diabetes. The Childhood Diabetes In Finland Study Group. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 1534-9	5.6	96
371	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, 410-5	2.2	95
370	Prediction of type 1 diabetes in the general population. *Diabetes Care*, **2010**, 33, 1206-12	14.6	91
369	Several different enterovirus serotypes can be associated with prediabetic autoimmune episodes and onset of overt IDDM. Childhood Diabetes in Finland (DiMe) Study Group. *Journal of Medical Virology*, **1998**, 56, 74-8	19.7	91
368	Serum insulin and other cardiovascular risk indicators in children, adolescents and young adults. *Annals of Medicine*, **1991**, 23, 67-72	1.5	90
367	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	4.2	89
366	Allergic sensitization and microbial load--a comparison between Finland and Russian Karelia. *Clinical and Experimental Immunology*, **2007**, 148, 47-52	6.2	86
365	Lymphoid tyrosine phosphatase (LYP/PTPN22) Arg620Trp variant regulates insulin autoimmunity and progression to type 1 diabetes. *Diabetologia*, **2006**, 49, 1198-208	10.3	85
364	Cystatin C as a marker for glomerular filtration rate in pediatric patients. *Pediatric Nephrology*, **1999**, 13, 506-9	3.2	85
363	Association of human bocavirus 1 infection with respiratory disease in childhood follow-up study, Finland. *Emerging Infectious Diseases*, **2012**, 18, 264-71	10.2	84
362	Maternal intake of vitamin D during pregnancy and risk of advanced beta cell autoimmunity and type 1 diabetes in offspring. *Diabetologia*, **2010**, 53, 1599-607	10.3	84
361	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, 2026-35	0.7	83
360	Ketoacidosis at diagnosis of type 1 diabetes in children in northern Finland: temporal changes over 20 years. *Diabetes Care*, **2007**, 30, 861-6	14.6	82

359	Maternal antibodies in breast milk protect the child from enterovirus infections. *Pediatrics*, **2007**, 119, 941-6	7.4	80
358	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, 2712-7	5.6	80
357	Helsinki alert of biodiversity and health. *Annals of Medicine*, **2015**, 47, 218-25	1.5	79
356	The 'Hygiene hypothesis' and the sharp gradient in the incidence of autoimmune and allergic diseases between Russian Karelia and Finland. *Apmis*, **2013**, 121, 478-93	3.4	79
355	Food consumption and advanced β-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, 471-8	7	78
354	A novel common variant in DCST2 is associated with length in early life and height in adulthood. *Human Molecular Genetics*, **2015**, 24, 1155-68	5.6	77
353	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, 608-14		74
352	Enterovirus antibody levels during the first two years of life in prediabetic autoantibody-positive children. *Diabetologia*, **2001**, 44, 818-23	10.3	74
351	Effect of Hydrolyzed Infant Formula vs Conventional Formula on Risk of Type 1 Diabetes: The TRIGR Randomized Clinical Trial. *JAMA - Journal of the American Medical Association*, **2018**, 319, 38-48	27.4	73
350	Food diversity in infancy and the risk of childhood asthma and allergies. *Journal of Allergy and Clinical Immunology*, **2014**, 133, 1084-91	11.5	72
349	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	6.9	69
348	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	0.9	68
347	Metabolic regulation in progression to autoimmune diabetes. *PLoS Computational Biology*, **2011**, 7, e1002257	5	65
346	Analysis of pancreas tissue in a child positive for islet cell antibodies. *Diabetologia*, **2008**, 51, 1796-802	10.3	65
345	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, 610-7	19.7	64
344	Natural history of transglutaminase autoantibodies and mucosal changes in children carrying HLA-conferred celiac disease susceptibility. *Scandinavian Journal of Gastroenterology*, **2005**, 40, 1182-91	2.4	64
343	First-phase insulin response in young healthy children at genetic and immunological risk for Type I diabetes. *Diabetologia*, **2002**, 45, 1639-48	10.3	64
342	Microbiome and type 1 diabetes. *EBioMedicine*, **2019**, 46, 512-521	8.8	63

341	Reduced CD4+T cell activation in children with type 1 diabetes carrying the PTPN22/Lyp 620Trp variant. *Journal of Autoimmunity*, **2008**, 31, 13-21	15.5	63
340	Cord serum lipidome in prediction of islet autoimmunity and type 1 diabetes. *Diabetes*, **2013**, 62, 3268-74	8.9	62
339	Non-class II HLA gene associated with type 1 diabetes maps to the 240-kb region near HLA-B. *Diabetes*, **2000**, 49, 2217-21	0.9	61
338	ss-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, 4434-40	5.6	60
337	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	10.3	59
336	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	14.6	59
335	Enhanced levels of cow's milk antibodies in infancy in children who develop type 1 diabetes later in childhood. *Pediatric Diabetes*, **2008**, 9, 434-41	3.6	59
334	Coxsackievirus B1 infections are associated with the initiation of insulin-driven autoimmunity that progresses to type 1 diabetes. *Diabetologia*, **2018**, 61, 1193-1202	10.3	58
333	PCR inhibition in stool samples in relation to age of infants. *Journal of Clinical Virology*, **2009**, 44, 211-4	14.5	58
332	Modulation of Type 1 Diabetes Risk by the Intestinal Microbiome. *Current Diabetes Reports*, **2017**, 17, 105	5.6	56
331	Environmental factors in the pathogenesis of type 1 diabetes mellitus. *Experimental and Clinical Endocrinology and Diabetes*, **1999**, 107 Suppl 3, S93-100	2.3	56
330	Th1/Th17 plasticity is a marker of advanced □cell autoimmunity and impaired glucose tolerance in humans. *Journal of Immunology*, **2015**, 194, 68-75	5.3	55
329	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, 266-73	3.6	55
328	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		55
327	Genetic risk determines the emergence of diabetes-associated autoantibodies in young children. *Diabetes*, **2002**, 51, 646-51	0.9	55
326	Epitope spreading and a varying but not disease-specific GAD65 antibody response in Type I diabetes. The Childhood Diabetes in Finland Study Group. *Diabetologia*, **2000**, 43, 210-7	10.3	55
325	Long-term effects of weight reduction on serum lipids and plasma insulin in obese children. *American Journal of Clinical Nutrition*, **1993**, 57, 490-3	7	55
324	Age-associated DNA methylation changes in immune genes, histone modifiers and chromatin remodeling factors within 5□years after birth in human blood leukocytes. *Clinical Epigenetics*, **2015**, 7, 34	7.7	53

323	Rotavirus infections and development of diabetes-associated autoantibodies during the first 2 years of life. *Clinical and Experimental Immunology*, **2002**, 128, 511-5	6.2	53
322	Genetic susceptibility to type 1 diabetes in childhood□□estimation of HLA class II associated disease risk and class II effect in various phases of islet autoimmunity. *Pediatric Diabetes*, **2016**, 17 Suppl 22, 8-16	3.6	53
321	The Trial to Reduce IDDM in the Genetically at Risk (TRIGR) study: recruitment, intervention and follow-up. *Diabetologia*, **2011**, 54, 627-33	10.3	51
320	Cow's milk consumption, disease-associated autoantibodies and type 1 diabetes mellitus: a follow-up study in siblings of diabetic children. Childhood Diabetes in Finland Study Group. *Diabetic Medicine*, **1998**, 15, 730-8	3.5	51
319	Plasma 25-Hydroxyvitamin D Concentration and Risk of Islet Autoimmunity. *Diabetes*, **2018**, 67, 146-154	0.9	50
318	Age-related differences in the frequency of ketoacidosis at diagnosis of type 1 diabetes in children and adolescents. *Diabetes Care*, **2010**, 33, 1500-2	14.6	50
317	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, 2489-95	15.9	50
316	ISPAD Clinical Practice Consensus Guidelines 2018: Other complications and associated conditions in children and adolescents with type 1 diabetes. *Pediatric Diabetes*, **2018**, 19 Suppl 27, 275-286	3.6	49
315	Short-term direct contact with soil and plant materials leads to an immediate increase in diversity of skin microbiota. *MicrobiologyOpen*, **2019**, 8, e00645	3.4	48
314	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, 2455-9	5.6	48
313	Does the secular increase in body mass in children contribute to the increasing incidence of type 1 diabetes?. *Pediatric Diabetes*, **2008**, 9, 46-9	3.6	48
312	Gut virome sequencing in children with early islet autoimmunity. *Diabetes Care*, **2015**, 38, 930-3	14.6	46
311	Diet composition of pregnant Finnish women: changes over time and across seasons. *Public Health Nutrition*, **2010**, 13, 939-46	3.3	46
310	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, 460-72	8.1	46
309	ISPAD Clinical Practice Consensus Guidelines 2018: Stages of type 1 diabetes in children and adolescents. *Pediatric Diabetes*, **2018**, 19 Suppl 27, 20-27	3.6	44
308	Predicting Islet Cell Autoimmunity and Type 1 Diabetes: An 8-Year TEDDY Study Progress Report. *Diabetes Care*, **2019**, 42, 1051-1060	14.6	43
307	Validation of the Finnish ISAAC questionnaire on asthma against anti-asthmatic medication reimbursement database in 5-year-old children. *Clinical Respiratory Journal*, **2011**, 5, 211-8	1.7	43
306	Natural course of preclinical type 1 diabetes. *Hormone Research in Paediatrics*, **2002**, 57 Suppl 1, 6-11	3.3	42

305	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, 3253-6	0.9	41
304	Breastfeeding patterns of mothers with type 1 diabetes: results from an infant feeding trial. *Diabetes/Metabolism Research and Reviews*, **2010**, 26, 206-11	7.5	41
303	Estimation of genetic risk for type 1 diabetes. *American Journal of Medical Genetics Part A*, **2002**, 115, 30-6		41
302	Insulin autoantibodies at the clinical manifestation of type 1 (insulin-dependent) diabetes--a poor predictor of clinical course and antibody response to exogenous insulin. *Diabetologia*, **1988**, 31, 129-33	10.3	41
301	Serum 25-Hydroxyvitamin D Concentrations in Children Progressing to Autoimmunity and Clinical Type 1 Diabetes. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 723-9	5.6	40
300	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, 1814S-1820S	7	40
299	Prediction of type 1 diabetes among siblings of affected children and in the general population. *Diabetologia*, **2007**, 50, 2272-5	10.3	40
298	A multipurpose vector system for the screening of libraries in bacteria, insect and mammalian cells and expression in vivo. *Nucleic Acids Research*, **2005**, 33, e42	20.1	40
297	Extended family history of type 1 diabetes and phenotype and genotype of newly diagnosed children. *Diabetes Care*, **2013**, 36, 348-54	14.6	39
296	Early introduction of root vegetables in infancy associated with advanced □cell autoimmunity in young children with human leukocyte antigen-conferred susceptibility to Type 1 diabetes. *Diabetic Medicine*, **2011**, 28, 965-71	3.5	39
295	Intake of antioxidants during pregnancy and the risk of allergies and asthma in the offspring. *European Journal of Clinical Nutrition*, **2011**, 65, 937-43	5.2	39
294	GAD65 antibody isotypes and epitope recognition during the prediabetic process in siblings of children with type I diabetes. *Clinical and Experimental Immunology*, **2004**, 136, 120-8	6.2	39
293	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	15.5	38
292	Early Infant Diet and Islet Autoimmunity in the TEDDY Study. *Diabetes Care*, **2018**, 41, 522-530	14.6	38
291	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, 646-54	7.5	38
290	Viral interference induced by live attenuated virus vaccine (OPV) can prevent otitis media. *Vaccine*, **2011**, 29, 8615-8	4.1	38
289	Pathogenesis of type 1 diabetes: implications for incidence trends. *Hormone Research in Paediatrics*, **2011**, 76 Suppl 1, 57-64	3.3	38
288	Interplay between PTPN22 C1858T polymorphism and cow's milk formula exposure in type 1 diabetes. *Journal of Autoimmunity*, **2009**, 33, 155-64	15.5	38

287	Seven distinct dietary patterns identified among pregnant Finnish women--associations with nutrient intake and sociodemographic factors. *Public Health Nutrition*, **2008**, 11, 176-82	3.3	37
286	Receptor for advanced glycation end-products (RAGE) provides a link between genetic susceptibility and environmental factors in type 1 diabetes. *Diabetologia*, **2011**, 54, 1032-42	10.3	36
285	Steroid 21-hydroxylase autoantibodies in insulin-dependent diabetes mellitus. Childhood Diabetes in Finland (DiMe) Study Group. *Clinical Immunology and Immunopathology*, **1997**, 82, 37-42		36
284	On the association between valproate and polycystic ovary syndrome: a response and an alternative view. *Epilepsia*, **2001**, 42, 305-10	6.4	36
283	Postinitial remission in diabetic children--an analysis of 178 cases. *Acta Paediatrica, International Journal of Paediatrics*, **1982**, 71, 901-8	3.1	36
282	Fatty acid status in infancy is associated with the risk of type 1 diabetes-associated autoimmunity. *Diabetologia*, **2017**, 60, 1223-1233	10.3	35
281	Increased circulating concentrations of mesencephalic astrocyte-derived neurotrophic factor in children with type 1 diabetes. *Scientific Reports*, **2016**, 6, 29058	4.9	35
280	Disease-associated autoimmunity and prevention of insulin-dependent diabetes mellitus. *Annals of Medicine*, **1997**, 29, 447-51	1.5	35
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