

Samuli Rautava

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

3,367
citations

361413

20
h-index

377865

34
g-index

41
all docs

41
docs citations

41
times ranked

4671
citing authors

#	ARTICLE	IF	CITATIONS
1	Human gut colonisation may be initiated in utero by distinct microbial communities in the placenta and amniotic fluid. <i>Scientific Reports</i> , 2016, 6, 23129.	3.3	831
2	Microbial contact during pregnancy, intestinal colonization and human disease. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2012, 9, 565-576.	17.8	392
3	Maternal gut and breast milk microbiota affect infant gut antibiotic resistome and mobile genetic elements. <i>Nature Communications</i> , 2018, 9, 3891.	12.8	313
4	Probiotics Modulate Host-Microbe Interaction in the Placenta and Fetal Gut: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Neonatology</i> , 2012, 102, 178-184.	2.0	243
5	Maternal probiotic supplementation during pregnancy and breast-feeding reduces the risk of eczema in the infant. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 1355-1360.	2.9	237
6	Epigenetic Matters: The Link between Early Nutrition, Microbiome, and Long-term Health Development. <i>Frontiers in Pediatrics</i> , 2017, 5, 178.	1.9	170
7	Specific Probiotics in Enhancing Maturation of IgA Responses in Formula-Fed Infants. <i>Pediatric Research</i> , 2006, 60, 221-224.	2.3	145
8	The Hygiene Hypothesis of Atopic Disease—An Extended Version. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2004, 38, 378-388.	1.8	144
9	Breast Milk Microbiota Is Shaped by Mode of Delivery and Intrapartum Antibiotic Exposure. <i>Frontiers in Nutrition</i> , 2019, 6, 4.	3.7	126
10	Neonatal antibiotic exposure impairs child growth during the first six years of life by perturbing intestinal microbial colonization. <i>Nature Communications</i> , 2021, 12, 443.	12.8	113
11	Antibiotics, obesity and the link to microbes - what are we doing to our children?. <i>BMC Medicine</i> , 2016, 14, 57.	5.5	103
12	Associations between human milk oligosaccharides and growth in infancy and early childhood. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 769-778.	4.7	82
13	Gut microbiota: a source of novel tools to reduce the risk of human disease?. <i>Pediatric Research</i> , 2015, 77, 182-188.	2.3	72
14	HPV infection and bacterial microbiota in the placenta, uterine cervix and oral mucosa. <i>Scientific Reports</i> , 2018, 8, 9787.	3.3	65
15	Probiotics on Pediatric Functional Gastrointestinal Disorders. <i>Nutrients</i> , 2018, 10, 1836.	4.1	41
16	The Time for a Confirmative Necrotizing Enterocolitis Probiotics Prevention Trial in the Extremely Low Birth Weight Infant in North America Is Now!. <i>Journal of Pediatrics</i> , 2014, 165, 389-394.	1.8	34
17	Infants Are Exposed to Human Milk Oligosaccharides Already in utero. <i>Frontiers in Pediatrics</i> , 2018, 6, 270.	1.9	30
18	HPV infection and bacterial microbiota in breast milk and infant oral mucosa. <i>PLoS ONE</i> , 2018, 13, e0207016.	2.5	27

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19	Composition and maternal origin of the neonatal oral cavity microbiota. <i>Journal of Oral Microbiology</i> , 2019, 11, 1663084.	2.7	26
20	Growth Factor Concentrations in Human Milk Are Associated With Infant Weight and BMI From Birth to 5 Years. <i>Frontiers in Nutrition</i> , 2020, 7, 110.	3.7	26
21	Sexually Dimorphic Associations between Maternal Factors and Human Milk Hormonal Concentrations. <i>Nutrients</i> , 2020, 12, 152.	4.1	19
22	Spontaneous preterm delivery is reflected in both early neonatal and maternal gut microbiota. <i>Pediatric Research</i> , 2022, 91, 1804-1811.	2.3	19
23	HPV infection and bacterial microbiota in the semen from healthy men. <i>BMC Infectious Diseases</i> , 2021, 21, 373.	2.9	15
24	Neighborhood Socioeconomic Disadvantage and Childhood Body Mass Index Trajectories From Birth to 7 Years of Age. <i>Epidemiology</i> , 2022, 33, 121-130.	2.7	13
25	Preterm infant meconium microbiota transplant induces growth failure, inflammatory activation, and metabolic disturbances in germ-free mice. <i>Cell Reports Medicine</i> , 2021, 2, 100447.	6.5	13
26	Maternal Intrapartum Antibiotic Administration and Infantile Colic: Is there a Connection?. <i>Neonatology</i> , 2018, 114, 226-229.	2.0	12
27	Microbial Composition of the Initial Colonization of Newborns. <i>Nestle Nutrition Institute Workshop Series</i> , 2017, 88, 11-21.	0.1	11
28	Increase in serum Interleukin-10 does not alleviate pro-inflammatory MCP-1 production in obese pregnancies. <i>Cytokine</i> , 2018, 108, 67-70.	3.2	9
29	The Effect of Donor Human Milk Fortification on The Adhesion of Probiotics In Vitro. <i>Nutrients</i> , 2020, 12, 182.	4.1	8
30	Hydrocortisone-induced anti-inflammatory effects in immature human enterocytes depend on the timing of exposure. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, G920-G929.	3.4	7
31	Neonatal weight loss and exclusive breastfeeding. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, 965-966.	1.5	5
32	Milk Microbiome and Neonatal Colonization: Overview. <i>Nestle Nutrition Institute Workshop Series</i> , 2020, 94, 65-74.	0.1	5
33	The Impact of Storage Conditions on the Stability of <i>Lactobacillus rhamnosus</i> GG and <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> Bb12 in Human Milk. <i>Breastfeeding Medicine</i> , 2017, 12, 566-569.	1.7	4
34	Probiotic Intervention Through the Pregnant and Breastfeeding Mother to Reduce Disease Risk in the Child. <i>Breastfeeding Medicine</i> , 2018, 13, S-14-S-15.	1.7	3
35	Maternal Intrapartum Antibiotic Treatment and Gut Microbiota Development in Healthy Term Infants. <i>Neonatology</i> , 2022, 119, 93-102.	2.0	1
36	Diet and Microbiota in Early Life. , 2021, , 30-30.		0

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37	Maternal microbiota Å‘ source of novel tools to fight nonâ€‘communicable disease risk? (637.12). FASEB Journal, 2014, 28, 637.12.	0.5	0
38	Neighborhood disadvantage, greenness and population density as predictors of breastfeeding practices: a population cohort study from Finland. Journal of Nutrition, 2022, , .	2.9	0