Heikki Hyoty

List of Publications by Year in descending order

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282	17,164	14655	20358
papers	citations	66 h-index	116 g-index

293	293	293	14025
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Persistent coxsackievirus B1 infection triggers extensive changes in the transcriptome of human pancreatic ductal cells. IScience, 2022, 25, 103653.	4.1	3
2	Type 1 Diabetes in Children With Genetic Risk May Be Predicted Very Early With a Blood miRNA. Diabetes Care, 2022, , .	8.6	1
3	Childhood Height Growth Rate Association With the Risk of Islet Autoimmunity and Development of Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 1520-1528.	3.6	5
4	Sources of dietary gluten in the first 2 years of life and associations with celiac disease autoimmunity and celiac disease in Swedish genetically predisposed children: The Environmental Determinants of Diabetes in the Young (TEDDY) study. American Journal of Clinical Nutrition, 2022, 116, 394-403.	4.7	5
5	Effect of inactivated natureâ€derived microbial composition on mouse immune system. Immunity, Inflammation and Disease, 2022, 10, .	2.7	6
6	Indoor green wall affects health-associated commensal skin microbiota and enhances immune regulation: a randomized trial among urban office workers. Scientific Reports, 2022, 12, 6518.	3.3	19
7	Pancreas Whole Tissue Transcriptomics Highlights the Role of the Exocrine Pancreas in Patients With Recently Diagnosed Type 1 Diabetes. Frontiers in Endocrinology, 2022, 13, 861985.	3.5	0
8	Associations Between Serum Fatty Acids and Immunological Markers in Children Developing Islet Autoimmunityâ€"The TRIGR Nested Caseâ€"Control Study. Frontiers in Immunology, 2022, 13, .	4.8	0
9	Exposomic determinants of immune-mediated diseases. Environmental Epidemiology, 2022, 6, e212.	3.0	2
10	Umbilical cord blood DNA methylation in children who later develop type 1 diabetes. Diabetologia, 2022, 65, 1534-1540.	6.3	4
11	Faecal regenerating 1B protein concentration is not associated with child growth in rural Malawi. Journal of Paediatrics and Child Health, 2021, 57, 388-394.	0.8	1
12	Associations between land cover categories, gaseous PAH levels in ambient air and endocrine signaling predicted from gut bacterial metagenome of the elderly. Chemosphere, 2021, 265, 128965.	8.2	15
13	Serum fatty acids and risk of developing islet autoimmunity: A nested<scp>caseâ€"control</scp>study within the<scp>TRIGR</scp>birth cohort. Pediatric Diabetes, 2021, 22, 577-585.	2.9	10
14	An Age-Related Exponential Decline in the Risk of Multiple Islet Autoantibody Seroconversion During Childhood. Diabetes Care, 2021, 44, 2260-2268.	8.6	23
15	Do Rural Second Homes Shape Commensal Microbiota of Urban Dwellers? A Pilot Study among Urban Elderly in Finland. International Journal of Environmental Research and Public Health, 2021, 18, 3742.	2.6	6
16	Land Cover of Early-Life Environment Modulates the Risk of Type 1 Diabetes. Diabetes Care, 2021, 44, 1506-1514.	8.6	16
17	Immunological resilience and biodiversity for prevention of allergic diseases and asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3613-3626.	5.7	32
18	Association of different enteroviruses with atopy and allergic diseases in early childhood. Pediatric Allergy and Immunology, 2021, 32, 1629-1636.	2.6	0

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19	Characterisation of enterovirus RNA detected in the pancreas and other specimens of live patients with newly diagnosed type 1 diabetes in the DiViD study. Diabetologia, 2021, 64, 2491-2501.	6.3	19
20	Frailty modeling under a selective sampling protocol: anÂapplication to type 1 diabetes related autoantibodies. Statistics in Medicine, 2021, 40, 6410-6420.	1.6	2
21	Coxsackievirus B Vaccines Prevent Infection-Accelerated Diabetes in NOD Mice and Have No Disease-Inducing Effect. Diabetes, 2021, 70, 2871-2878.	0.6	19
22	Long-term biodiversity intervention shapes health-associated commensal microbiota among urban day-care children. Environment International, 2021, 157, 106811.	10.0	36
23	Infections and systemic inflammation are associated with lower plasma concentration of insulin-like growth factor I among Malawian children. American Journal of Clinical Nutrition, 2021, 113, 380-390.	4.7	7
24	Primary Site of Coxsackievirus B Replication in the Small Intestines: No Proof of Peyerâ€™s Patches Involvement. Microorganisms, 2021, 9, 2600.	3.6	3
25	A preclinical assessment to repurpose drugs to target type 1 diabetesâ€associated type B coxsackieviruses. Diabetic Medicine, 2020, 37, 1849-1853.	2.3	8
26	Serum 25-hydroxyvitamin D concentration in childhood and risk of islet autoimmunity and type 1 diabetes: the TRIGR nested caseâ€“control ancillary study. Diabetologia, 2020, 63, 780-787.	6.3	28
27	Metagenomics of the faecal virome indicate a cumulative effect of enterovirus and gluten amount on the risk of coeliac disease autoimmunity in genetically at risk children: the TEDDY study. Gut, 2020, 69, 1416-1422.	12.1	82
28	Early exposure to cats, dogs and farm animals and the risk of childhood asthma and allergy. Pediatric Allergy and Immunology, 2020, 31, 265-272.	2.6	30
29	Early-life exposure to perfluorinated alkyl substances modulates lipid metabolism in progression to celiac disease. Environmental Research, 2020, 188, 109864.	7.5	19
30	Biodiversity intervention enhances immune regulation and health-associated commensal microbiota among daycare children. Science Advances, 2020, 6, .	10.3	174
31	Genetic Adaptation of Coxsackievirus B1 during Persistent Infection in Pancreatic Cells. Microorganisms, 2020, 8, 1790.	3.6	11
32	A combined risk score enhances prediction of type 1 diabetes among susceptible children. Nature Medicine, 2020, 26, 1247-1255.	30.7	83
33	Differential Detection of Encapsidated versus Unencapsidated Enterovirus RNA in Samples Containing Pancreatic Enzymesâ€”Relevance for Diabetes Studies. Viruses, 2020, 12, 747.	3.3	5
34	Structural Insight into CVB3-VLP Non-Adjuvanted Vaccine. Microorganisms, 2020, 8, 1287.	3.6	8
35	Detection of Viral â^'RNA and +RNA Strands in Enterovirus-Infected Cells and Tissues. Microorganisms, 2020, 8, 1928.	3.6	4
36	Distinct Growth Phases in Early Life Associated With the Risk of Type 1 Diabetes: The TEDDY Study. Diabetes Care, 2020, 43, 556-562.	8.6	28

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37	A hexavalent Coxsackievirus B vaccine is highly immunogenic and has a strong protective capacity in mice and nonhuman primates. Science Advances, 2020, 6, eaaz2433.	10.3	55
38	Longitudinal Metabolome-Wide Signals Prior to the Appearance of a First Islet Autoantibody in Children Participating in the TEDDY Study. Diabetes, 2020, 69, 465-476.	0.6	30
39	Multiplexed High-Throughput Serological Assay for Human Enteroviruses. Microorganisms, 2020, 8, 963.	3.6	5
40	Hierarchical Order of Distinct Autoantibody Spreading and Progression to Type 1 Diabetes in the TEDDY Study. Diabetes Care, 2020, 43, 2066-2073.	8.6	41
41	Association of Picornavirus Infections With Acute Otitis Media in a Prospective Birth Cohort Study. Journal of Infectious Diseases, 2020, 222, 324-332.	4.0	5
42	Enhancing and neutralizing antiâ€coxsackievirus activities in serum samples from patients prior to development of type 1 diabetes. Diabetes/Metabolism Research and Reviews, 2020, 36, e3305.	4.0	5
43	Metabolic alterations in immune cells associate with progression to type 1 diabetes. Diabetologia, 2020, 63, 1017-1031.	6.3	42
44	Yard vegetation is associated with gut microbiota composition. Science of the Total Environment, 2020, 713, 136707.	8.0	39
45	Antibody Responses against Enterovirus Proteases are Potential Markers for an Acute Infection. Viruses, 2020, 12, 78.	3.3	7
46	Immunomodulatory Effects of Rhinovirus and Enterovirus Infections During the First Year of Life. Frontiers in Immunology, 2020, 11, 567046.	4.8	2
47	Enterovirus Infections Are Associated With the Development of Celiac Disease in a Birth Cohort Study. Frontiers in Immunology, 2020, 11, 604529.	4.8	19
48	Eradication of persistent coxsackievirus B infection from a pancreatic cell line with clinically used antiviral drugs. Journal of Clinical Virology, 2020, 128, 104334.	3.1	10
49	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
50	Temporal variation in indoor transfer of dirt-associated environmental bacteria in agricultural and urban areas. Environment International, 2019, 132, 105069.	10.0	34
51	Coxsackievirus B Persistence Modifies the Proteome and the Secretome of Pancreatic Ductal Cells. IScience, 2019, 19, 340-357.	4.1	20
52	Global phylogeography and ancient evolution of the widespread human gut virus crAssphage. Nature Microbiology, 2019, 4, 1727-1736.	13.3	184
53	Circulating metabolites in progression to islet autoimmunity and type 1 diabetes. Diabetologia, 2019, 62, 2287-2297.	6.3	30
54	Formalin treatment increases the stability and immunogenicity of coxsackievirus B1 VLP vaccine. Antiviral Research, 2019, 171, 104595.	4.1	15

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55	A comparative study of the effect of UV and formalin inactivation on the stability and immunogenicity of a Coxsackievirus B1 vaccine. Vaccine, 2019, 37, 5962-5971.	3.8	19
56	The relationship between breastfeeding and reported respiratory and gastrointestinal infection rates in young children. BMC Pediatrics, 2019, 19, 339.	1.7	104
57	Combination of three virus-derived nanoparticles as a vaccine against enteric pathogens; enterovirus, norovirus and rotavirus. Vaccine, 2019, 37, 7509-7518.	3.8	19
58	No Association Between Ljungan Virus Seropositivity and the Beta-cell Damaging Process in the Finnish Type 1 Diabetes Prediction and Prevention Study Cohort. Pediatric Infectious Disease Journal, 2019, 38, 314-316.	2.0	7
59	Cord-Blood Lipidome in Progression to Islet Autoimmunity and Type 1 Diabetes. Biomolecules, 2019, 9, 33.	4.0	19
60	Endocrine disruption and commensal bacteria alteration associated with gaseous and soil PAH contamination among daycare children. Environment International, 2019, 130, 104894.	10.0	32
61	Early childhood infections and the use of antibiotics and antipyreticâ€analgesics in Finland, Estonia and Russian Karelia. Acta Paediatrica, International Journal of Paediatrics, 2019, 108, 2075-2082.	1.5	7
62	Serum 25-Hydroxyvitamin D Concentrations at Birth in Children Screened for HLA-DQB1 Conferred Risk for Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 2277-2285.	3.6	12
63	Presence of Giardia lamblia in stools of sixâ€to 18â€month old asymptomatic Malawians is associated with children's growth failure. Acta Paediatrica, International Journal of Paediatrics, 2019, 108, 1833-1840.	1.5	12
64	Large enteroviral vaccination studies to prevent type 1 diabetes should be well founded and rely on scientific evidence. Reply to Skog O, Klingel K, Roivainen M et al [letter]. Diabetologia, 2019, 62, 1100-1103.	6.3	4
65	Earlyâ€life exposure to common virus infections did not differ between coeliac disease patients and controls. Acta Paediatrica, International Journal of Paediatrics, 2019, 108, 1709-1716.	1.5	11
66	High prevalence of selected viruses and parasites and their predictors in Malawian children. Epidemiology and Infection, 2019, 147, e90.	2.1	14
67	Development of T cell immunity to norovirus and rotavirus in children under five years of age. Scientific Reports, 2019, 9, 3199.	3.3	24
68	Rhinoviruses in infancy and risk of immunoglobulin E sensitization. Journal of Medical Virology, 2019, 91, 1470-1478.	5.0	6
69	Rationale for enteroviral vaccination and antiviral therapies in human type 1 diabetes. Diabetologia, 2019, 62, 744-753.	6.3	65
70	The association between stressful life events and respiratory infections during the first 4Âyears of life: <scp>The Environmental Determinants of Diabetes in the Young</scp> study. Stress and Health, 2019, 35, 289-303.	2.6	9
71	Persistent Alterations in Plasma Lipid Profiles Before Introduction of Gluten in the Diet Associated With Progression to Celiac Disease. Clinical and Translational Gastroenterology, 2019, 10, e00044.	2.5	30
72	Prospective virome analyses in young children at increased genetic risk for type 1 diabetes. Nature Medicine, 2019, 25, 1865-1872.	30.7	161

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73	Early childhood CMV infection may decelerate the progression to clinical type 1 diabetes. Pediatric Diabetes, 2019, 20, 73-77.	2.9	13
74	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
75	New Coxsackievirus 2Apro and 3Cpro protease antibodies for virus detection and discovery of pathogenic mechanisms. Journal of Virological Methods, 2018, 255, 29-37.	2.1	13
76	A novel rat CVB1-VP1 monoclonal antibody 3A6 detects a broad range of enteroviruses. Scientific Reports, 2018, 8, 33.	3.3	18
77	Early Infant Diet and Islet Autoimmunity in the TEDDY Study. Diabetes Care, 2018, 41, 522-530.	8.6	48
78	Quantitative CrAssphage realâ€time PCR assay derived from data of multiple geographically distant populations. Journal of Medical Virology, 2018, 90, 767-771.	5.0	40
79	First trimester enterovirus IgM and beta cell autoantibodies in mothers to children affected by type 1 diabetes autoimmunity before 7 years of age. Journal of Reproductive Immunology, 2018, 127, 1-6.	1.9	4
80	Early childhood infections precede development of beta-cell autoimmunity and type 1 diabetes in children with HLA-conferred disease risk. Pediatric Diabetes, 2018, 19, 293-299.	2.9	40
81	Exocrine pancreas function decreases during the progression of the betaâ€cell damaging process in young prediabetic children. Pediatric Diabetes, 2018, 19, 398-402.	2.9	17
82	Plasma 25-Hydroxyvitamin D Concentration and Risk of Islet Autoimmunity. Diabetes, 2018, 67, 146-154.	0.6	72
83	Gestational respiratory infections interacting with offspring HLA and CTLA-4 modifies incident Î²-cell autoantibodies. Journal of Autoimmunity, 2018, 86, 93-103.	6.5	22
84	A Coxsackievirus B vaccine protects against virus-induced diabetes in an experimental mouse model of type 1 diabetes. Diabetologia, 2018, 61, 476-481.	6.3	58
85	PandemrixÂ® vaccination is not associated with increased risk of islet autoimmunity or type 1 diabetes in the TEDDY study children. Diabetologia, 2018, 61, 193-202.	6.3	18
86	Enterovirus-associated changes in blood transcriptomic profiles of children with genetic susceptibility to type 1 diabetes. Diabetologia, 2018, 61, 381-388.	6.3	12
87	Developing a vaccine for type 1 diabetes by targeting coxsackievirus B. Expert Review of Vaccines, 2018, 17, 1071-1083.	4.4	46
88	The Environmental Determinants of Diabetes in the Young (TEDDY) Study: 2018 Update. Current Diabetes Reports, 2018, 18, 136.	4.2	77
89	Temporal development of the gut microbiome in early childhood from the TEDDY study. Nature, 2018, 562, 583-588.	27.8	1,220
90	Enterovirus infection during pregnancy is inversely associated with atopic disease in the offspring. Clinical and Experimental Allergy, 2018, 48, 1698-1704.	2.9	4

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91	Higher parental occupational social contact is associated with a reduced risk of incident pediatric type 1 diabetes: Mediation through molecular enteroviral indices. PLoS ONE, 2018, 13, e0193992.	2.5	7
92	Molecular epidemiology of enteroviruses in young children at increased risk of type 1 diabetes. PLoS ONE, 2018, 13, e0201959.	2.5	28
93	Nature-derived microbiota exposure as a novel immunomodulatory approach. Future Microbiology, 2018, 13, 737-744.	2.0	50
94	Urbanization Reduces Transfer of Diverse Environmental Microbiota Indoors. Frontiers in Microbiology, 2018, 9, 84.	3.5	95
95	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
96	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
97	Live attenuated enterovirus vaccine (OPV) is not associated with islet autoimmunity in children with genetic susceptibility to type 1 diabetes: prospective cohort study. Diabetologia, 2018, 61, 203-209.	6.3	5
98	A longitudinal plasma lipidomics dataset from children who developed islet autoimmunity and type 1 diabetes. Scientific Data, 2018, 5, 180250.	5.3	23
99	Half-lives of PAHs and temporal microbiota changes in commonly used urban landscaping materials. PeerJ, 2018, 6, e4508.	2.0	52
100	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
101	Re-addressing the 2013 consensus guidelines for the diagnosis of insulitis in human type 1 diabetes: is change necessary?. Diabetologia, 2017, 60, 753-755.	6.3	7
102	Optimized production and purification of Coxsackievirus B1 vaccine and its preclinical evaluation in a mouse model. Vaccine, 2017, 35, 3718-3725.	3.8	27
103	Next-Generation Sequencing Combined with Specific PCR Assays To Determine the Bacterial 16S rRNA Gene Profiles of Middle Ear Fluid Collected from Children with Acute Otitis Media. MSphere, 2017, 2, .	2.9	39
104	Imbalance of bacteriome profiles within the Finnish Diabetes Prediction and Prevention study: Parallel use of 16S profiling and virome sequencing in stool samples from children with islet autoimmunity and matched controls. Pediatric Diabetes, 2017, 18, 588-598.	2.9	44
105	Association Between Early-Life Antibiotic Use and the Risk of Islet or Celiac Disease Autoimmunity. JAMA Pediatrics, 2017, 171, 1217.	6.2	79
106	Respiratory infections are temporally associated with initiation of type 1 diabetes autoimmunity: the TEDDY study. Diabetologia, 2017, 60, 1931-1940.	6.3	112
107	Avoidance of Cow's Milkâ€“Based Formula for At-Risk Infants Does Not Reduce Development of Celiac Disease: A Randomized Controlled Trial. Gastroenterology, 2017, 153, 961-970.e3.	1.3	21
108	Vipie: web pipeline for parallel characterization of viral populations from multiple NGS samples. BMC Genomics, 2017, 18, 378.	2.8	20

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109	Factors That Increase Risk of Celiac Disease Autoimmunity After a Gastrointestinal Infection in Early Life. Clinical Gastroenterology and Hepatology, 2017, 15, 694-702.e5.	4.4	140
110	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
111	The abundance of health-associated bacteria is altered in PAH polluted soilsâ€"Implications for health in urban areas?. PLoS ONE, 2017, 12, e0187852.	2.5	52
112	Detection and localization of viral infection in the pancreas of patients with type 1 diabetes using short fluorescently-labelled oligonucleotide probes. Oncotarget, 2017, 8, 12620-12636.	1.8	25
113	Coxsackieâ€"adenovirus receptor expression is enhanced in pancreas from patients with type 1 diabetes. BMJ Open Diabetes Research and Care, 2016, 4, e000219.	2.8	30
114	Natural Development of Antibodies against Streptococcus pneumoniae, Haemophilus influenzae, and Moraxella catarrhalis Protein Antigens during the First 13 Years of Life. Vaccine Journal, 2016, 23, 878-883.	3.1	15
115	Moraxella catarrhalis Might Be More Common than Expected in Acute Otitis Media in Young Finnish Children. Journal of Clinical Microbiology, 2016, 54, 2373-2379.	3.9	31
116	Exploring the risk factors for differences in the cumulative incidence of coeliac disease in two neighboring countries: the prospective DIABIMMUNE study. Digestive and Liver Disease, 2016, 48, 1296-1301.	0.9	26
117	Viruses in type 1 diabetes. Pediatric Diabetes, 2016, 17, 56-64.	2.9	108
118	Human enterovirus and rhinovirus infections are associated with otitis media in a prospective birth cohort study. Journal of Clinical Virology, 2016, 85, 1-6.	3.1	7
119	Antibiotic resistance in pathogens causing acute otitis media in Finnish children. International Journal of Pediatric Otorhinolaryngology, 2016, 85, 91-94.	1.0	15
120	Relative sensitivity of immunohistochemistry, multiple reaction monitoring mass spectrometry, in situ hybridization and PCR to detect Coxsackievirus B1 in A549 cells. Journal of Clinical Virology, 2016, 77, 21-28.	3.1	23
121	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
122	Development and maturation of norovirus antibodies in childhood. Microbes and Infection, 2016, 18, 263-269.	1.9	25
123	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
124	Gut Virome Sequencing in Children With Early Islet Autoimmunity. Diabetes Care, 2015, 38, 930-933.	8.6	58
125	Serum Proteomes Distinguish Children Developing Type 1 Diabetes in a Cohort With HLA-Conferred Susceptibility. Diabetes, 2015, 64, 2265-2278.	0.6	46
126	Detection of a Low-Grade Enteroviral Infection in the Islets of Langerhans of Living Patients Newly Diagnosed With Type 1 Diabetes. Diabetes, 2015, 64, 1682-1687.	0.6	255

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127	A preclinical study on the efficacy and safety of a new vaccine against Coxsackievirus B1 reveals no risk for accelerated diabetes development in mouse models. Diabetologia, 2015, 58, 346-354.	6.3	41
128	Investigation of CTLA-4-318C/T gene polymorphism in cases with type 1 diabetes of Azerbaijan, Northwest Iran. Immunology Letters, 2015, 166, 134-139.	2.5	8
129	Influenza A virus antibodies show no association with pancreatic islet autoantibodies in children genetically predisposed to type 1 diabetes. Diabetologia, 2015, 58, 2592-2595.	6.3	18
130	Application of bioinformatics in probe design enables detection of enteroviruses on different taxonomic levels by advanced in situ hybridization technology. Journal of Clinical Virology, 2015, 69, 165-171.	3.1	16
131	Multiple consecutive norovirus infections in the first 2Âyears of life. European Journal of Pediatrics, 2015, 174, 1679-1683.	2.7	24
132	A method for reporting and classifying acute infectious diseases in a prospective study of young children: TEDDY. BMC Pediatrics, 2015, 15, 24.	1.7	24
133	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
134	High-Throughput Multiplex Quantitative Polymerase Chain Reaction Method for Giardia lamblia and Cryptosporidium Species Detection in Stool Samples. American Journal of Tropical Medicine and Hygiene, 2015, 92, 1222-1226.	1.4	9
135	Human parechovirus as a minor cause of acute otitis media in children. Journal of Clinical Virology, 2015, 62, 106-109.	3.1	9
136	B-Cell Responses to Human Bocaviruses 1â€“4: New Insights from a Childhood Follow-Up Study. PLoS ONE, 2015, 10, e0139096.	2.5	31
137	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
138	An Increase in Serum 25-Hydroxyvitamin D Concentrations Preceded a Plateau in Type 1 Diabetes Incidence in Finnish Children. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E2353-E2356.	3.6	26
139	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
140	The methylome of the gut microbiome: disparate Dam methylation patterns in intestinal Bacteroides dorei. Frontiers in Microbiology, 2014, 5, 361.	3.5	36
141	Diagnostic Methods for and Clinical Pictures of Polyomavirus Primary Infections in Children, Finland. Emerging Infectious Diseases, 2014, 20, 689-692.	4.3	11
142	Coxsackievirus B1 reveals strain specific differences in plasmacytoid dendritic cell mediated immunogenicity. Journal of Medical Virology, 2014, 86, 1412-1420.	5.0	23
143	Developing a vaccine for Type 1 diabetes through targeting enteroviral infections. Expert Review of Vaccines, 2014, 13, 989-999.	4.4	17
144	Microbial Exposure in Infancy and Subsequent Appearance of Type 1 Diabetes Mellitusâ€“Associated Autoantibodies. JAMA Pediatrics, 2014, 168, 755.	6.2	33

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145	Evaluation of the fidelity of immunolabelling obtained with clone 5D8/1, a monoclonal antibody directed against the enteroviral capsid protein, VP1, in human pancreas. Diabetologia, 2014, 57, 392-401.	6.3	35
146	Pancreatic biopsy by minimal tail resection in live adult patients at the onset of type 1 diabetes: experiences from the DiViD study. Diabetologia, 2014, 57, 841-843.	6.3	149
147	Detection of enterovirus in the islet cells of patients with type 1 diabetes: what do we learn from immunohistochemistry? Reply to Hansson SF, Korsgren S, PontÃ©n F et al [letter]. Diabetologia, 2014, 57, 647-649.	6.3	12
148	Coxsackievirus B3 VLPs purified by ion exchange chromatography elicit strong immune responses in mice. Antiviral Research, 2014, 104, 93-101.	4.1	37
149	Infection of human islets of langerhans with two strains of coxsackie B virus serotype 1: Assessment of virus replication, degree of cell death and induction of genes involved in the innate immunity pathway. Journal of Medical Virology, 2014, 86, 1402-1411.	5.0	39
150	Coxsackievirus B1 Is Associated With Induction of Î²-Cell Autoimmunity That Portends Type 1 Diabetes. Diabetes, 2014, 63, 446-455.	0.6	228
151	Enterovirus RNA in longitudinal blood samples and risk of islet autoimmunity in children with a high genetic risk of type 1 diabetes: the MIDIA study. Diabetologia, 2014, 57, 2193-2200.	6.3	29
152	Immunological Changes and Increased Expression of Myxovirus Resistance Protein A in Thyroid Tissue of Patients with Recent Onset and Untreated Graves' Disease. Thyroid, 2014, 24, 537-544.	4.5	11
153	Standard of hygiene and immune adaptation in newborn infants. Clinical Immunology, 2014, 155, 136-147.	3.2	35
154	Aberrant gut microbiota composition at the onset of type 1 diabetes in young children. Diabetologia, 2014, 57, 1569-1577.	6.3	274
155	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
156	Role of Viruses and Other Microbes in the Pathogenesis of Type 1 Diabetes. International Reviews of Immunology, 2014, 33, 284-295.	3.3	51
157	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
158	Presence of Human Enteric Viruses in the Stools of Healthy Malawian 6â€Monthâ€Old Infants. Journal of Pediatric Gastroenterology and Nutrition, 2014, 58, 502-504.	1.8	6
159	Enterovirus Immunity and the â€œHygiene Hypothesisâ€•, 2013, , 129-141.		0
160	Introduction of complementary foods in infancy and atopic sensitization at the age of 5Âyears: timing and food diversity in a Finnish birth cohort. Allergy: European Journal of Allergy and Clinical Immunology, 2013, 68, 507-516.	5.7	77
161	Viruses as Major Environmental Factors in the Induction of Diabetes. , 2013, , 349-355.		0
162	Next-generation sequencing for viruses in children with rapid-onset type 1 diabetes. Diabetologia, 2013, 56, 1705-1711.	6.3	34

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163	Detection of enterovirus in the thyroid tissue of patients with graves' disease. Journal of Medical Virology, 2013, 85, 512-518.	5.0	25
164	Human parechovirus seroprevalence in Finland and the Netherlands. Journal of Clinical Virology, 2013, 58, 211-215.	3.1	51
165	Human rhinoviruses including group C are common in stool samples of young Finnish children. Journal of Clinical Virology, 2013, 56, 334-338.	3.1	24
166	Human enterovirus 71 strains in the background population and in hospital patients in Finland. Journal of Clinical Virology, 2013, 56, 348-353.	3.1	35
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