

Mikael Knip

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

448
papers

23,868
citations

85
h-index

138
g-index

494
ext. papers

28,194
ext. citations

7.7
avg, IF

6.67
L-index

#	Paper	IF	Citations
448	Early DNA methylation changes in children developing beta cell autoimmunity at a young age.. <i>Diabetologia</i> , 2022 , 65, 844	10.3	0
447	Screening for Type 1 Diabetes in the General Population: A Status Report and Perspective.. <i>Diabetes</i> , 2022 , 71, 610-623	0.9	3
446	Permutation-based significance analysis reduces the type 1 error rate in bisulfite sequencing data analysis of human umbilical cord blood samples.. <i>Epigenetics</i> , 2022 , 1-20	5.7	1
445	Heterogeneity of beta-cell function in subjects with multiple islet autoantibodies in the TEDDY family prevention study - TEFA.. <i>Clinical Diabetes and Endocrinology</i> , 2022 , 7, 23	4.7	
444	Maternal breast milk microbiota and immune markers in relation to subsequent development of celiac disease in offspring.. <i>Scientific Reports</i> , 2022 , 12, 6607	4.9	0
443	INNODIA Master Protocol for the evaluation of investigational medicinal products in children, adolescents and adults with newly diagnosed type 1 diabetes.. <i>Trials</i> , 2022 , 23, 414	2.8	1
442	Maternal energy-adjusted fatty acid intake during pregnancy and the development of cows' milk allergy in the offspring. <i>British Journal of Nutrition</i> , 2021 , 1-8	3.6	
441	Determining the timing of pubertal onset via a multicohort analysis of growth. <i>PLoS ONE</i> , 2021 , 16, e0260137	3.7	0
440	Breastfeeding and circulating immunological markers during the first 3 years of life: the DIABIMMUNE study. <i>Diabetologia</i> , 2021 , 65, 329	10.3	1
439	Family history of type 2 diabetes and characteristics of children with newly diagnosed type 1 diabetes. <i>Diabetologia</i> , 2021 , 64, 581-590	10.3	0
438	Infections and systemic inflammation are associated with lower plasma concentration of insulin-like growth factor I among Malawian children. <i>American Journal of Clinical Nutrition</i> , 2021 , 113, 380-390	7	0
437	Enhanced influenza A H1N1 T cell epitope recognition and cross-reactivity to protein-O-mannosyltransferase 1 in Pandemrix-associated narcolepsy type 1. <i>Nature Communications</i> , 2021 , 12, 2283	17.4	9
436	Do Rural Second Homes Shape Commensal Microbiota of Urban Dwellers? A Pilot Study among Urban Elderly in Finland. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
435	Land Cover of Early-Life Environment Modulates the Risk of Type 1 Diabetes. <i>Diabetes Care</i> , 2021 , 44, 1506-1514	14.6	8
434	New-onset type 1 diabetes in Finnish children during the COVID-19 pandemic. <i>Archives of Disease in Childhood</i> , 2021 ,	2.2	18
433	Type 1 diabetes in Finland: past, present, and future. <i>Lancet Diabetes and Endocrinology</i> , 2021 , 9, 259-260	18.1	3
432	Generation of self-reactive, shared T-cell receptor α chains in the human thymus. <i>Journal of Autoimmunity</i> , 2021 , 119, 102616	15.5	1

431	Diabetic Ketoacidosis at the Time of Diagnosis of Type 1 Diabetes in Children: Insights From TRIGR. <i>JAMA Pediatrics</i> , 2021 , 175, 518-520	8.3	0
430	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. <i>Diabetes Care</i> , 2021 ,	14.6	3
429	Dietary compliance in a randomized double-blind infant feeding trial during infancy aiming at prevention of type 1 diabetes. <i>Food Science and Nutrition</i> , 2021 , 9, 4221-4231	3.2	
428	Tri-SNP polymorphism in the intron of HLA-DRA1 affects type 1 diabetes susceptibility in the Finnish population. <i>Human Immunology</i> , 2021 , 82, 912-916	2.3	0
427	Effect of Early Feeding on Intestinal Permeability and Inflammation Markers in Infants with Genetic Susceptibility to Type 1 Diabetes: A Randomized Clinical Trial. <i>Journal of Pediatrics</i> , 2021 , 238, 305-311.e3	3.6	1
426	Association between family history, early growth and the risk of beta cell autoimmunity in children at risk for type 1 diabetes. <i>Diabetologia</i> , 2021 , 64, 119-128	10.3	4
425	Maternal antioxidant intake during pregnancy and the development of cows' milk allergy in the offspring. <i>British Journal of Nutrition</i> , 2021 , 125, 1386-1393	3.6	1
424	Growth and development of islet autoimmunity and type 1 diabetes in children genetically at risk. <i>Diabetologia</i> , 2021 , 64, 826-835	10.3	6
423	Serum fatty acids and risk of developing islet autoimmunity: A nested case-control study within the TRIGR birth cohort. <i>Pediatric Diabetes</i> , 2021 , 22, 577-585	3.6	2
422	Allergy-Related Symptoms Are Poorly Predicted by IgE and Skin Prick Testing in Early Life. <i>International Archives of Allergy and Immunology</i> , 2021 , 182, 574-584	3.7	0
421	Letter to the Editor from Piißen et al: "Birth Cohorts in Type 1 Diabetes: Preparing for the Payoff". <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e3787-e3788	5.6	
420	An Age-Related Exponential Decline in the Risk of Multiple Islet Autoantibody Seroconversion During Childhood. <i>Diabetes Care</i> , 2021 ,	14.6	9
419	Association of different enteroviruses with atopy and allergic diseases in early childhood. <i>Pediatric Allergy and Immunology</i> , 2021 , 32, 1629-1636	4.2	
418	Increasing plasma glucose before the development of type 1 diabetes-the TRIGR study. <i>Pediatric Diabetes</i> , 2021 , 22, 974-981	3.6	2
417	Frailty modeling under a selective sampling protocol: an application to type 1 diabetes related autoantibodies. <i>Statistics in Medicine</i> , 2021 , 40, 6410-6420	2.3	0
416	Exposure to per- and polyfluoroalkyl substances associates with an altered lipid composition of breast milk. <i>Environment International</i> , 2021 , 157, 106855	12.9	5
415	Effect of extensively hydrolyzed casein vs. conventional formula on the risk of asthma and allergies: The TRIGR randomized clinical trial. <i>Pediatric Allergy and Immunology</i> , 2021 , 32, 670-678	4.2	1
414	Distinct Growth Phases in Early Life Associated With the Risk of Type 1 Diabetes: The TEDDY Study. <i>Diabetes Care</i> , 2020 , 43, 556-562	14.6	13

4 ¹³	Guidance for the Conduct and Reporting of Clinical Trials of Breast Milk Substitutes. <i>JAMA Pediatrics</i> , 2020 , 174, 874-881	8.3	4
4 ¹²	Longitudinal Metabolome-Wide Signals Prior to the Appearance of a First Islet Autoantibody in Children Participating in the TEDDY Study. <i>Diabetes</i> , 2020 , 69, 465-476	0.9	13
4 ¹¹	Association of diabetes-related autoantibodies with the incidence of asthma, eczema and allergic rhinitis in the TRIGR randomised clinical trial. <i>Diabetologia</i> , 2020 , 63, 1796-1807	10.3	4
4 ¹⁰	Fungal Dysbiosis and Intestinal Inflammation in Children With Beta-Cell Autoimmunity. <i>Frontiers in Immunology</i> , 2020 , 11, 468	8.4	15
4 ⁰⁹	Characterization of Proinsulin T Cell Epitopes Restricted by Type 1 Diabetes-Associated HLA Class II Molecules. <i>Journal of Immunology</i> , 2020 , 204, 2349-2359	5.3	5
4 ⁰⁸	The role of vitamin D in the aetiology of type 1 diabetes. Reply to Korsgren O [letter]. <i>Diabetologia</i> , 2020 , 63, 1281-1282	10.3	1
4 ⁰⁷	Multiplexed High-Throughput Serological Assay for Human Enteroviruses. <i>Microorganisms</i> , 2020 , 8,	4.9	1
4 ⁰⁶	Hierarchical Order of Distinct Autoantibody Spreading and Progression to Type 1 Diabetes in the TEDDY Study. <i>Diabetes Care</i> , 2020 , 43, 2066-2073	14.6	17
4 ⁰⁵	Prenatal exposure to perfluoroalkyl substances modulates neonatal serum phospholipids, increasing risk of type 1 diabetes. <i>Environment International</i> , 2020 , 143, 105935	12.9	15
4 ⁰⁴	HLA-DR-DQ haplotypes and specificity of the initial autoantibody in islet specific autoimmunity. <i>Pediatric Diabetes</i> , 2020 , 21, 1218-1226	3.6	3
4 ⁰³	Consumption of differently processed milk products in infancy and early childhood and the risk of islet autoimmunity. <i>British Journal of Nutrition</i> , 2020 , 1-8	3.6	4
4 ⁰²	Association of Picornavirus Infections With Acute Otitis Media in a Prospective Birth Cohort Study. <i>Journal of Infectious Diseases</i> , 2020 , 222, 324-332	7	2
4 ⁰¹	Contrasting microbiotas between Finnish and Estonian infants: Exposure to Acinetobacter may contribute to the allergy gap. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 2342-2351	9.3	17
4 ⁰⁰	Enhancing and neutralizing anti-coxsackievirus activities in serum samples from patients prior to development of type 1 diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2020 , 36, e3305	7.5	4
399	Metabolic alterations in immune cells associate with progression to type 1 diabetes. <i>Diabetologia</i> , 2020 , 63, 1017-1031	10.3	16
398	Antibody Responses against Enterovirus Proteases are Potential Markers for an Acute Infection. <i>Viruses</i> , 2020 , 12,	6.2	2
397	Coeliac disease and HLA-conferred susceptibility to autoimmunity are associated with IgE sensitization in young children. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 692-694	9.3	1
396	Circulating Tbet-specific CD8 T cells restricted by high-risk HLA class I molecules show antigen experience in children with and at risk of type 1 diabetes. <i>Clinical and Experimental Immunology</i> , 2020 , 199, 263-277	6.2	12

395	Serum 25-hydroxyvitamin D concentration in childhood and risk of islet autoimmunity and type 1 diabetes: the TRIGR nested case-control ancillary study. <i>Diabetologia</i> , 2020 , 63, 780-787	10.3	14
394	Longitudinal Pattern of First-Phase Insulin Response Is Associated With Genetic Variants Outside the Class II HLA Region in Children With Multiple Autoantibodies. <i>Diabetes</i> , 2020 , 69, 12-19	0.9	9
393	Early exposure to cats, dogs and farm animals and the risk of childhood asthma and allergy. <i>Pediatric Allergy and Immunology</i> , 2020 , 31, 265-272	4.2	9
392	Type 1 diabetes linked PTPN22 gene polymorphism is associated with the frequency of circulating regulatory T cells. <i>European Journal of Immunology</i> , 2020 , 50, 581-588	6.1	10
391	Introducing the Endotype Concept to Address the Challenge of Disease Heterogeneity in Type 1 Diabetes. <i>Diabetes Care</i> , 2020 , 43, 5-12	14.6	111
390	Decreased Incidence of Type 1 Diabetes in Young Finnish Children. <i>Diabetes Care</i> , 2020 , 43, 2953-2958	14.6	13
389	Early-life exposure to perfluorinated alkyl substances modulates lipid metabolism in progression to celiac disease. <i>Environmental Research</i> , 2020 , 188, 109864	7.9	7
388	Extended family history of type 1 diabetes in HLA-predisposed children with and without islet autoantibodies. <i>Pediatric Diabetes</i> , 2020 , 21, 1447-1456	3.6	2
387	Type 1 diabetes-origins and epidemiology. <i>Lancet Diabetes and Endocrinology</i> , 2020 , 8, 368-369	18.1	1
386	A combined risk score enhances prediction of type 1 diabetes among susceptible children. <i>Nature Medicine</i> , 2020 , 26, 1247-1255	50.5	30
385	Type 1 and type 2 diabetes after gestational diabetes: a 23-year cohort study. <i>Diabetologia</i> , 2020 , 63, 2123-2128	10.3	11
384	Mucosal-associated invariant T cell alterations during the development of human type 1 diabetes. <i>Diabetologia</i> , 2020 , 63, 2396-2409	10.3	5
383	Maternal Nitrate and Nitrite Intakes during Pregnancy and Risk of Islet Autoimmunity and Type 1 Diabetes: The DIPP Cohort Study. <i>Journal of Nutrition</i> , 2020 , 150, 2969-2976	4.1	2
382	Dynamics of Islet Autoantibodies During Prospective Follow-Up From Birth to Age 15 Years. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	16
381	Structural Insight into CVB3-VLP Non-Adjuvanted Vaccine. <i>Microorganisms</i> , 2020 , 8,	4.9	4
380	Immunomodulatory Effects of Rhinovirus and Enterovirus Infections During the First Year of Life. <i>Frontiers in Immunology</i> , 2020 , 11, 567046	8.4	2
379	Enterovirus Infections Are Associated With the Development of Celiac Disease in a Birth Cohort Study. <i>Frontiers in Immunology</i> , 2020 , 11, 604529	8.4	3
378	Greening of Daycare Yards with Biodiverse Materials Affords Well-Being, Play and Environmental Relationships. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	20

377	Circulating metabolites in progression to islet autoimmunity and type 1 diabetes. <i>Diabetologia</i> , 2019 , 62, 2287-2297	10.3	15
376	Age at Seroconversion, HLA Genotype, and Specificity of Autoantibodies in Progression of Islet Autoimmunity in Childhood. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 4521-4530	5.6	9
375	Formalin treatment increases the stability and immunogenicity of coxsackievirus B1 VLP vaccine. <i>Antiviral Research</i> , 2019 , 171, 104595	10.8	10
374	A comparative study of the effect of UV and formalin inactivation on the stability and immunogenicity of a Coxsackievirus B1 vaccine. <i>Vaccine</i> , 2019 , 37, 5962-5971	4.1	8
373	Combination of three virus-derived nanoparticles as a vaccine against enteric pathogens; enterovirus, norovirus and rotavirus. <i>Vaccine</i> , 2019 , 37, 7509-7518	4.1	9
372	No Association Between Ljungan Virus Seropositivity and the Beta-cell Damaging Process in the Finnish Type 1 Diabetes Prediction and Prevention Study Cohort. <i>Pediatric Infectious Disease Journal</i> , 2019 , 38, 314-316	3.4	2
371	Cord-Blood Lipidome in Progression to Islet Autoimmunity and Type 1 Diabetes. <i>Biomolecules</i> , 2019 , 9,	5.9	13
370	A Joint Modeling Approach for Childhood Meat, Fish and Egg Consumption and the Risk of Advanced Islet Autoimmunity. <i>Scientific Reports</i> , 2019 , 9, 7760	4.9	10
369	Early childhood infections and the use of antibiotics and antipyretic-analgesics in Finland, Estonia and Russian Karelia. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019 , 108, 2075-2082	3.1	2
368	Serum 25-Hydroxyvitamin D Concentrations at Birth in Children Screened for HLA-DQB1 Conferred Risk for Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 2277-2285	5.6	7
367	Early-life exposure to common virus infections did not differ between coeliac disease patients and controls. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019 , 108, 1709-1716	3.1	5
366	Development of atopic sensitization in Finnish and Estonian children: A latent class analysis in a multicenter cohort. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 1904-1913.e9	11.5	3
365	Development of T cell immunity to norovirus and rotavirus in children under five years of age. <i>Scientific Reports</i> , 2019 , 9, 3199	4.9	16
364	Rhinoviruses in infancy and risk of immunoglobulin E sensitization. <i>Journal of Medical Virology</i> , 2019 , 91, 1470-1478	19.7	3
363	Predicting Islet Cell Autoimmunity and Type 1 Diabetes: An 8-Year TEDDY Study Progress Report. <i>Diabetes Care</i> , 2019 , 42, 1051-1060	14.6	43
362	FOXP3+ Regulatory T Cell Compartment Is Altered in Children With Newly Diagnosed Type 1 Diabetes but Not in Autoantibody-Positive at-Risk Children. <i>Frontiers in Immunology</i> , 2019 , 10, 19	8.4	23
361	Short-term direct contact with soil and plant materials leads to an immediate increase in diversity of skin microbiota. <i>MicrobiologyOpen</i> , 2019 , 8, e00645	3.4	48
360	Association of Cereal, Gluten, and Dietary Fiber Intake With Islet Autoimmunity and Type 1 Diabetes. <i>JAMA Pediatrics</i> , 2019 , 173, 953-960	8.3	22

359	Islet Autoantibody Standardization Program 2018 Workshop: Interlaboratory Comparison of Glutamic Acid Decarboxylase Autoantibody Assay Performance. <i>Clinical Chemistry</i> , 2019 , 65, 1141-1152	5.5	23
358	Characteristics of Slow Progression to Type 1 Diabetes in Children With Increased HLA-Conferred Disease Risk. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 5585-5594	5.6	6
357	Early Detection of Peripheral Blood Cell Signature in Children Developing β Cell Autoimmunity at a Young Age. <i>Diabetes</i> , 2019 , 68, 2024-2034	0.9	25
356	Characteristics of familial type 1 diabetes: effects of the relationship to the affected family member on phenotype and genotype at diagnosis. <i>Diabetologia</i> , 2019 , 62, 2025-2039	10.3	7
355	Microbiome and type 1 diabetes. <i>EBioMedicine</i> , 2019 , 46, 512-521	8.8	63
354	Circulating CXCR5PD-1 peripheral T helper cells are associated with progression to type 1 diabetes. <i>Diabetologia</i> , 2019 , 62, 1681-1688	10.3	30
353	Maturation of Gut Microbiota and Circulating Regulatory T Cells and Development of IgE Sensitization in Early Life. <i>Frontiers in Immunology</i> , 2019 , 10, 2494	8.4	30
352	Measles virus infection diminishes preexisting antibodies that offer protection from other pathogens. <i>Science</i> , 2019 , 366, 599-606	33.3	149
351	Persistent Alterations in Plasma Lipid Profiles Before Introduction of Gluten in the Diet Associated With Progression to Celiac Disease. <i>Clinical and Translational Gastroenterology</i> , 2019 , 10, 1-10	4.2	15
350	Host Cell Calpains Can Cleave Structural Proteins from the Enterovirus Polyprotein. <i>Viruses</i> , 2019 , 11,	6.2	2
349	Genomic variation and strain-specific functional adaptation in the human gut microbiome during early life. <i>Nature Microbiology</i> , 2019 , 4, 470-479	26.6	97
348	No evidence of the role of early chemical exposure in the development of β cell autoimmunity. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 1370-1378	5.1	9
347	Early childhood CMV infection may decelerate the progression to clinical type 1 diabetes. <i>Pediatric Diabetes</i> , 2019 , 20, 73-77	3.6	10
346	Characterization and non-parametric modeling of the developing serum proteome during infancy and early childhood. <i>Scientific Reports</i> , 2018 , 8, 5883	4.9	7
345	Coxsackievirus B1 infections are associated with the initiation of insulin-driven autoimmunity that progresses to type 1 diabetes. <i>Diabetologia</i> , 2018 , 61, 1193-1202	10.3	58
344	New Coxsackievirus 2A and 3C protease antibodies for virus detection and discovery of pathogenic mechanisms. <i>Journal of Virological Methods</i> , 2018 , 255, 29-37	2.6	11
343	A novel rat CVB1-VP1 monoclonal antibody 3A6 detects a broad range of enteroviruses. <i>Scientific Reports</i> , 2018 , 8, 33	4.9	11
342	Early Infant Diet and Islet Autoimmunity in the TEDDY Study. <i>Diabetes Care</i> , 2018 , 41, 522-530	14.6	38

341	Effect of Hydrolyzed Infant Formula vs Conventional Formula on Risk of Type 1 Diabetes: The TRIGR Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 319, 38-48	27.4	73
340	Primary islet autoantibody at initial seroconversion and autoantibodies at diagnosis of type 1 diabetes as markers of disease heterogeneity. <i>Pediatric Diabetes</i> , 2018 , 19, 284-292	3.6	27
339	Early childhood infections precede development of beta-cell autoimmunity and type 1 diabetes in children with HLA-conferred disease risk. <i>Pediatric Diabetes</i> , 2018 , 19, 293-299	3.6	24
338	Ketoacidosis at diagnosis of type 1 diabetes: Effect of prospective studies with newborn genetic screening and follow up of risk children. <i>Pediatric Diabetes</i> , 2018 , 19, 314-319	3.6	20
337	Transglutaminase antibodies and celiac disease in children with type 1 diabetes and in their family members. <i>Pediatric Diabetes</i> , 2018 , 19, 305-313	3.6	11
336	Exocrine pancreas function decreases during the progression of the beta-cell damaging process in young prediabetic children. <i>Pediatric Diabetes</i> , 2018 , 19, 398-402	3.6	14
335	Plasma 25-Hydroxyvitamin D Concentration and Risk of Islet Autoimmunity. <i>Diabetes</i> , 2018 , 67, 146-154	0.9	50
334	ISPAD Clinical Practice Consensus Guidelines 2018: Other complications and associated conditions in children and adolescents with type 1 diabetes. <i>Pediatric Diabetes</i> , 2018 , 19 Suppl 27, 275-286	3.6	49
333	ISPAD Clinical Practice Consensus Guidelines 2018: Stages of type 1 diabetes in children and adolescents. <i>Pediatric Diabetes</i> , 2018 , 19 Suppl 27, 20-27	3.6	44
332	Strain-Level Analysis of Mother-to-Child Bacterial Transmission during the First Few Months of Life. <i>Cell Host and Microbe</i> , 2018 , 24, 146-154.e4	23.4	189
331	A Type 1 Diabetes Genetic Risk Score Predicts Progression of Islet Autoimmunity and Development of Type 1 Diabetes in Individuals at Risk. <i>Diabetes Care</i> , 2018 , 41, 1887-1894	14.6	59
330	Dynamics of Plasma Lipidome in Progression to Islet Autoimmunity and Type 1 Diabetes - Type 1 Diabetes Prediction and Prevention Study (DIPP). <i>Scientific Reports</i> , 2018 , 8, 10635	4.9	31
329	Effector T Cell Resistance to Suppression and STAT3 Signaling during the Development of Human Type 1 Diabetes. <i>Journal of Immunology</i> , 2018 , 201, 1144-1153	5.3	14
328	Live attenuated enterovirus vaccine (OPV) is not associated with islet autoimmunity in children with genetic susceptibility to type 1 diabetes: prospective cohort study. <i>Diabetologia</i> , 2018 , 61, 203-209	10.3	4
327	Prospects for primary prevention of type 1 diabetes by restoring a disappearing microbe. <i>Pediatric Diabetes</i> , 2018 , 19, 1400-1406	3.6	23
326	Class II HLA Genotype Association With First-Phase Insulin Response Is Explained by Islet Autoantibodies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 2870-2878	5.6	6
325	A novel processing-based classification and conventional food grouping to estimate milk product consumption in Finnish children. <i>International Dairy Journal</i> , 2018 , 86, 96-102	3.5	1
324	Serum, plasma and erythrocyte membrane lipidomes in infants fed formula supplemented with bovine milk fat globule membranes. <i>Pediatric Research</i> , 2018 , 84, 726-732	3.2	25

323	Sex as a determinant of type 1 diabetes at diagnosis. <i>Pediatric Diabetes</i> , 2018 , 19, 1221-1228	3.6	9
322	A longitudinal plasma lipidomics dataset from children who developed islet autoimmunity and type 1 diabetes. <i>Scientific Data</i> , 2018 , 5, 180250	8.2	14
321	Enterovirus-associated changes in blood transcriptomic profiles of children with genetic susceptibility to type 1 diabetes. <i>Diabetologia</i> , 2018 , 61, 381-388	10.3	8
320	Infant Feeding in Relation to the Risk of Advanced Islet Autoimmunity and Type 1 Diabetes in Children With Increased Genetic Susceptibility: A Cohort Study. <i>American Journal of Epidemiology</i> , 2018 , 187, 34-44	3.8	19
319	Developing a vaccine for type 1 diabetes by targeting coxsackievirus B. <i>Expert Review of Vaccines</i> , 2018 , 17, 1071-1083	5.2	27
318	Probiotic intervention in infancy is not associated with development of beta cell autoimmunity and type 1 diabetes. <i>Diabetologia</i> , 2018 , 61, 2668-2670	10.3	18
317	Carotenoid Intake and Serum Concentration in Young Finnish Children and Their Relation with Fruit and Vegetable Consumption. <i>Nutrients</i> , 2018 , 10,	6.7	8
316	Enterovirus infection during pregnancy is inversely associated with atopic disease in the offspring. <i>Clinical and Experimental Allergy</i> , 2018 , 48, 1698-1704	4.1	4
315	Detection of enteroviruses in stools precedes islet autoimmunity by several months: possible evidence for slowly operating mechanisms in virus-induced autoimmunity. <i>Diabetologia</i> , 2017 , 60, 424-431	10.3	59
314	Serum carotenoid and tocopherol concentrations and risk of asthma in childhood: a nested case-control study. <i>Clinical and Experimental Allergy</i> , 2017 , 47, 401-409	4.1	10
313	The association of the HLA-A*24:02, B*39:01 and B*39:06 alleles with type 1 diabetes is restricted to specific HLA-DR/DQ haplotypes in Finns. <i>Hla</i> , 2017 , 89, 215-224	1.9	16
312	Fatty acid status in infancy is associated with the risk of type 1 diabetes-associated autoimmunity. <i>Diabetologia</i> , 2017 , 60, 1223-1233	10.3	35
311	A drop in the circulating concentrations of soluble receptor for advanced glycation end products is associated with seroconversion to autoantibody positivity but not with subsequent progression to clinical disease in children en route to type 1 diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2017 , 33, e2872	7.5	3
310	Characterisation of rapid progressors to type 1 diabetes among children with HLA-conferred disease susceptibility. <i>Diabetologia</i> , 2017 , 60, 1284-1293	10.3	13
309	Diabetes: Loss of β cell mass - an acute event before T1DM presentation?. <i>Nature Reviews Endocrinology</i> , 2017 , 13, 253-254	15.2	6
308	Eliminating cows' milk, but not wheat, barley or rye, increases the risk of growth deceleration and nutritional inadequacies. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2017 , 106, 1142-1149	3.1	20
307	HLA and non-HLA genes and familial predisposition to autoimmune diseases in families with a child affected by type 1 diabetes. <i>PLoS ONE</i> , 2017 , 12, e0188402	3.7	11
306	Lipidomics of human umbilical cord serum: identification of unique sterol sulfates. <i>Future Science OA</i> , 2017 , 3, FSO193	2.7	1

305	Modulation of Type 1 Diabetes Risk by the Intestinal Microbiome. <i>Current Diabetes Reports</i> , 2017 , 17, 105	5.6	56
304	Vitamin D intake during the first 4 years and onset of asthma by age 5: A nested case-control study. <i>Pediatric Allergy and Immunology</i> , 2017 , 28, 641-648	4.2	8
303	Avoidance of Cow's Milk-Based Formula for At-Risk Infants Does Not Reduce Development of Celiac Disease: A Randomized Controlled Trial. <i>Gastroenterology</i> , 2017 , 153, 961-970.e3	13.3	15
302	Intestinal virome changes precede autoimmunity in type 1 diabetes-susceptible children. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E6166-E6175	11.5	151
301	Type 1 diabetes mellitus is a heterogeneous disease. <i>Nature Reviews Endocrinology</i> , 2017 , 13, 1	15.2	1
300	Reclassification of asymptomatic beta cell autoimmunity: a critical perspective. <i>Diabetologia</i> , 2017 , 60, 39-42	10.3	4
299	Reply to "Antibiotics, intestinal dysbiosis and risk of celiac disease" by Hakim Rahmoune et al. [Digestive and Liver Disease]. <i>Digestive and Liver Disease</i> , 2017 , 49, 106-107	3.3	
298	Regional differences in milk and complementary feeding patterns in infants participating in an international nutritional type 1 diabetes prevention trial. <i>Maternal and Child Nutrition</i> , 2017 , 13,	3.4	9
297	Circulating CXCR5+PD-1+ICOS+ Follicular T Helper Cells Are Increased Close to the Diagnosis of Type 1 Diabetes in Children With Multiple Autoantibodies. <i>Diabetes</i> , 2017 , 66, 437-447	0.9	68
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5	Prediction and prevention of type 1 diabetes ⁸⁷ , 54		1
4	Prenatal exposure to perfluoroalkyl substances modulates neonatal serum phospholipids, increasing risk of type 1 diabetes		4
3	Metabolic Alterations in Human Peripheral Blood Mononuclear Cells Associate with Progression to Islet Autoimmunity and Type 1 Diabetes		1
2	Permutation-based significance analysis reduces the type 1 error rate in bisulfite sequencing data analysis of human umbilical cord blood samples		2
1	Umbilical Cord Blood DNA Methylation in Children Who Later Develop Type 1 Diabetes		3