Jennifer K Spinler

List of Publications by Year
in descending order

49 papers	1,923 citations	279487 23 h-index	264894 42 g-index
51 all docs	51 docs citations	51 times ranked	2563 citing authors

#	Article	IF	Citations
1	Human-derived probiotic Lactobacillus reuteri demonstrate antimicrobial activities targeting diverse enteric bacterial pathogens. Anaerobe, 2008, 14, 166-171.	1.0	254
2	Mechanisms of probiosis and prebiosis: considerations for enhanced functional foods. Current Opinion in Biotechnology, 2009, 20, 135-141.	3.3	178
3	Exploring Metabolic Pathway Reconstruction and Genome-Wide Expression Profiling in Lactobacillus reuteri to Define Functional Probiotic Features. PLoS ONE, 2011, 6, e18783.	1.1	147
4	Healthy Human Gastrointestinal Microbiome: Composition and Function After a Decade of Exploration. Digestive Diseases and Sciences, 2020, 65, 695-705.	1.1	104
5	<i>Fusobacterium nucleatum</i> Secretes Outer Membrane Vesicles and Promotes Intestinal Inflammation. MBio, 2021, 12, .	1.8	101
6	Microbial Metabolic Capacity for Intestinal Folate Production and Modulation of Host Folate Receptors. Frontiers in Microbiology, 2019, 10, 2305.	1.5	95
7	From Prediction to Function Using Evolutionary Genomics: Human-Specific Ecotypes of Lactobacillus reuteri Have Diverse Probiotic Functions. Genome Biology and Evolution, 2014, 6, 1772-1789.	1.1	83
8	If you text them, they will come. Aids, 2014, 28, S313-S321.	1.0	70
9	Next-Generation Probiotics Targeting Clostridium difficile through Precursor-Directed Antimicrobial Biosynthesis. Infection and Immunity, 2017, 85, .	1.0	65
10	Lactobacillus rhamnosus L34 and Lactobacillus casei L39 suppress Clostridium difficile-induced IL-8 production by colonic epithelial cells. BMC Microbiology, 2014, 14, 177.	1.3	61
11	Structural and functional changes within the gut microbiota and susceptibility to Clostridium difficile infection. Anaerobe, 2016, 41, 37-43.	1.0	60
12	Lactobacillus reuteri-Specific Immunoregulatory Gene <i>rsiR</i> Modulates Histamine Production and Immunomodulation by Lactobacillus reuteri. Journal of Bacteriology, 2013, 195, 5567-5576.	1.0	53
13	Task shifting an inpatient triage, assessment and treatment programme improves the quality of care for hospitalised <scp>M</scp>alawian children. Tropical Medicine and International Health, 2013, 18, 879-886.	1.0	47
14	<i>Lactobacillus saerimneri</i>and<i>Lactobacillus ruminis</i>: novel human-derived probiotic strains with immunomodulatory activities. FEMS Microbiology Letters, 2009, 293, 65-72.	0.7	45
15	FolC2â€mediated folate metabolism contributes to suppression of inflammation by probiotic <i>Lactobacillus reuteri</i>. MicrobiologyOpen, 2016, 5, 802-818.	1.2	44
16	<i>Bifidobacterium dentium</i>-derived γ-glutamylcysteine suppresses ER-mediated goblet cell stress and reduces TNBS-driven colonic inflammation. Gut Microbes, 2021, 13, 1-21.	4.3	41
17	Bacteroides ovatus colonization influences the abundance of intestinal short chain fatty acids and neurotransmitters. IScience, 2022, 25, 104158.	1.9	41
18	Mucin-Degrading Microbes Release Monosaccharides That Chemoattract <i>Clostridioides difficile</i> and Facilitate Colonization of the Human Intestinal Mucus Layer. ACS Infectious Diseases, 2021, 7, 1126-1142.	1.8	39

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19	Bacteroides ovatus Promotes IL-22 Production and Reduces Trinitrobenzene Sulfonic Acidâ€"Driven Colonic Inflammation. American Journal of Pathology, 2021, 191, 704-719.	1.9	39
20	Functional identification in Lactobacillus reuteri of a PocR-like transcription factor regulating glycerol utilization and vitamin B12 synthesis. Microbial Cell Factories, 2011, 10, 55.	1.9	38
21	Probiotics as adjunctive therapy for preventing Clostridium difficile infection â€" What are we waiting for?. Anaerobe, 2016, 41, 51-57.	1.0	32
22	Characterization of Lactobacillus salivarius strains B37 and B60 capable of inhibiting IL-8 production in Helicobacter pylori-stimulated gastric epithelial cells. BMC Microbiology, 2016, 16, 242.	1.3	27
23	Antiâ€inflammatory Properties of Gastricâ€derived <i>Lactobacillus plantarum </i><scp>XB</scp>7 in the Context of <i>Helicobacter pylori</i> Infection. Helicobacter, 2014, 19, 144-155.	1.6	26
24	Reuterin disrupts <i>Clostridioides difficile</i> metabolism and pathogenicity through reactive oxygen species generation. Gut Microbes, 2020, 12, 1795388.	4.3	23
25	Human intestinal enteroids as a model of<i>Clostridioides difficile</i>-induced enteritis. American Journal of Physiology - Renal Physiology, 2020, 318, G870-G888.	1.6	23
26	Administration of probiotic kefir to mice with Clostridium difficile infection exacerbates disease. Anaerobe, 2016, 40, 54-57.	1.0	20
27	Dietary impact of a plant-derived microRNA on the gut microbiome. ExRNA, 2020, 2, .	1.0	18
28	Neurotransmitter Profiles Are Altered in the Gut and Brain of Mice Mono-Associated with Bifidobacterium dentium. Biomolecules, 2021, 11, 1091.	1.8	17
29	Aging impairs protective host defenses against Clostridioides (Clostridium) difficile infection in mice by suppressing neutrophil and IL-22 mediated immunity. Anaerobe, 2018, 54, 83-91.	1.0	16
30	Systems biology analysis of the Clostridioides difficile core-genome contextualizes microenvironmental evolutionary pressures leading to genotypic and phenotypic divergence. Npj Systems Biology and Applications, 2020, 6, 31.	1.4	15
31	The metabolic profile of Bifidobacterium dentium reflects its status as a human gut commensal. BMC Microbiology, 2021, 21, 154.	1.3	13
32	Unraveling the Metabolic Requirements of the Gut Commensal Bacteroides ovatus. Frontiers in Microbiology, 2021, 12, 745469.	1.5	12
33	Planting the Microbiome. Trends in Microbiology, 2019, 27, 90-93.	3.5	11
34	Analysis of truncated variants of the iron dependent transcriptional regulators fromCorynebacterium diphtheriaeandMycobacterium tuberculosis. FEMS Microbiology Letters, 2005, 243, 1-8.	0.7	9
35	Identification of a proton-chloride antiporter (EriC) by Himar1 transposon mutagenesis in Lactobacillus reuteri and its role in histamine production. Antonie Van Leeuwenhoek, 2014, 105, 579-592.	0.7	9
36	Systems biology evaluation of refractory Clostridioides difficile infection including multiple failures of fecal microbiota transplantation. Anaerobe, 2021, 70, 102387.	1.0	8

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37	Reinfection with severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) B.1.1.7 variant in an immunocompromised adolescent. Infection Control and Hospital Epidemiology, 2021, , 1-2.	1.0	6
38	Draft genome sequences and description of Lactobacillus rhamnosus strains L31, L34, and L35. Standards in Genomic Sciences, 2014, 9, 744-754.	1.5	5
39	Complete Genome Sequence of Clostridioides difficile Ribotype 255 Strain Mta-79, Assembled Using Oxford Nanopore and Illumina Sequencing. Microbiology Resource Announcements, 2019, 8, .	0.3	5
40	Systems biology approach to functionally assess the <i>Clostridioides difficile</i> pangenome reveals genetic diversity with discriminatory power. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2119396119.	3.3	5
41	Fecal Microbiota Transplantation Commonly Failed in Children With Coâ€Morbidities. Journal of Pediatric Gastroenterology and Nutrition, 2022, 74, 227-235.	0.9	4
42	Development and use of a selectable, broad-host-range reporter transposon for identifying environmentally regulated promoters in bacteria. FEMS Microbiology Letters, 2009, 291, 143-150.	0.7	3
43	Comparison of Whole Genome Sequencing and Repetitive Element PCR for Multidrug- Resistant Pseudomonas aeruginosa Strain Typing. Journal of Molecular Diagnostics, 2021, , .	1.2	3
44	Discerning strain-specific Î²-lactam drug resistance by clonal isolates of multi-drug resistant Pseudomonas aeruginosa using selected reaction monitoring. International Journal of Mass Spectrometry, 2019, 438, 36-43.	0.7	2
45	Complete Genome Sequence of the Multidrug-Resistant Pseudomonas aeruginosa Endemic Houston-1 Strain, Isolated from a Pediatric Patient with Cystic Fibrosis and Assembled Using Oxford Nanopore and Illumina Sequencing. Microbiology Resource Announcements, 2019, 8, .	0.3	2
46	Probiotics in Human Medicine: Overview. , 0, , 223-229.		2
47	Human Microbiome, Lactobacillaceae in the. , 2014, , 1-8.		1
48	Clostridioides difficile is Chemoattracted to Oligosaccharides Released by Mucinâ€•Degrading Microbes. FASEB Journal, 2021, 35, .	0.2	0
49	Bacteroides ovatus Influences the Levels of Intestinal Neurotransmitters in a Gnotobiotic Model. FASEB Journal, 2021, 35, .	0.2	0