

Heli Siljander

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

5,264
citations

257357

24
h-index

243529

44
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all docs

45
docs citations

45
times ranked

8215
citing authors

#	ARTICLE	IF	CITATIONS
1	The Dynamics of the Human Infant Gut Microbiome in Development and in Progression toward Type 1 Diabetes. <i>Cell Host and Microbe</i> , 2015, 17, 260-273.	5.1	1,008
2	Variation in Microbiome LPS Immunogenicity Contributes to Autoimmunity in Humans. <i>Cell</i> , 2016, 165, 842-853.	13.5	968
3	Natural history of the infant gut microbiome and impact of antibiotic treatment on bacterial strain diversity and stability. <i>Science Translational Medicine</i> , 2016, 8, 343ra81.	5.8	763
4	The role of the intestinal microbiota in type 1 diabetes mellitus. <i>Nature Reviews Endocrinology</i> , 2016, 12, 154-167.	4.3	335
5	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.	5.1	311
6	Measles virus infection diminishes preexisting antibodies that offer protection from other pathogens. <i>Science</i> , 2019, 366, 599-606.	6.0	294
7	ConStrains identifies microbial strains in metagenomic datasets. <i>Nature Biotechnology</i> , 2015, 33, 1045-1052.	9.4	235
8	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.	3.3	227
9	Autoimmune mechanisms in type 1 diabetes. <i>Autoimmunity Reviews</i> , 2008, 7, 550-557.	2.5	201
10	Genomic variation and strain-specific functional adaptation in the human gut microbiome during early life. <i>Nature Microbiology</i> , 2019, 4, 470-479.	5.9	164
11	Microbiome and type 1 diabetes. <i>EBioMedicine</i> , 2019, 46, 512-521.	2.7	111
12	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.	1.6	56
13	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.	2.2	46
14	Decreased Incidence of Type 1 Diabetes in Young Finnish Children. <i>Diabetes Care</i> , 2020, 43, 2953-2958.	4.3	41
15	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.	1.2	40
16	Prenatal exposure to perfluoroalkyl substances modulates neonatal serum phospholipids, increasing risk of type 1 diabetes. <i>Environment International</i> , 2020, 143, 105935.	4.8	38
17	Early Detection of Peripheral Blood Cell Signature in Children Developing β -Cell Autoimmunity at a Young Age. <i>Diabetes</i> , 2019, 68, 2024-2034.	0.3	37
18	Dynamics of Islet Autoantibodies During Prospective Follow-Up From Birth to Age 15 Years. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e4638-e4651.	1.8	35

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19	Microbial Exposure in Infancy and Subsequent Appearance of Type 1 Diabetes Mellitusâ€“Associated Autoantibodies. <i>JAMA Pediatrics</i> , 2014, 168, 755.	3.3	33
20	Circulating metabolites in progression to islet autoimmunity and type 1 diabetes. <i>Diabetologia</i> , 2019, 62, 2287-2297.	2.9	30
21	Characterisation of rapid progressors to type 1 diabetes among children with HLA-conferred disease susceptibility. <i>Diabetologia</i> , 2017, 60, 1284-1293.	2.9	29
22	Positivity for Zinc Transporter 8 Autoantibodies at Diagnosis Is Subsequently Associated With Reduced Î²-Cell Function and Higher Exogenous Insulin Requirement in Children and Adolescents With Type 1 Diabetes. <i>Diabetes Care</i> , 2016, 39, 118-121.	4.3	28
23	Role of humoral beta-cell autoimmunity in type 1 diabetes. <i>Pediatric Diabetes</i> , 2016, 17, 17-24.	1.2	27
24	Exploring the risk factors for differences in the cumulative incidence of coeliac disease in two neighboring countries: the prospective DIABIMMUNE study. <i>Digestive and Liver Disease</i> , 2016, 48, 1296-1301.	0.4	26
25	Role of insulin autoantibody affinity as a predictive marker for type 1 diabetes in young children with HLA-conferred disease susceptibility. <i>Diabetes/Metabolism Research and Reviews</i> , 2009, 25, 615-622.	1.7	23
26	A longitudinal plasma lipidomics dataset from children who developed islet autoimmunity and type 1 diabetes. <i>Scientific Data</i> , 2018, 5, 180250.	2.4	23
27	Cord-Blood Lipidome in Progression to Islet Autoimmunity and Type 1 Diabetes. <i>Biomolecules</i> , 2019, 9, 33.	1.8	19
28	Characterization and non-parametric modeling of the developing serum proteome during infancy and early childhood. <i>Scientific Reports</i> , 2018, 8, 5883.	1.6	13
29	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.	1.8	12
30	Exposure to per- and polyfluoroalkyl substances associates with an altered lipid composition of breast milk. <i>Environment International</i> , 2021, 157, 106855.	4.8	12
31	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.	1.8	11
32	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.	0.7	11
33	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.	1.5	10
34	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.	0.9	8
35	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.	0.7	7
36	Rhinoviruses in infancy and risk of immunoglobulin E sensitization. <i>Journal of Medical Virology</i> , 2019, 91, 1470-1478.	2.5	6

#	ARTICLE	IF	CITATIONS
37	Autoantibodies to N-terminally Truncated GAD65(96-585): HLA Associations and Predictive Value for Type 1 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e935-e946.	1.8	6
38	Reclassification of asymptomatic beta cell autoimmunity: a critical perspective. <i>Diabetologia</i> , 2017, 60, 39-42.	2.9	5
39	Association of Picornavirus Infections With Acute Otitis Media in a Prospective Birth Cohort Study. <i>Journal of Infectious Diseases</i> , 2020, 222, 324-332.	1.9	5
40	Celiac 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.	2.7	3
41	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.	0.9	2
42	Maternal breast milk microbiota and immune markers in relation to subsequent development of celiac disease in offspring. <i>Scientific Reports</i> , 2022, 12, 6607.	1.6	2
43	Lipidomics of human umbilical cord serum: identification of unique sterol sulfates. <i>Future Science OA</i> , 2017, 3, FSO193.	0.9	1