Alain Stintzi

List of Publications by Year in Descending Order

75 papers	2,196 citations	26 h-index	45 g-index
83 ext. papers	3,128 ext. citations	6.6 avg, IF	5.07 L-index

#	Paper	IF	Citations
75	Evaluating live microbiota biobanking using an microbiome assay and metaproteomics.. *Gut Microbes*, **2022**, 14, 2035658	8.8	2
74	"The Rest of my Childhood was Lost": Canadian Children and AdolescentsVExperiences Navigating Inflammatory Bowel Disease. *Qualitative Health Research*, **2021**, 10497323211046577	3.9	
73	Maternal Diet and Infant Feeding Practices Are Associated with Variation in the Human Milk Microbiota at 3 Months Postpartum in a Cohort of Women with High Rates of Gestational Glucose Intolerance. *Journal of Nutrition*, **2021**, 151, 320-329	4.1	10
72	Factors contributing to fidelity in a pilot trial of individualized resistant starches for pediatric inflammatory bowel disease: a fidelity study protocol. *Pilot and Feasibility Studies*, **2021**, 7, 75	1.9	
71	Examining the Effects of an Anti-Salmonella Bacteriophage Preparation, BAFASAL, on Ex-Vivo Human Gut Microbiome Composition and Function Using a Multi-Omics Approach. *Viruses*, **2021**, 13,	6.2	1
70	Critical appraisal of the mechanisms of gastrointestinal and hepatobiliary infection by COVID-19. *American Journal of Physiology - Renal Physiology*, **2021**, 321, G99-G112	5.1	4
69	Oligosaccharides and Microbiota in Human Milk Are Interrelated at 3 Months Postpartum in a Cohort of Women with a High Prevalence of Gestational Impaired Glucose Tolerance. *Journal of Nutrition*, **2021**, 151, 3431-3441	4.1	0
68	Elevated colonic microbiota-associated paucimannosidic and truncated N-glycans in pediatric ulcerative colitis. *Journal of Proteomics*, **2021**, 249, 104369	3.9	2
67	Resistant starch, microbiome, and precision modulation. *Gut Microbes*, **2021**, 13, 1926842	8.8	6
66	Tolerability and short-chains fatty acids production after resistant starch supplementation in humans: A systematic review of randomized controlled studies. *American Journal of Clinical Nutrition*, **2021**,	7	4
65	The effects of resistant starches on inflammatory bowel disease in preclinical and clinical settings: a systematic review and meta-analysis. *BMC Gastroenterology*, **2020**, 20, 372	3	7
64	Berberine and its structural analogs have differing effects on functional profiles of individual gut microbiomes. *Gut Microbes*, **2020**, 11, 1348-1361	8.8	15
63	Binding of Phage-Encoded FlaGrab to Motile Flagella Inhibits Growth, Downregulates Energy Metabolism, and Requires Specific Flagellar Glycans. *Frontiers in Microbiology*, **2020**, 11, 397	5.7	5
62	RapidAIM: a culture- and metaproteomics-based Rapid Assay of Individual Microbiome responses to drugs. *Microbiome*, **2020**, 8, 33	16.6	39
61	The gastrointestinal pathogen Campylobacter jejuni metabolizes sugars with potential help from commensal Bacteroides vulgatus. *Communications Biology*, **2020**, 3, 2	6.7	14
60	Characterization of gastrointestinal pathologies in the dystonia musculorum mouse model for hereditary sensory and autonomic neuropathy type VI. *Neurogastroenterology and Motility*, **2020**, 32, e13773	4	
59	Examining the relationship between maternal body size, gestational glucose tolerance status, mode of delivery and ethnicity on human milk microbiota at three months post-partum. *BMC Microbiology*, **2020**, 20, 219	4.5	7

58	Widespread protein lysine acetylation in gut microbiome and its alterations in patients with Crohn\ disease. *Nature Communications*, **2020**, 11, 4120	17.4	15
57	Virome Sequencing of the Human Intestinal Mucosal-Luminal Interface. *Frontiers in Cellular and Infection Microbiology*, **2020**, 10, 582187	5.9	4
56	Mothers of Preterm Infants Have Individualized Breast Milk Microbiota that Changes Temporally Based on Maternal Characteristics. *Cell Host and Microbe*, **2020**, 28, 669-682.e4	23.4	16
55	Bovine Lactoferrin Supplementation Does Not Disrupt Microbiota Development in Preterm Infants Receiving Probiotics. *Journal of Pediatric Gastroenterology and Nutrition*, **2020**, 71, 216-222	2.8	3
54	A functional ecological network based on metaproteomics responses of individual gut microbiomes to resistant starches. *Computational and Structural Biotechnology Journal*, **2020**, 18, 3833-3842	6.8	4
53	An in vitro model maintaining taxon-specific functional activities of the gut microbiome. *Nature Communications*, **2019**, 10, 4146	17.4	30
52	Purification and characterization of Campylobacter jejuni ferric uptake regulator. *BioMetals*, **2019**, 32, 491-500	3.4	2
51	The impact of probiotics and lactoferrin supplementation on piglet gastrointestinal microbial communities. *BioMetals*, **2019**, 32, 533-543	3.4	11
50	The mucosal-luminal interface: an ideal sample to study the mucosa-associated microbiota and the intestinal microbial biogeography. *Pediatric Research*, **2019**, 85, 895-903	3.2	17
49	Dietary strategies and food practices of pediatric patients, and their parents, living with inflammatory bowel disease: a qualitative interview study. *International Journal of Qualitative Studies on Health and Well-being*, **2019**, 14, 1648945	2	4
48	Advancing functional and translational microbiome research using meta-omics approaches. *Microbiome*, **2019**, 7, 154	16.6	84
47	Blenderized Enteral Nutrition Diet Study: Feasibility, Clinical, and Microbiome Outcomes of Providing Blenderized Feeds Through a Gastric Tube in a Medically Complex Pediatric Population. *Journal of Parenteral and Enteral Nutrition*, **2018**, 42, 1046-1060	4.2	38
46	Mucosal-luminal interface proteomics reveals biomarkers of pediatric inflammatory bowel disease-associated colitis. *American Journal of Gastroenterology*, **2018**, 113, 713-724	0.7	15
45	Independent of Birth Mode or Gestational Age, Very-Low-Birth-Weight Infants Fed Their MothersV Milk Rapidly Develop Personalized Microbiotas Low in Bifidobacterium. *Journal of Nutrition*, **2018**, 148, 326-335	4.1	14
44	Children\ perspectives on the benefits and burdens of research participation. *AJOB Empirical Bioethics*, **2018**, 9, 19-28	3	10
43	Human Microbiome and Learning Healthcare Systems: Integrating Research and Precision Medicine for Inflammatory Bowel Disease. *OMICS A Journal of Integrative Biology*, **2018**, 22, 119-126	3.8	9
42	Assessing the impact of protein extraction methods for human gut metaproteomics. *Journal of Proteomics*, **2018**, 180, 120-127	3.9	58
41	Variation on a theme: investigating the structural repertoires used by ferric uptake regulators to control gene expression. *BioMetals*, **2018**, 31, 681-704	3.4	18

40	Transcriptomic Analysis of the Response to T4-Like Phage NCTC 12673 Infection. *Viruses*, **2018**, 10,	6.2	28
39	Disruption of maternal gut microbiota during gestation alters offspring microbiota and immunity. *Microbiome*, **2018**, 6, 124	16.6	61
38	Metaproteomics reveals associations between microbiome and intestinal extracellular vesicle proteins in pediatric inflammatory bowel disease. *Nature Communications*, **2018**, 9, 2873	17.4	120
37	Functional insights into the interplay between DNA interaction and metal coordination in ferric uptake regulators. *Scientific Reports*, **2018**, 8, 7140	4.9	11
36	Evaluating in Vitro Culture Medium of Gut Microbiome with Orthogonal Experimental Design and a Metaproteomics Approach. *Journal of Proteome Research*, **2018**, 17, 154-163	5.6	26
35	Crystal structure of Campylobacter jejuni peroxide regulator. *FEBS Letters*, **2018**, 592, 2351-2360	3.8	6
34	Low temperature MBBR nitrification: Microbiome analysis. *Water Research*, **2017**, 111, 224-233	12.5	85
33	Rapid start-up of nitrifying MBBRs at low temperatures: nitrification, biofilm response and microbiome analysis. *Bioprocess and Biosystems Engineering*, **2017**, 40, 731-739	3.7	24
32	Post carbon removal nitrifying MBBR operation at high loading and exposure to starvation conditions. *Bioresource Technology*, **2017**, 239, 318-325	11	6
31	NuA4 Lysine Acetyltransferase Complex Contributes to Phospholipid Homeostasis in. *G3: Genes, Genomes, Genetics*, **2017**, 7, 1799-1809	3.2	4
30	MetaLab: an automated pipeline for metaproteomic data analysis. *Microbiome*, **2017**, 5, 157	16.6	71
29	Deep Metaproteomics Approach for the Study of Human Microbiomes. *Analytical Chemistry*, **2017**, 89, 9407-9415	7.8	54
28	Proteomic analysis of ascending colon biopsies from a paediatric inflammatory bowel disease inception cohort identifies protein biomarkers that differentiate Crohn\x8 disease from UC. *Gut*, **2017**, 66, 1573-1583	19.2	50
27	Using Galleria mellonella as an Infection Model for Campylobacter jejuni Pathogenesis. *Methods in Molecular Biology*, **2017**, 1512, 163-169	1.4	4
26	Analyzing Prokaryotic RNA-Seq Data: A Case Study Identifying Holo-Fur Regulated Genes in Campylobacter jejuni. *Methods in Molecular Biology*, **2017**, 1512, 245-256	1.4	
25	Stress Responses, Adaptation, and Virulence of Bacterial Pathogens During Host Gastrointestinal Colonization **2016**, 385-411		
24	Altered intestinal microbiota-host mitochondria crosstalk in new onset Crohn\x8 disease. *Nature Communications*, **2016**, 7, 13419	17.4	189
23	In Vitro Metabolic Labeling of Intestinal Microbiota for Quantitative Metaproteomics. *Analytical Chemistry*, **2016**, 88, 6120-5	7.8	32

22	MetaPro-IQ: a universal metaproteomic approach to studying human and mouse gut microbiota. *Microbiome*, **2016**, 4, 31	16.6	105
21	Meso and micro-scale response of post carbon removal nitrifying MBBR biofilm across carrier type and loading. *Water Research*, **2016**, 91, 235-43	12.5	36
20	The Campylobacter jejuni Ferric Uptake Regulator Promotes Acid Survival and Cross-Protection against Oxidative Stress. *Infection and Immunity*, **2016**, 84, 1287-1300	3.7	19
19	Pilot-scale tertiary MBBR nitrification at 1 C: characterization of ammonia removal rate, solids settleability and biofilm characteristics. *Environmental Technology (United Kingdom)*, **2016**, 37, 2124-32	2.6	23
18	L-fucose influences chemotaxis and biofilm formation in Campylobacter jejuni. *Molecular Microbiology*, **2016**, 101, 575-89	4.1	43
17	Mucosa-Associated Ileal Microbiota in New-Onset Pediatric Crohn's Disease. *Inflammatory Bowel Diseases*, **2016**, 22, 1533-9	4.5	32
16	Stress Responses, Adaptation, and Virulence of Bacterial Pathogens During Host Gastrointestinal Colonization. *Microbiology Spectrum*, **2016**, 4,	8.9	14
15	Oxidative and nitrosative stress defences of Helicobacter and Campylobacter species that counteract mammalian immunity. *FEMS Microbiology Reviews*, **2016**, 40, 938-960	15.1	26
14	Cj1386, an atypical hemin-binding protein, mediates hemin trafficking to KatA in Campylobacter jejuni. *Journal of Bacteriology*, **2015**, 197, 1002-11	3.5	6
13	Refined analysis of the Campylobacter jejuni iron-dependent/independent Fur- and PerR-transcriptomes. *BMC Genomics*, **2015**, 16, 498	4.5	26
12	Cathelicidin Antimicrobial Peptide: A Novel Regulator of Islet Function, Islet Regeneration, and Selected Gut Bacteria. *Diabetes*, **2015**, 64, 4135-47	0.9	39
11	Gut microbiota of the very-low-birth-weight infant. *Pediatric Research*, **2015**, 77, 205-13	3.2	53
10	Biofilm spatial organization by the emerging pathogen Campylobacter jejuni: comparison between NCTC 11168 and 81-176 strains under microaerobic and oxygen-enriched conditions. *Frontiers in Microbiology*, **2015**, 6, 709	5.7	44
9	Iron Metabolism, Transport, and Regulation **2014**, 591-610		13
8	Biological roles of the O-methyl phosphoramidate capsule modification in Campylobacter jejuni. *PLoS ONE*, **2014**, 9, e87051	3.7	41
7	Phenotypic screening of a targeted mutant library reveals Campylobacter jejuni defenses against oxidative stress. *Infection and Immunity*, **2014**, 82, 2266-75	3.7	30
6	Inactivation of the LysR regulator Cj1000 of Campylobacter jejuni affects host colonization and respiration. *Microbiology (United Kingdom)*, **2013**, 159, 1165-1178	2.9	16
5	Identification of adaptive mutations in the influenza A virus non-structural 1 gene that increase cytoplasmic localization and differentially regulate host gene expression. *PLoS ONE*, **2013**, 8, e84673	3.7	10

4	Citrate-mediated iron uptake in Pseudomonas aeruginosa: involvement of the citrate-inducible FecA receptor and the FeoB ferrous iron transporter. *Microbiology (United Kingdom)*, **2009**, 155, 305-315	2.9	66
3	Characterization of the oxidative stress stimulon and PerR regulon of Campylobacter jejuni. *BMC Genomics*, **2009**, 10, 481	4.5	114
2	Iron acquisition and regulation in Campylobacter jejuni. *Journal of Bacteriology*, **2004**, 186, 4714-29	3.5	196
1	RapidAIM: A culture- and metaproteomics-based Rapid Assay of Individual Microbiome responses to drugs		2