Vincent B Young

List of Publications by Citations

219 papers	17,795 citations	75 h-index	130 g-index
265 ext. papers	22,022 ext. citations	7.4 avg, IF	7.14 L-index

#	Paper	IF	Citations
219	A Dietary Fiber-Deprived Gut Microbiota Degrades the Colonic Mucus Barrier and Enhances Pathogen Susceptibility. *Cell*, **2016**, 167, 1339-1353.e21	56.2	1149
218	Decreased diversity of the fecal Microbiome in recurrent Clostridium difficile-associated diarrhea. *Journal of Infectious Diseases*, **2008**, 197, 435-8	7	764
217	The gut microbiome in health and in disease. *Current Opinion in Gastroenterology*, **2015**, 31, 69-75	3	721
216	Analysis of the lung microbiome in the "healthy" smoker and in COPD. *PLoS ONE*, **2011**, 6, e16384	3.7	614
215	Antibiotic-induced shifts in the mouse gut microbiome and metabolome increase susceptibility to Clostridium difficile infection. *Nature Communications*, **2014**, 5, 3114	17.4	568
214	Comparison of the respiratory microbiome in healthy nonsmokers and smokers. *American Journal of Respiratory and Critical Care Medicine*, **2013**, 187, 1067-75	10.2	501
213	Defining a healthy human gut microbiome: current concepts, future directions, and clinical applications. *Cell Host and Microbe*, **2012**, 12, 611-22	23.4	448
212	Decade-long bacterial community dynamics in cystic fibrosis airways. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 5809-14	11.5	431
211	Analysis of the upper respiratory tract microbiotas as the source of the lung and gastric microbiotas in healthy individuals. *MBio*, **2015**, 6, e00037	7.8	429
210	Reproducible community dynamics of the gastrointestinal microbiota following antibiotic perturbation. *Infection and Immunity*, **2009**, 77, 2367-75	3.7	418
209	Gut microbiome-derived metabolites modulate intestinal epithelial cell damage and mitigate graft-versus-host disease. *Nature Immunology*, **2016**, 17, 505-513	19.1	366
208	Role of the intestinal microbiota in resistance to colonization by Clostridium difficile. *Gastroenterology*, **2014**, 146, 1547-53	13.3	266
207	From structure to function: the ecology of host-associated microbial communities. *Microbiology and Molecular Biology Reviews*, **2010**, 74, 453-76	13.2	251
206	Antibiotic-associated diarrhea accompanied by large-scale alterations in the composition of the fecal microbiota. *Journal of Clinical Microbiology*, **2004**, 42, 1203-6	9.7	241
205	The role of the microbiome in human health and disease: an introduction for clinicians. *BMJ, The*, **2017**, 356, j831	5.9	238
204	Application of a neutral community model to assess structuring of the human lung microbiome. *MBio*, **2015**, 6,	7.8	237
203	The microbiome of the lung. *Translational Research*, **2012**, 160, 258-66	11	236

202	Alteration of the murine gut microbiota during infection with the parasitic helminth Heligmosomoides polygyrus. *Inflammatory Bowel Diseases*, **2010**, 16, 1841-9	4.5	236
201	Persistence and toxin production by Clostridium difficile within human intestinal organoids result in disruption of epithelial paracellular barrier function. *Infection and Immunity*, **2015**, 83, 138-45	3.7	219
200	Antibiotic-Induced Alterations of the Gut Microbiota Alter Secondary Bile Acid Production and Allow for Clostridium difficile Spore Germination and Outgrowth in the Large Intestine. *MSphere*, **2016**, 1,	5	216
199	Recovery of the gut microbiome following fecal microbiota transplantation. *MBio*, **2014**, 5, e00893-14	7.8	209
198	Suppression of Clostridium difficile in the gastrointestinal tracts of germfree mice inoculated with a murine isolate from the family Lachnospiraceae. *Infection and Immunity*, **2012**, 80, 3786-94	3.7	201
197	The interplay between microbiome dynamics and pathogen dynamics in a murine model of Clostridium difficile Infection. *Gut Microbes*, **2011**, 2, 145-58	8.8	192
196	Microbiome data distinguish patients with Clostridium difficile infection and non-C. difficile-associated diarrhea from healthy controls. *MBio*, **2014**, 5, e01021-14	7.8	185
195	Interaction between the intestinal microbiota and host in Clostridium difficile colonization resistance. *Trends in Microbiology*, **2012**, 20, 313-9	12.4	171
194	Candida albicans and bacterial microbiota interactions in the cecum during recolonization following broad-spectrum antibiotic therapy. *Infection and Immunity*, **2012**, 80, 3371-80	3.7	170
193	The gut microbiome composition associates with bipolar disorder and illness severity. *Journal of Psychiatric Research*, **2017**, 87, 23-29	5.2	167
192	Interactions Between the Gastrointestinal Microbiome and Clostridium difficile. *Annual Review of Microbiology*, **2015**, 69, 445-61	17.5	167
191	Changes in cystic fibrosis airway microbiota at pulmonary exacerbation. *Annals of the American Thoracic Society*, **2013**, 10, 179-87	4.7	161
190	Significance of the microbiome in obstructive lung disease. *Thorax*, **2012**, 67, 456-63	7.3	161
189	Evolutionary genetics of a new pathogenic Escherichia species: Escherichia albertii and related Shigella boydii strains. *Journal of Bacteriology*, **2005**, 187, 619-28	3.5	153
188	NLRP12 attenuates colon inflammation by maintaining colonic microbial diversity and promoting protective commensal bacterial growth. *Nature Immunology*, **2017**, 18, 541-551	19.1	151
187	Clostridium difficile ribotype does not predict severe infection. *Clinical Infectious Diseases*, **2012**, 55, 1661-8	11.6	144
186	Microbial ecology of the murine gut associated with the development of dextran sodium sulfate-induced colitis. *Inflammatory Bowel Diseases*, **2011**, 17, 917-26	4.5	143
185	Clostridium difficile and the microbiota. *Journal of Clinical Investigation*, **2014**, 124, 4182-9	15.9	142

184	The role of the microbiota in infectious diseases. *Nature Microbiology*, **2019**, 4, 35-45	26.6	142
183	Widespread colonization of the lung by Tropheryma whipplei in HIV infection. *American Journal of Respiratory and Critical Care Medicine*, **2013**, 187, 1110-7	10.2	140
182	Gut Microbiota and Colonization Resistance against Bacterial Enteric Infection. *Microbiology and Molecular Biology Reviews*, **2019**, 83,	13.2	126
181	Functional Characterization of Inflammatory Bowel Disease-Associated Gut Dysbiosis in Gnotobiotic Mice. *Cellular and Molecular Gastroenterology and Hepatology*, **2016**, 2, 468-481	7.9	123
180	Cytolethal distending toxin sequence and activity in the enterohepatic pathogen Helicobacter hepaticus. *Infection and Immunity*, **2000**, 68, 184-91	3.7	122
179	Antibiotic administration alters the community structure of the gastrointestinal micobiota. *Gut Microbes*, **2010**, 1, 279-284	8.8	117
178	The intestinal microbiota in health and disease. *Current Opinion in Gastroenterology*, **2012**, 28, 63-9	3	117
177	Cefoperazone-treated mice as an experimental platform to assess differential virulence of Clostridium difficile strains. *Gut Microbes*, **2011**, 2, 326-34	8.8	113
176	In vitro and in vivo characterization of Helicobacter hepaticus cytolethal distending toxin mutants. *Infection and Immunity*, **2004**, 72, 2521-7	3.7	113
175	Metabolic Model-Based Integration of Microbiome Taxonomic and Metabolomic Profiles Elucidates Mechanistic Links between Ecological and Metabolic Variation. *MSystems*, **2016**, 1,	7.6	108
174	Standard colonic lavage alters the natural state of mucosal-associated microbiota in the human colon. *PLoS ONE*, **2012**, 7, e32545	3.7	106
173	Perturbation of the small intestine microbial ecology by streptomycin alters pathology in a Salmonella enterica serovar typhimurium murine model of infection. *Infection and Immunity*, **2009**, 77, 2691-702	3.7	104
172	The nasal cavity microbiota of healthy adults. *Microbiome*, **2014**, 2, 27	16.6	103
171	Stress-induced corticotropin-releasing hormone-mediated NLRP6 inflammasome inhibition and transmissible enteritis in mice. *Gastroenterology*, **2013**, 144, 1478-87, 1487.e1-8	13.3	101
170	Dynamics and establishment of Clostridium difficile infection in the murine gastrointestinal tract. *Infection and Immunity*, **2015**, 83, 934-41	3.7	100
169	Multicenter Comparison of Lung and Oral Microbiomes of HIV-infected and HIV-uninfected Individuals. *American Journal of Respiratory and Critical Care Medicine*, **2015**, 192, 1335-44	10.2	97
168	Bacterial colonization stimulates a complex physiological response in the immature human intestinal epithelium. *ELife*, **2017**, 6,	8.9	97
167	Interplay between the gastric bacterial microbiota and Candida albicans during postantibiotic recolonization and gastritis. *Infection and Immunity*, **2012**, 80, 150-8	3.7	95

166	A gene-targeted approach to investigate the intestinal butyrate-producing bacterial community. *Microbiome*, **2013**, 1, 8	16.6	94
165	Comparison of stool versus rectal swab samples and storage conditions on bacterial community profiles. *BMC Microbiology*, **2017**, 17, 78	4.5	94
164	Clostridium difficile ribotype 027: relationship to age, detectability of toxins A or B in stool with rapid testing, severe infection, and mortality. *Clinical Infectious Diseases*, **2015**, 61, 233-41	11.6	93
163	Identification of cdtB homologues and cytolethal distending toxin activity in enterohepatic Helicobacter spp. *Journal of Medical Microbiology*, **2000**, 49, 525-534	3.2	93
162	C57BL/6 and congenic interleukin-10-deficient mice can serve as models of Campylobacter jejuni colonization and enteritis. *Infection and Immunity*, **2007**, 75, 1099-115	3.7	88
161	Stabilization of the murine gut microbiome following weaning. *Gut Microbes*, **2012**, 3, 383-93	8.8	86
160	The Inhibitory Innate Immune Sensor NLRP12 Maintains a Threshold against Obesity by Regulating Gut Microbiota Homeostasis. *Cell Host and Microbe*, **2018**, 24, 364-378.e6	23.4	86
159	Disruption of the human gut microbiota following Norovirus infection. *PLoS ONE*, **2012**, 7, e48224	3.7	83
158	Colonizes Alternative Nutrient Niches during Infection across Distinct Murine Gut Microbiomes. *MSystems*, **2017**, 2,	7.6	82
157	Restoration of short chain fatty acid and bile acid metabolism following fecal microbiota transplantation in patients with recurrent Clostridium difficile infection. *Anaerobe*, **2018**, 53, 64-73	2.8	81
156	Cytolethal distending toxin in avian and human isolates of Helicobacter pullorum. *Journal of Infectious Diseases*, **2000**, 182, 620-3	7	80
155	The Cancer Microbiome: Distinguishing Direct and Indirect Effects Requires a Systemic View. *Trends in Cancer*, **2020**, 6, 192-204	12.5	79
154	3343 Identification of host-microbial interaction networks that mediate intestinal epithelial barrier function in necrotizing enterocolitis. *Journal of Clinical and Translational Science*, **2019**, 3, 13-13	0.4	78
153	2236. Stool-Derived Inflammatory Mediators Serve as Biomarkers of Severity in Clostridium difficile Infection. *Open Forum Infectious Diseases*, **2019**, 6, S764-S765	1	78
152	2403. Clostridium difficile ribotypes and human microbiota differ in Taiwan and the United States with respect to diarrheal patients. *Open Forum Infectious Diseases*, **2019**, 6, S829-S830	1	78
151	2849. Gut Microbiota Differences at the Time of Medical Intensive Care Unit (MICU) Admission Are Associated with Acquisition of Multi-drug-Resistant Organisms (MDROs) Among Patients Not Already Colonized with an MDRO. *Open Forum Infectious Diseases*, **2019**, 6, S71-S72	1	78
150	2355. The Association Between Diagnostic Testing Method and Clostridium difficile Infection Severity. *Open Forum Infectious Diseases*, **2019**, 6, S811-S811	1	78
149	2424. Shedding of Viable Clostridiodes difficile in Patients Admitted to a Medical Intensive Care Unit. *Open Forum Infectious Diseases*, **2019**, 6, S837-S838	1	78

148	2409. External Validation and Comparison of Clostridioides difficile Severity Scoring Systems. *Open Forum Infectious Diseases*, **2019**, 6, S831-S832	1	78
147	3185 A Randomized Controlled Trial Comparing the Nonabsorbable Antibiotic Rifaximin vs. Dietary Intervention Low in Fermentable Sugars (FODMAP) in Irritable Bowel Syndrome. *Journal of Clinical and Translational Science*, **2019**, 3, 31-31	0.4	78
146	Fecal Microbiota Transplantation Eliminates Clostridium difficile in a Murine Model of Relapsing Disease. *Infection and Immunity*, **2015**, 83, 3838-46	3.7	76
145	A Generalizable, Data-Driven Approach to Predict Daily Risk of Clostridium difficile Infection at Two Large Academic Health Centers. *Infection Control and Hospital Epidemiology*, **2018**, 39, 425-433	2	75
144	Dynamics of the fecal microbiome in patients with recurrent and nonrecurrent Clostridium difficile infection. *Genome Medicine*, **2016**, 8, 47	14.4	75
143	Comparison of brush and biopsy sampling methods of the ileal pouch for assessment of mucosa-associated microbiota of human subjects. *Microbiome*, **2014**, 2, 5	16.6	72
142	Colonization of the cecal mucosa by Helicobacter hepaticus impacts the diversity of the indigenous microbiota. *Infection and Immunity*, **2005**, 73, 6952-61	3.7	71
141	Modulation of host immune responses by the cytolethal distending toxin of Helicobacter hepaticus. *Infection and Immunity*, **2006**, 74, 4496-504	3.7	68
140	Probiotics for prevention of Clostridium difficile infection. *Current Opinion in Gastroenterology*, **2018**, 34, 3-10	3	66
139	Microbial Metabolite Signaling Is Required for Systemic Iron Homeostasis. *Cell Metabolism*, **2020**, 31, 115-130.e6	24.6	64
138	Pathogenesis of renal disease due to enterohemorrhagic Escherichia coli in germ-free mice. *Infection and Immunity*, **2008**, 76, 3054-63	3.7	59
137	Interleukin-22-mediated host glycosylation prevents Clostridioides difficile infection by modulating the metabolic activity of the gut microbiota. *Nature Medicine*, **2020**, 26, 608-617	50.5	58
136	The relationship between phenotype, ribotype, and clinical disease in human Clostridium difficile isolates. *Anaerobe*, **2013**, 24, 109-16	2.8	55
135	The anti-inflammatory drug mesalamine targets bacterial polyphosphate accumulation. *Nature Microbiology*, **2017**, 2, 16267	26.6	54
134	Alteration of the murine gastrointestinal microbiota by tigecycline leads to increased susceptibility to Clostridium difficile infection. *Antimicrobial Agents and Chemotherapy*, **2014**, 58, 2767-74	5.9	53
133	Streptococcus intermedius causing infective endocarditis and abscesses: a report of three cases and review of the literature. *BMC Infectious Diseases*, **2008**, 8, 154	4	53
132	Inflammatory bowel disease causes reversible suppression of osteoblast and chondrocyte function in mice. *American Journal of Physiology - Renal Physiology*, **2009**, 296, G1020-9	5.1	52
131	Depression, antidepressant medications, and risk of Clostridium difficile infection. *BMC Medicine*, **2013**, 11, 121	11.4	51

130	Fecal microbiota transplantation for the management of Clostridium difficile infection. *Infectious Disease Clinics of North America*, **2015**, 29, 109-22	6.5	50
129	Microbial and metabolic interactions between the gastrointestinal tract and Clostridium difficile infection. *Gut Microbes*, **2014**, 5, 86-95	8.8	50
128	Variation of the natural transformation frequency of Campylobacter jejuni in liquid shake culture. *Microbiology (United Kingdom)*, **2003**, 149, 3603-3615	2.9	49
127	A clinical and epidemiological review of non-toxigenic Clostridium difficile. *Anaerobe*, **2013**, 22, 1-5	2.8	48
126	Leptin acts independently of food intake to modulate gut microbial composition in male mice. *Endocrinology*, **2014**, 155, 748-57	4.8	45
125	Ecological succession of bacterial communities during conventionalization of germ-free mice. *Applied and Environmental Microbiology*, **2012**, 78, 2359-66	4.8	45
124	Impact of enhanced Staphylococcus DNA extraction on microbial community measures in cystic fibrosis sputum. *PLoS ONE*, **2012**, 7, e33127	3.7	44
123	Alters the Structure and Metabolism of Distinct Cecal Microbiomes during Initial Infection To Promote Sustained Colonization. *MSphere*, **2018**, 3,	5	43
122	Colitis-induced bone loss is gender dependent and associated with increased inflammation. *Inflammatory Bowel Diseases*, **2013**, 19, 1586-97	4.5	43
121	Tryptophan catabolism restricts IFN-□expressing neutrophils and Clostridium difficile immunopathology. *Journal of Immunology*, **2014**, 193, 807-16	5.3	42
120	Poor functional status as a risk factor for severe Clostridium difficile infection in hospitalized older adults. *Journal of the American Geriatrics Society*, **2013**, 61, 1738-42	5.6	41
119	Interleukin-23 (IL-23), independent of IL-17 and IL-22, drives neutrophil recruitment and innate inflammation during Clostridium difficile colitis in mice. *Immunology*, **2016**, 147, 114-24	7.8	39
118	Laser capture microdissection and metagenomic analysis of intact mucosa-associated microbial communities of human colon. *Applied Microbiology and Biotechnology*, **2010**, 88, 1333-42	5.7	38
117	Evaluation of portability and cost of a fluorescent PCR ribotyping protocol for Clostridium difficile epidemiology. *Journal of Clinical Microbiology*, **2015**, 53, 1192-7	9.7	36
116	Clostridium difficile ribotype diversity at six health care institutions in the United States. *Journal of Clinical Microbiology*, **2013**, 51, 1938-41	9.7	36
115	The systemic inflammatory response to Clostridium difficile infection. *PLoS ONE*, **2014**, 9, e92578	3.7	36
114	Increased Relative Abundance of Klebsiella pneumoniae Carbapenemase-producing Klebsiella pneumoniae Within the Gut Microbiota Is Associated With Risk of Bloodstream Infection in Long-term Acute Care Hospital Patients. *Clinical Infectious Diseases*, **2019**, 68, 2053-2059	11.6	36
113	Procalcitonin levels associate with severity of Clostridium difficile infection. *PLoS ONE*, **2013**, 8, e58265	3.7	32

112	Variation in germination of Clostridium difficile clinical isolates correlates to disease severity. *Anaerobe*, **2015**, 33, 64-70	2.8	31
111	Role of GM-CSF in the inflammatory cytokine network that regulates neutrophil influx into the colonic mucosa during Clostridium difficile infection in mice. *Gut Microbes*, **2014**, 5, 476-84	8.8	31
110	Therapeutic manipulation of the microbiota: past, present, and considerations for the future. *Clinical Microbiology and Infection*, **2016**, 22, 905-909	9.5	29
109	Multiphasic analysis of the temporal development of the distal gut microbiota in patients following ileal pouch anal anastomosis. *Microbiome*, **2013**, 1, 9	16.6	29
108	Spatial and Temporal Analysis of the Stomach and Small-Intestinal Microbiota in Fasted Healthy Humans. *MSphere*, **2019**, 4,	5	28
107	Murine norovirus infection does not cause major disruptions in the murine intestinal microbiota. *Microbiome*, **2013**, 1, 7	16.6	27
106	High-resolution profiling of the gut microbiome reveals the extent of burden. *Npj Biofilms and Microbiomes*, **2017**, 3, 35	8.2	27
105	Overview of the gastrointestinal microbiota. *Advances in Experimental Medicine and Biology*, **2008**, 635, 29-40	3.6	27
104	Real-time Measurement of Epithelial Barrier Permeability in Human Intestinal Organoids. *Journal of Visualized Experiments*, **2017**,	1.6	26
103	Acute infection of mice with Clostridium difficile leads to eIF2 phosphorylation and pro-survival signalling as part of the mucosal inflammatory response. *Immunology*, **2013**, 140, 111-22	7.8	26
102	Challenges in IBD research: update on progress and prioritization of the CCFA's research agenda. *Inflammatory Bowel Diseases*, **2013**, 19, 677-82	4.5	26
101	Ulcerative typhlocolitis associated with Helicobacter mastomyrinus in telomerase-deficient mice. *Veterinary Pathology*, **2011**, 48, 713-25	2.8	26
100	Lethal toxin is a critical determinant of rapid mortality in rodent models of Clostridium sordellii endometritis. *Anaerobe*, **2010**, 16, 155-60	2.8	26
99	Lessons learned from the prenatal microbiome controversy. *Microbiome*, **2021**, 9, 8	16.6	25
98	Using Machine Learning and the Electronic Health Record to Predict Complicated Infection. *Open Forum Infectious Diseases*, **2019**, 6, ofz186	1	24
97	The effects of intestinal microbial community structure on disease manifestation in IL-10-/- mice infected with Helicobacter hepaticus. *Microbiome*, **2013**, 1, 15	16.6	24
96	Novel therapies and preventative strategies for primary and recurrent Clostridium difficile infections. *Annals of the New York Academy of Sciences*, **2019**, 1435, 110-138	6.5	24
95	The Role of Fecal Microbiota Transplantation in Reducing Intestinal Colonization With Antibiotic-Resistant Organisms: The Current Landscape and Future Directions. *Open Forum Infectious Diseases*, **2019**, 6,	1	23

94	Detection of mixed populations of Clostridium difficile from symptomatic patients using capillary-based polymerase chain reaction ribotyping. *Infection Control and Hospital Epidemiology*, **2013**, 34, 961-966	2	23
93	Effect of sample storage conditions on culture-independent bacterial community measures in cystic fibrosis sputum specimens. *Journal of Clinical Microbiology*, **2011**, 49, 3717-8	9.7	22
92	Genetic diversity of Campylobacter sp. isolates from retail chicken products and humans with gastroenteritis in Central Michigan. *Journal of Clinical Microbiology*, **2005**, 43, 4221-4	9.7	22
91	Faecal microbiota transplantation for the treatment of recurrent Clostridium difficile infection: current promise and future needs. *Current Opinion in Gastroenterology*, **2013**, 29, 628-32	3	21
90	A randomised trial of sheathed versus standard forceps for obtaining uncontaminated biopsy specimens of microbiota from the terminal ileum. *Gut*, **2011**, 60, 1043-9	19.2	21
89	Explaining unexplained diarrhea and associating risks and infections. *Animal Health Research Reviews*, **2007**, 8, 69-80	2.1	21
88	Reducing Recurrence of C. difficile Infection. *Cell*, **2017**, 169, 375	56.2	20
87	The Gut Microbiota Is Associated with Clearance of Clostridium difficile Infection Independent of Adaptive Immunity. *MSphere*, **2019**, 4,	5	20
86	Emerging Insights into Antibiotic-Associated Diarrhea and Clostridium difficile Infection through the Lens of Microbial Ecology. *Interdisciplinary Perspectives on Infectious Diseases*, **2008**, 2008, 125081	1.7	20
85	Elevated fecal calprotectin associates with adverse outcomes from Clostridium difficile infection in older adults. *Infectious Diseases*, **2016**, 48, 663-9	3.1	20
84	Interleukin-22 and CD160 play additive roles in the host mucosal response to Clostridium difficile infection in mice. *Immunology*, **2015**, 144, 587-97	7.8	19
83	Murine models to study Clostridium difficile infection and transmission. *Anaerobe*, **2013**, 24, 94-7	2.8	19
82	Studying the Enteric Microbiome in Inflammatory Bowel Diseases: Getting through the Growing Pains and Moving Forward. *Frontiers in Microbiology*, **2011**, 2, 144	5.7	19
81	Impact of a hormone-releasing intrauterine system on the vaginal microbiome: a prospective baboon model. *Journal of Medical Primatology*, **2014**, 43, 89-99	0.7	18
80	Human microbiome science: vision for the future, Bethesda, MD, July 24 to 26, 2013. *Microbiome*, **2014**, 2,	16.6	18
79	Presence of multiple Clostridium difficile strains at primary infection is associated with development of recurrent disease. *Anaerobe*, **2018**, 53, 74-81	2.8	18
78	The rest of the story: the microbiome and gastrointestinal infections. *Current Opinion in Microbiology*, **2015**, 23, 121-5	7.9	17
77	Chronic atrophic gastritis in SCID mice experimentally infected with Campylobacter fetus. *Infection and Immunity*, **2000**, 68, 2110-8	3.7	17

76	Role of interferon-□and inflammatory monocytes in driving colonic inflammation during acute Clostridium difficile infection in mice. *Immunology*, **2017**, 150, 468-477	7.8	16
75	A whole new ball game: Stem cell-derived epithelia in the study of host-microbe interactions. *Anaerobe*, **2016**, 37, 25-8	2.8	16
74	Increases in Colonic Bacterial Diversity after □B Fatty Acid Supplementation Predict Decreased Colonic Prostaglandin E2 Concentrations in Healthy Adults. *Journal of Nutrition*, **2019**, 149, 1170-1179	4.1	15
73	Effects of intrauterine contraception on the vaginal microbiota. *Contraception*, **2017**, 96, 189-195	2.5	14
72	The role of the humoral immune response to Clostridium difficile toxins A and B in susceptibility to C. difficile infection: a case-control study. *Anaerobe*, **2014**, 27, 82-6	2.8	14
71	Non-toxigenic Clostridium sordellii: clinical and microbiological features of a case of cholangitis-associated bacteremia. *Anaerobe*, **2011**, 17, 252-6	2.8	14
70	An Observational Cohort Study of Ribotype 027 and Recurrent Infection. *MSphere*, **2018**, 3,	5	14
69	Emergence of Carbapenemaseproducing Klebsiella Pneumoniae of Sequence type 258 in Michigan, USA. *Gastroenterology Insights*, **2013**, 5, e5	2.1	13
68	Relationship between COMLEX and USMLE scores among osteopathic medical students who take both examinations. *Teaching and Learning in Medicine*, **2010**, 22, 3-7	3.4	13
67	Dietary Xanthan Gum Alters Antibiotic Efficacy against the Murine Gut Microbiota and Attenuates Colonization. *MSphere*, **2020**, 5,	5	13
66	Systemic Inflammatory Mediators Are Effective Biomarkers for Predicting Adverse Outcomes in Clostridioides difficile Infection. *MBio*, **2020**, 11,	7.8	12
65	Genetic Determinants of Trehalose Utilization Are Not Associated With Severe Infection Outcome. *Open Forum Infectious Diseases*, **2020**, 7, ofz548	1	12
64	The role of Gr-1(+) cells and tumour necrosis factor-□signalling during Clostridium difficile colitis in mice. *Immunology*, **2015**, 144, 704-16	7.8	12
63	Effects of tigecycline and vancomycin administration on established Clostridium difficile infection. *Antimicrobial Agents and Chemotherapy*, **2015**, 59, 1596-604	5.9	10
62	Prevalence of human norovirus and Clostridium difficile coinfections in adult hospitalized patients. *Clinical Epidemiology*, **2016**, 8, 253-60	5.9	10
61	Impact of the Levonorgestrel-Releasing Intrauterine System on the Progression of Chlamydia trachomatis Infection to Pelvic Inflammatory Disease in a Baboon Model. *Journal of Infectious Diseases*, **2018**, 217, 656-666	7	9
60	Low prevalence of Clostridium septicum fecal carriage in an adult population. *Anaerobe*, **2015**, 32, 34-36	2.8	8
59	Temporal Gut Microbial Changes Predict Recurrent Clostridiodes Difficile Infection in Patients With and Without Ulcerative Colitis. *Inflammatory Bowel Diseases*, **2020**, 26, 1748-1758	4.5	8

58	Storage duration of red blood cell transfusion and Clostridium difficile infection: a within person comparison. *PLoS ONE*, **2014**, 9, e89332	3.7	8
57	The levonorgestrel-releasing intrauterine system is associated with delayed endocervical clearance of Chlamydia trachomatis without alterations in vaginal microbiota. *Pathogens and Disease*, **2015**, 73, ftv070	4.2	7
56	Clostridium difficile-induced colitis in mice is independent of leukotrienes. *Anaerobe*, **2014**, 30, 90-8	2.8	7
55	Fecal microbiota therapy: ready for prime time?. *Infection Control and Hospital Epidemiology*, **2014**, 35, 28-30	2	7
54	Spherules, hyphae, and air-crescent sign. *American Journal of the Medical Sciences*, **2008**, 335, 504-6	2.2	7
53	The human microbiome and infectious diseases: beyond koch. *Interdisciplinary Perspectives on Infectious Diseases*, **2008**, 2008, 296873	1.7	7
52	Protection from Lethal Clostridioides difficile Infection via Intraspecies Competition for Cogerminant. *MBio*, **2021**, 12,	7.8	7
51	Microbiome therapeutics for hepatic encephalopathy. *Journal of Hepatology*, **2021**, 75, 1452-1464	13.4	7
50	Gut Microbiota and Clinical Features Distinguish Colonization With Carbapenemase-Producing at the Time of Admission to a Long-term Acute Care Hospital. *Open Forum Infectious Diseases*, **2018**, 5, ofy190	1	6
49	Cytolethal distending toxin: a bacterial toxin which disrupts the eukaryotic cell cycle. *Chemical Research in Toxicology*, **2000**, 13, 936-9	4	6
48	Co-cultivation of microbial sub-communities in microfluidic droplets facilitates high-resolution genomic dissection of microbial Rdark matterR. *Integrative Biology (United Kingdom)*, **2020**, 12, 263-274	3.7	6
47	Changes in the Association Between Diagnostic Testing Method, Polymerase Chain Reaction Ribotype, and Clinical Outcomes From Clostridioides difficile Infection: One InstitutionR Experience. *Clinical Infectious Diseases*, **2021**, 73, e2883-e2889	11.6	6
46	Aging Dampens the Intestinal Innate Immune Response during Severe Clostridioides difficile Infection and Is Associated with Altered Cytokine Levels and Granulocyte Mobilization. *Infection and Immunity*, **2020**, 88,	3.7	6
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