

# Steven A Frese

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

2,614  
citations

279798

23  
h-index

377865

34  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2989  
citing authors

#	ARTICLE	IF	CITATIONS
1	Early probiotic supplementation with <i>B. infantis</i> in breastfed infants leads to persistent colonization at 1 year. <i>Pediatric Research</i> , 2022, 91, 627-636.	2.3	31
2	<i>Bifidobacterium longum</i> Subspecies <i>infantis</i> Strain EVC001 Decreases Neonatal Murine Necrotizing Enterocolitis. <i>Nutrients</i> , 2022, 14, 495.	4.1	8
3	Diarrhea, Dysbiosis, Dysfunction, and the Disastrous Global Health Consequences: Piecing the Puzzle Together. <i>American Journal of Gastroenterology</i> , 2022, 117, 98-99.	0.4	0
4	<i>Bifidobacterium infantis</i> treatment promotes weight gain in Bangladeshi infants with severe acute malnutrition. <i>Science Translational Medicine</i> , 2022, 14, eabk1107.	12.4	61
5	Metagenomic insights of the infant microbiome community structure and function across multiple sites in the United States. <i>Scientific Reports</i> , 2021, 11, 1472.	3.3	37
6	Impact of Probiotic <i>B. infantis</i> EVC001 Feeding in Premature Infants on the Gut Microbiome, Nosocomially Acquired Antibiotic Resistance, and Enteric Inflammation. <i>Frontiers in Pediatrics</i> , 2021, 9, 618009.	1.9	38
7	Potential Applications of Endo- $\beta$ -N-Acetylglucosaminidases From <i>Bifidobacterium longum</i> Subspecies <i>infantis</i> in Designing Value-Added, Next-Generation Infant Formulas. <i>Frontiers in Nutrition</i> , 2021, 8, 646275.	3.7	11
8	Recombinant Production of Bifidobacterial Endoglycosidases for N-glycan Release. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	2
9	<i>Bifidobacteria</i> -mediated immune system imprinting early in life. <i>Cell</i> , 2021, 184, 3884-3898.e11.	28.9	312
10	Production of Bovine Colostrum for Human Consumption to Improve Health. <i>Frontiers in Pharmacology</i> , 2021, 12, 796824.	3.5	15
11	Determining Total Protein and Bioactive Protein Concentrations in Bovine Colostrum. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	4
12	Comparative Genome Analysis of <i>Bifidobacterium longum</i> subsp. <i>infantis</i> Strains Reveals Variation in Human Milk Oligosaccharide Utilization Genes among Commercial Probiotics. <i>Nutrients</i> , 2020, 12, 3247.	4.1	46
13	Structural insights of two novel N-acetyl-glucosaminidase enzymes through in silico methods. <i>Turkish Journal of Chemistry</i> , 2020, 44, 1703-1712.	1.2	6
14	Integrating the Ecosystem Services Framework to Define Dysbiosis of the Breastfed Infant Gut: The Role of <i>B. infantis</i> and Human Milk Oligosaccharides. <i>Frontiers in Nutrition</i> , 2020, 7, 33.	3.7	39
15	Early-life gut microbiome modulation reduces the abundance of antibiotic-resistant bacteria. <i>Antimicrobial Resistance and Infection Control</i> , 2019, 8, 131.	4.1	63
16	N-glycans from human milk glycoproteins are selectively released by an infant gut symbiont in vivo. <i>Journal of Functional Foods</i> , 2019, 61, 103485.	3.4	17
17	Colonization by <i>B. infantis</i> EVC001 modulates enteric inflammation in exclusively breastfed infants. <i>Pediatric Research</i> , 2019, 86, 749-757.	2.3	78
18	GenCoF: a graphical user interface to rapidly remove human genome contaminants from metagenomic datasets. <i>Bioinformatics</i> , 2019, 35, 2318-2319.	4.1	28

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19	Elevated Fecal pH Indicates a Profound Change in the Breastfed Infant Gut Microbiome Due to Reduction of <i>Bifidobacterium</i> over the Past Century. <i>MSphere</i> , 2018, 3, .	2.9	106
20	Reduced colonic mucin degradation in breastfed infants colonized by <i>Bifidobacterium longum</i> subsp. <i>infantis</i> EVC001. <i>FEBS Open Bio</i> , 2018, 8, 1649-1657.	2.3	38
21	Thoroughbred mare's milk exhibits a unique and diverse free oligosaccharide profile. <i>FEBS Open Bio</i> , 2018, 8, 1219-1229.	2.3	14
22	Colonization of breastfed infants by <i>Bifidobacterium longum</i> subsp. <i>infantis</i> EVC001 reduces virulence gene abundance. <i>Human Microbiome Journal</i> , 2018, 9, 7-10.	3.8	28
23	Personalizing protein nourishment. <i>Critical Reviews in Food Science and Nutrition</i> , 2017, 57, 3313-3331.	10.3	65
24	Experimental Evaluation of Host Adaptation of <i>Lactobacillus reuteri</i> to Different Vertebrate Species. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	87
25	Persistence of Supplemented <i>Bifidobacterium longum</i> subsp. <i>infantis</i> EVC001 in Breastfed Infants. <i>MSphere</i> , 2017, 2, .	2.9	158
26	Characterization of the ecological role of genes mediating acid resistance in <i>Lactobacillus reuteri</i> during colonization of the gastrointestinal tract. <i>Environmental Microbiology</i> , 2016, 18, 2172-2184.	3.8	34
27	Oligosaccharides Released from Milk Glycoproteins Are Selective Growth Substrates for Infant-Associated <i>Bifidobacteria</i> . <i>Applied and Environmental Microbiology</i> , 2016, 82, 3622-3630.	3.1	124
28	Peptidomic analysis reveals proteolytic activity of kefir microorganisms on bovine milk proteins. <i>Food Chemistry</i> , 2016, 197, 273-284.	8.2	103
29	Should Infants Cry Over Spilled Milk? Fecal Glycomics as an Indicator of a Healthy Infant Gut Microbiome. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2015, 60, 695-695.	1.8	4
30	A novel endo- $\beta$ -N-acetylglucosaminidase releases specific N-glycans depending on different reaction conditions. <i>Biotechnology Progress</i> , 2015, 31, 1323-1330.	2.6	20
31	Birth of the Infant Gut Microbiome: Moms Deliver Twice!. <i>Cell Host and Microbe</i> , 2015, 17, 543-544.	11.0	15
32	<i>In Vivo</i> Selection To Identify Bacterial Strains with Enhanced Ecological Performance in Synbiotic Applications. <i>Applied and Environmental Microbiology</i> , 2015, 81, 2455-2465.	3.1	47
33	Cultivating Healthy Growth and Nutrition through the Gut Microbiota. <i>Cell</i> , 2015, 161, 36-48.	28.9	155
34	Diet shapes the gut microbiome of pigs during nursing and weaning. <i>Microbiome</i> , 2015, 3, 28.	11.1	387
35	Molecular Characterization of Host-Specific Biofilm Formation in a Vertebrate Gut Symbiont. <i>PLoS Genetics</i> , 2013, 9, e1004057.	3.5	162
36	The Evolution of Host Specialization in the Vertebrate Gut Symbiont <i>Lactobacillus reuteri</i> . <i>PLoS Genetics</i> , 2011, 7, e1001314.	3.5	270