

Anne Maarit Salonen

List of Publications by Year in descending order

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58
papers

6,749
citations

126907

33
h-index

138484

58
g-index

68
all docs

68
docs citations

68
times ranked

10446
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards standards for human fecal sample processing in metagenomic studies. <i>Nature Biotechnology</i> , 2017, 35, 1069-1076.	17.5	581
2	Intestinal microbiome is related to lifetime antibiotic use in Finnish pre-school children. <i>Nature Communications</i> , 2016, 7, 10410.	12.8	557
3	Impact of diet and individual variation on intestinal microbiota composition and fermentation products in obese men. <i>ISME Journal</i> , 2014, 8, 2218-2230.	9.8	489
4	Comparative analysis of fecal DNA extraction methods with phylogenetic microarray: Effective recovery of bacterial and archaeal DNA using mechanical cell lysis. <i>Journal of Microbiological Methods</i> , 2010, 81, 127-134.	1.6	480
5	Intestinal Microbiota in Healthy Adults: Temporal Analysis Reveals Individual and Common Core and Relation to Intestinal Symptoms. <i>PLoS ONE</i> , 2011, 6, e23035.	2.5	302
6	Intestinal Microbiota And Diet in IBS: Causes, Consequences, or Epiphenomena?. <i>American Journal of Gastroenterology</i> , 2015, 110, 278-287.	0.4	283
7	Faecal microbiota composition and host-microbe cross-talk following gastroenteritis and in postinfectious irritable bowel syndrome. <i>Gut</i> , 2014, 63, 1737-1745.	12.1	282
8	Saturated Fat Is More Metabolically Harmful for the Human Liver Than Unsaturated Fat or Simple Sugars. <i>Diabetes Care</i> , 2018, 41, 1732-1739.	8.6	266
9	Gastrointestinal microbiota in irritable bowel syndrome: present state and perspectives. <i>Microbiology (United Kingdom)</i> , 2010, 156, 3205-3215.	1.8	231
10	Tipping elements in the human intestinal ecosystem. <i>Nature Communications</i> , 2014, 5, 4344.	12.8	217
11	Quantitative PCR provides a simple and accessible method for quantitative microbiota profiling. <i>PLoS ONE</i> , 2020, 15, e0227285.	2.5	207
12	Effects of bowel cleansing on the intestinal microbiota. <i>Gut</i> , 2015, 64, 1562-1568.	12.1	201
13	Fecal Microbiota in Pediatric Inflammatory Bowel Disease and Its Relation to Inflammation. <i>American Journal of Gastroenterology</i> , 2015, 110, 921-930.	0.4	193
14	Maternal Fecal Microbiota Transplantation in Cesarean-Born Infants Rapidly Restores Normal Gut Microbial Development: A Proof-of-Concept Study. <i>Cell</i> , 2020, 183, 324-334.e5.	28.9	188
15	Comparative Metaproteomics and Diversity Analysis of Human Intestinal Microbiota Testifies for Its Temporal Stability and Expression of Core Functions. <i>PLoS ONE</i> , 2012, 7, e29913.	2.5	183
16	Impact of Diet on Human Intestinal Microbiota and Health. <i>Annual Review of Food Science and Technology</i> , 2014, 5, 239-262.	9.9	173
17	Associations between the human intestinal microbiota, <i>Lactobacillus rhamnosus</i> GG and serum lipids indicated by integrated analysis of high-throughput profiling data. <i>PeerJ</i> , 2013, 1, e32.	2.0	166
18	Gut Microbiota Signatures Predict Host and Microbiota Responses to Dietary Interventions in Obese Individuals. <i>PLoS ONE</i> , 2014, 9, e90702.	2.5	163

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19	Probiotic supplementation restores normal microbiota composition and function in antibiotic-treated and in caesarean-born infants. <i>Microbiome</i> , 2018, 6, 182.	11.1	160
20	Properly Folded Nonstructural Polyprotein Directs the Semliki Forest Virus Replication Complex to the Endosomal Compartment. <i>Journal of Virology</i> , 2003, 77, 1691-1702.	3.4	120
21	Role of the Amphipathic Peptide of Semliki Forest Virus Replicase Protein nsP1 in Membrane Association and Virus Replication. <i>Journal of Virology</i> , 2007, 81, 872-883.	3.4	98
22	Fucosylated oligosaccharides in mother's milk alleviate the effects of caesarean birth on infant gut microbiota. <i>Scientific Reports</i> , 2018, 8, 13757.	3.3	86
23	Intake of Whole-Grain and Fiber-Rich Rye Bread Versus Refined Wheat Bread Does Not Differentiate Intestinal Microbiota Composition in Finnish Adults with Metabolic Syndrome. <i>Journal of Nutrition</i> , 2013, 143, 648-655.	2.9	85
24	Association of Early-Life Antibiotic Use and Protective Effects of Breastfeeding. <i>JAMA Pediatrics</i> , 2016, 170, 750.	6.2	76
25	Intestinal Microbiota Signatures Associated With Histological Liver Steatosis in Pediatric-Onset Intestinal Failure. <i>Journal of Parenteral and Enteral Nutrition</i> , 2017, 41, 238-248.	2.6	75
26	Colonic metaproteomic signatures of active bacteria and the host in obesity. <i>Proteomics</i> , 2015, 15, 3544-3552.	2.2	70
27	Faecal Metaproteomic Analysis Reveals a Personalized and Stable Functional Microbiome and Limited Effects of a Probiotic Intervention in Adults. <i>PLoS ONE</i> , 2016, 11, e0153294.	2.5	70
28	The Effect of Allogenic Versus Autologous Fecal Microbiota Transfer on Symptoms, Visceral Perception and Fecal and Mucosal Microbiota in Irritable Bowel Syndrome: A Randomized Controlled Study. <i>Clinical and Translational Gastroenterology</i> , 2019, 10, e00034.	2.5	70
29	<i>Lactobacillus rhamnosus</i> GG Intake Modifies Preschool Children's Intestinal Microbiota, Alleviates Penicillin-Associated Changes, and Reduces Antibiotic Use. <i>PLoS ONE</i> , 2016, 11, e0154012.	2.5	62
30	Microbial signatures in post-infectious irritable bowel syndrome – toward patient stratification for improved diagnostics and treatment. <i>Gut Microbes</i> , 2015, 6, 364-369.	9.8	51
31	Antibiotics in early life associate with specific gut microbiota signatures in a prospective longitudinal infant cohort. <i>Pediatric Research</i> , 2020, 88, 438-443.	2.3	51
32	Early-life gut microbiota and its connection to metabolic health in children: Perspective on ecological drivers and need for quantitative approach. <i>EBioMedicine</i> , 2021, 69, 103475.	6.1	47
33	Comparative analysis of vaginal microbiota sampling using 16S rRNA gene analysis. <i>PLoS ONE</i> , 2017, 12, e0181477.	2.5	46
34	Intestinal Microbiota in Hirschsprung Disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018, 67, 594-600.	1.8	36
35	Bacterial and Fungal Profiles as Markers of Infliximab Drug Response in Inflammatory Bowel Disease. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 1019-1031.	1.3	34
36	Vaginal Microbiota Composition Correlates Between Pap Smear Microscopy and Next Generation Sequencing and Associates to Socioeconomic Status. <i>Scientific Reports</i> , 2019, 9, 7750.	3.3	32

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37	Gut microbiota predicts body fat change following a low-energy diet: a PREVIEW intervention study. <i>Genome Medicine</i> , 2022, 14, .	8.2	32
38	Gut microbiota develop towards an adult profile in a sex-specific manner during puberty. <i>Scientific Reports</i> , 2021, 11, 23297.	3.3	31
39	Impact of short-term overfeeding of saturated or unsaturated fat or sugars on the gut microbiota in relation to liver fat in obese and overweight adults. <i>Clinical Nutrition</i> , 2021, 40, 207-216.	5.0	28
40	Cohort profile: Finnish Health and Early Life Microbiota (HELMi) longitudinal birth cohort. <i>BMJ Open</i> , 2019, 9, e028500.	1.9	25
41	Vaginal microbiota in pregnancy: Role in induction of labor and seeding the neonate's microbiota?. <i>Journal of Biosciences</i> , 2019, 44, 1.	1.1	19
42	Parity and gestational age are associated with vaginal microbiota composition in term and late term pregnancies. <i>EBioMedicine</i> , 2022, 81, 104107.	6.1	18
43	Microbial functionality in the human intestinal tract. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 3074.	3.0	17
44	Considerations for the design and conduct of human gut microbiota intervention studies relating to foods. <i>European Journal of Nutrition</i> , 2020, 59, 3347-3368.	3.9	17
45	Randomised clinical trial: effect of low-FODMAP rye bread versus regular rye bread on the intestinal microbiota of irritable bowel syndrome patients: association with individual symptom variation. <i>BMC Nutrition</i> , 2019, 5, 12.	1.6	15
46	Does Day-to-Day Variability in Stool Consistency Link to the Fecal Microbiota Composition?. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 639667.	3.9	11
47	The Effect of Antibiotics on the Infant Gut Fungal Microbiota. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 328.	3.5	11
48	Personalized approach to childhood obesity: Lessons from gut microbiota and omics studies. Narrative review and insights from the 29th European childhood obesity congress. <i>Pediatric Obesity</i> , 2021, 16, e12835.	2.8	10
49	Gut microbiota can utilize prebiotic birch glucuronoxylan in production of short-chain fatty acids in rats. <i>Food and Function</i> , 2022, 13, 3746-3759.	4.6	10
50	Potential pathobionts in vaginal microbiota are affected by fish oil and/or probiotics intervention in overweight and obese pregnant women. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112841.	5.6	9
51	Protocol for oral transplantation of maternal fecal microbiota to newborn infants born by cesarean section. <i>STAR Protocols</i> , 2021, 2, 100271.	1.2	7
52	Vaginal microbiota in pregnancy: Role in induction of labor and seeding the neonate's microbiota?. <i>Journal of Biosciences</i> , 2019, 44, .	1.1	7
53	Commentary: How to Count Our Microbes? The Effect of Different Quantitative Microbiome Profiling Approaches. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 627910.	3.9	6
54	Fecal Bacteria Implicated in Biofilm Production Are Enriched and Associate to Gastrointestinal Symptoms in Patients With APECED – A Pilot Study. <i>Frontiers in Immunology</i> , 2021, 12, 668219.	4.8	6

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55	In vitro Effects of Bacterial Exposure on Secretion of Zonulin Family Peptides and Their Detection in Human Tissue Samples. <i>Frontiers in Microbiology</i> , 2022, 13, 848128.	3.5	5
56	The gut fungal and bacterial microbiota in pediatric patients with inflammatory bowel disease introduced to treatment with anti-tumor necrosis factor- α . <i>Scientific Reports</i> , 2022, 12, 6654.	3.3	5
57	Fecal microbiota in congenital chloride diarrhea and inflammatory bowel disease. <i>PLoS ONE</i> , 2022, 17, e0269561.	2.5	5
58	Science, innovation and society. <i>EFSA Journal</i> , 2016, 14, e00502.	1.8	1