Sami Oikarinen

List of Publications by Year
in descending order

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55 papers	2,629 citations	201674 27 h-index	197818 49 g-index
55 all docs	55 docs citations	55 times ranked	2983 citing authors

#	Article	IF	Citations
1	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
2	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
3	Coxsackievirus B1 Is Associated With Induction of Î²-Cell Autoimmunity That Portends Type 1 Diabetes. Diabetes, 2014, 63, 446-455.	0.6	228
4	Biodiversity intervention enhances immune regulation and health-associated commensal microbiota among daycare children. Science Advances, 2020, 6, .	10.3	174
5	Enterovirus RNA in Blood Is Linked to the Development of Type 1 Diabetes. Diabetes, 2011, 60, 276-279.	0.6	155
6	Type 1 Diabetes Is Associated With Enterovirus Infection in Gut Mucosa. Diabetes, 2012, 61, 687-691.	0.6	128
7	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
8	The detection and stability of the SARS-CoV-2 RNA biomarkers in wastewater influent in Helsinki, Finland. Science of the Total Environment, 2021, 770, 145274.	8.0	111
9	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
10	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
11	Gut Virome Sequencing in Children With Early Islet Autoimmunity. Diabetes Care, 2015, 38, 930-933.	8.6	58
12	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
13	Nature-derived microbiota exposure as a novel immunomodulatory approach. Future Microbiology, 2018, 13, 737-744.	2.0	50
14	Evolution and conservation in human parechovirus genomes. Journal of General Virology, 2009, 90, 1702-1712.	2.9	48
15	Methods, quality control and specimen management in an international multicentre investigation of type 1 diabetes: TEDDY. Diabetes/Metabolism Research and Reviews, 2013, 29, 557-567.	4.0	44
16	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
17	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
18	Yard vegetation is associated with gut microbiota composition. Science of the Total Environment, 2020, 713, 136707.	8.0	39

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19	Coxsackievirus B3 VLPs purified by ion exchange chromatography elicit strong immune responses in mice. Antiviral Research, 2014, 104, 93-101.	4.1	37
20	Long-term biodiversity intervention shapes health-associated commensal microbiota among urban day-care children. Environment International, 2021, 157, 106811.	10.0	36
21	Application of digital PCR for public health-related water quality monitoring. Science of the Total Environment, 2022, 837, 155663.	8.0	36
22	Molecular Analysis of an Echovirus 3 Strain Isolated from an Individual Concurrently with Appearance of Islet Cell and IA-2 Autoantibodies. Journal of Clinical Microbiology, 2006, 44, 441-448.	3.9	35
23	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
24	Temporal variation in indoor transfer of dirt-associated environmental bacteria in agricultural and urban areas. Environment International, 2019, 132, 105069.	10.0	34
25	Endocrine disruption and commensal bacteria alteration associated with gaseous and soil PAH contamination among daycare children. Environment International, 2019, 130, 104894.	10.0	32
26	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
27	Molecular epidemiology of enteroviruses in young children at increased risk of type 1 diabetes. PLoS ONE, 2018, 13, e0201959.	2.5	28
28	Coxsackievirus B1 reveals strain specific differences in plasmacytoid dendritic cell mediated immunogenicity. Journal of Medical Virology, 2014, 86, 1412-1420.	5.0	23
29	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
30	Coxsackievirus B Persistence Modifies the Proteome and the Secretome of Pancreatic Ductal Cells. IScience, 2019, 19, 340-357.	4.1	20
31	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
32	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
33	Virus Infections as Potential Targets of Preventive Treatments for Type 1 Diabetes. Review of Diabetic Studies, 2012, 9, 260-271.	1.3	18
34	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
35	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
36	Blastocystis in the faeces of children from six distant countries: prevalence, quantity, subtypes and the relation to the gut bacteriome. Parasites and Vectors, 2021, 14, 399.	2.5	14

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37	Enterovirus-associated changes in blood transcriptomic profiles of children with genetic susceptibility to type 1 diabetes. Diabetologia, 2018, 61, 381-388.	6.3	12
38	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
39	Genetic Adaptation of Coxsackievirus B1 during Persistent Infection in Pancreatic Cells. Microorganisms, 2020, 8, 1790.	3.6	11
40	Human Protoparvovirus DNA and IgG in Children and Adults with and without Respiratory or Gastrointestinal Infections. Viruses, 2021, 13, 483.	3.3	10
41	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
42	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
43	Human parechovirus as a minor cause of acute otitis media in children. Journal of Clinical Virology, 2015, 62, 106-109.	3.1	9
44	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
45	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
46	Effect of inactivated natureâ€•derived microbial composition on mouse immune system. Immunity, Inflammation and Disease, 2022, 10, .	2.7	6
47	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
48	Differential Detection of Encapsidated versus Unencapsidated Enterovirus RNA in Samples Containing Pancreatic Enzymesâ€”Relevance for Diabetes Studies. Viruses, 2020, 12, 747.	3.3	5
49	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
50	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
51	Detection of Viral â^'RNA and +RNA Strands in Enterovirus-Infected Cells and Tissues. Microorganisms, 2020, 8, 1928.	3.6	4
52	Bioinformatics Assembling and Assessment of Novel Coxsackievirus B1 Genome. Methods in Molecular Biology, 2018, 1838, 261-272.	0.9	2
53	Immunomodulatory Effects of Rhinovirus and Enterovirus Infections During the First Year of Life. Frontiers in Immunology, 2020, 11, 567046.	4.8	2
54	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

#	Article	IF	Citations
55	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