Laurie E Comstock

List of Publications by Citations

43 papers	2,078 citations	20 h-index	45 g-index
46 ext. papers	2,647 ext. citations	14.2 avg, IF	5.47 L-index

#	Paper	IF	Citations
43	The Host Shapes the Gut Microbiota via Fecal MicroRNA. *Cell Host and Microbe*, **2016**, 19, 32-43	23.4	394
42	Extensive surface diversity of a commensal microorganism by multiple DNA inversions. *Nature*, **2001**, 414, 555-8	50.4	251
41	An ecological network of polysaccharide utilization among human intestinal symbionts. *Current Biology*, **2014**, 24, 40-49	6.3	240
40	Bacterial glycans: key mediators of diverse host immune responses. *Cell*, **2006**, 126, 847-50	56.2	141
39	Bacterial antagonism in host-associated microbial communities. *Science*, **2018**, 361,	33.3	128
38	Bacteroides fragilis type VI secretion systems use novel effector and immunity proteins to antagonize human gut Bacteroidales species. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 3627-32	11.5	123
37	Type VI secretion systems of human gut Bacteroidales segregate into three genetic architectures, two of which are contained on mobile genetic elements. *BMC Genomics*, **2016**, 17, 58	4.5	91
36	Longitudinal analysis of the prevalence, maintenance, and IgA response to species of the order Bacteroidales in the human gut. *Infection and Immunity*, **2011**, 79, 2012-20	3.7	88
35	Evidence of extensive DNA transfer between bacteroidales species within the human gut. *MBio*, **2014**, 5, e01305-14	7.8	84
34	Importance of glycans to the host-bacteroides mutualism in the mammalian intestine. *Cell Host and Microbe*, **2009**, 5, 522-6	23.4	79
33	Bacteroides thetaiotaomicron: a dynamic, niche-adapted human symbiont. *BioEssays*, **2003**, 25, 926-9	4.1	71
32	An antimicrobial protein of the gut symbiont Bacteroides fragilis with a MACPF domain of host immune proteins. *Molecular Microbiology*, **2014**, 94, 1361-74	4.1	51
31	Bacteroidales Secreted Antimicrobial Proteins Target Surface Molecules Necessary for Gut Colonization and Mediate Competition In Vivo. *MBio*, **2016**, 7,	7.8	44
30	Phylum-wide general protein O-glycosylation system of the Bacteroidetes. *Molecular Microbiology*, **2013**, 88, 772-83	4.1	44
29	Bacteroides fragilis NCTC9343 produces at least three distinct capsular polysaccharides: cloning, characterization, and reassignment of polysaccharide B and C biosynthesis loci. *Infection and Immunity*, **2000**, 68, 6176-81	3.7	42
28	Streamlined Genetic Manipulation of Diverse and Isolates from the Human Gut Microbiota. *MBio*, **2019**, 10,	7.8	34
27	Type VI Secretion Systems and the Gut Microbiota. *Microbiology Spectrum*, **2019**, 7,	8.9	33

26	Gut Symbiont Secretes a Eukaryotic-Like Ubiquitin Protein That Mediates Intraspecies Antagonism. *MBio*, **2017**, 8,	7.8	25
25	The evolution of the type VI secretion system as a disintegration weapon. *PLoS Biology*, **2020**, 18, e3000720	9.7	24
24	A family of anti-Bacteroidales peptide toxins wide-spread in the human gut microbiota. *Nature Communications*, **2019**, 10, 3460	17.4	22
23	Acquisition of MACPF domain-encoding genes is the main contributor to LPS glycan diversity in gut Bacteroides species. *ISME Journal*, **2018**, 12, 2919-2928	11.9	11
22	Genetic and Biochemical Analysis of Anaerobic Respiration in Bacteroides fragilis and Its Importance. *MBio*, **2020**, 11,	7.8	10
21	Identification of a Fifth Antibacterial Toxin Produced by a Single Bacteroides fragilis Strain. *Journal of Bacteriology*, **2019**, 201,	3.5	9
20	Mobile Type VI secretion system loci of the gut Bacteroidales display extensive intra-ecosystem transfer, multi-species spread and geographical clustering. *PLoS Genetics*, **2021**, 17, e1009541	6	7
19	The evolution of tit-for-tat in bacteria via the type VI secretion system. *Nature Communications*, **2020**, 11, 5395	17.4	5
18	Nanaerobic growth enables direct visualization of dynamic cellular processes in human gut symbionts. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 24484-24493	11.5	5
17	Small RNAs Repress Expression of Polysaccharide Utilization Loci of Gut Bacteroides Species. *Journal of Bacteriology*, **2016**, 198, 2396-8	3.5	4
16	Friend turned foe: a role for bacterial sulfatases in colitis. *Cell Host and Microbe*, **2015**, 17, 540-1	23.4	3
15	Analysis of a phase-variable restriction modification system of the human gut symbiont Bacteroides fragilis. *Nucleic Acids Research*, **2020**, 48, 11040-11053	20.1	2
14	Genetic Diversity of the Capsular Polysaccharide C Biosynthesis Region of Bacteroides fragilis. *Infection and Immunity*, **2000**, 68, 6182-6188	3.7	2
13	A New Pillar in Pilus Assembly. *Cell*, **2016**, 165, 520-1	56.2	2
12	Abscesses397-408		1
11	Utilizing Ribose Compounds: How Bacteroides PUL It Off. *Cell Host and Microbe*, **2020**, 27, 6-8	23.4	1
10	Type VI Secretion Systems and the Gut Microbiota **2019**, 343-350		1
9	Bacteroides fragilis NCTC9343 Produces at Least Three Distinct Capsular Polysaccharides: Cloning, Characterization, and Reassignment of Polysaccharide B and C Biosynthesis Loci. *Infection and Immunity*, **2000**, 68, 6176-6181	3.7	0

8	Bacteroidetocins Target the Essential Outer Membrane Protein BamA of Symbionts and Pathogens. *MBio*, **2021**, 12, e0228521	7.8	0
7	Characterization of Mucosally Associated Bacteroidales From Pediatric Subjects With Inflammatory Bowel Disease. *Inflammatory Bowel Diseases*, **2012**, 18, S116	4.5	
6	The evolution of the type VI secretion system as a disintegration weapon **2020**, 18, e3000720		
5	The evolution of the type VI secretion system as a disintegration weapon **2020**, 18, e3000720		
4	The evolution of the type VI secretion system as a disintegration weapon **2020**, 18, e3000720		
3	The evolution of the type VI secretion system as a disintegration weapon **2020**, 18, e3000720		
2	The evolution of the type VI secretion system as a disintegration weapon **2020**, 18, e3000720		
1	The evolution of the type VI secretion system as a disintegration weapon **2020**, 18, e3000720		