

Lindsay J Hall

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

3,184
citations

236612

25
h-index

174990

52
g-index

89
all docs

89
docs citations

89
times ranked

5174
citing authors

#	ARTICLE	IF	CITATIONS
1	Bifidobacterial surface-exopolysaccharide facilitates commensal-host interaction through immune modulation and pathogen protection. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2108-2113.	3.3	450
2	An update on the human and animal enteric pathogen <i>Clostridium perfringens</i> . Emerging Microbes and Infections, 2018, 7, 1-15.	3.0	262
3	Breast milk-derived human milk oligosaccharides promote <i>Bifidobacterium</i> interactions within a single ecosystem. ISME Journal, 2020, 14, 635-648.	4.4	220
4	The microbiome beyond the horizon of ecological and evolutionary theory. Nature Ecology and Evolution, 2017, 1, 1606-1615.	3.4	216
5	Antibiotics induce sustained dysregulation of intestinal T cell immunity by perturbing macrophage homeostasis. Science Translational Medicine, 2018, 10, .	5.8	200
6	A mouse model of pathological small intestinal epithelial cell apoptosis and shedding induced by systemic administration of lipopolysaccharide. DMM Disease Models and Mechanisms, 2013, 6, 1388-99.	1.2	137
7	Microbiota Supplementation with <i>Bifidobacterium</i> and <i>Lactobacillus</i> Modifies the Preterm Infant Gut Microbiota and Metabolome: An Observational Study. Cell Reports Medicine, 2020, 1, 100077.	3.3	119
8	Rapid MinION profiling of preterm microbiota and antimicrobial-resistant pathogens. Nature Microbiology, 2020, 5, 430-442.	5.9	113
9	Induction and Activation of Adaptive Immune Populations During Acute and Chronic Phases of a Murine Model of Experimental Colitis. Digestive Diseases and Sciences, 2011, 56, 79-89.	1.1	88
10	Exploring the role of the microbiota member <i>Bifidobacterium</i> in modulating immune-linked diseases. Emerging Topics in Life Sciences, 2017, 1, 333-349.	1.1	78
11	Probing Genomic Aspects of the Multi-Host Pathogen <i>Clostridium perfringens</i> Reveals Significant Pangenome Diversity, and a Diverse Array of Virulence Factors. Frontiers in Microbiology, 2017, 8, 2485.	1.5	70
12	Incidence of necrotising enterocolitis before and after introducing routine prophylactic <i>Lactobacillus</i> and <i>Bifidobacterium</i> probiotics. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2020, 105, 380-386.	1.4	70
13	<i>Bifidobacterium breve</i> UCC2003 surface exopolysaccharide production is a beneficial trait mediating commensal-host interaction through immune modulation and pathogen protection. Gut Microbes, 2012, 3, 420-425.	4.3	67
14	<i>Bifidobacterium breve</i> reduces apoptotic epithelial cell shedding in an exopolysaccharide and MyD88-dependent manner. Open Biology, 2017, 7, 160155.	1.5	65
15	Natural killer cells protect mice from DSS-induced colitis by regulating neutrophil function via the NKG2A receptor. Mucosal Immunology, 2013, 6, 1016-1026.	2.7	55
16	Natural Killer Cells Protect against Mucosal and Systemic Infection with the Enteric Pathogen <i>Citrobacter rodentium</i> . Infection and Immunity, 2013, 81, 460-469.	1.0	53
17	Candidate Live, Attenuated <i>Salmonella enterica</i> Serotype Typhimurium Vaccines with Reduced Fecal Shedding Are Immunogenic and Effective Oral Vaccines. Infection and Immunity, 2007, 75, 1835-1842.	1.0	47
18	Optimisation of 16S rRNA gut microbiota profiling of extremely low birth weight infants. BMC Genomics, 2017, 18, 841.	1.2	47

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19	A Salmonella Typhimurium-Typhi Genomic Chimera: A Model to Study Vi Polysaccharide Capsule Function In Vivo. PLoS Pathogens, 2011, 7, e1002131.	2.1	41
20	Antibiotic-induced disturbances of the gut microbiota result in accelerated breast tumor growth. IScience, 2021, 24, 103012.	1.9	41
21	Preterm Infant-Associated Clostridium tertium, Clostridium cadaveris, and Clostridium paraputrificum Strains: Genomic and Evolutionary Insights. Genome Biology and Evolution, 2017, 9, 2707-2714.	1.1	39
22	Setting the agenda for social science research on the human microbiome. Palgrave Communications, 2020, 6, .	4.7	39
23	NK Cells Influence Both Innate and Adaptive Immune Responses after Mucosal Immunization with Antigen and Mucosal Adjuvant. Journal of Immunology, 2010, 184, 4327-4337.	0.4	35
24	Preterm infants harbour diverse Klebsiella populations, including atypical species that encode and produce an array of antimicrobial resistance- and virulence-associated factors. Microbial Genomics, 2020, 6, .	1.0	35
25	Use of bioluminescence imaging to track neutrophil migration and its inhibition in experimental colitis. Clinical and Experimental Immunology, 2010, 162, 188-196.	1.1	30
26	Genomic analysis on broiler-associated Clostridium perfringens strains and exploratory caecal microbiome investigation reveals key factors linked to poultry necrotic enteritis. Animal Microbiome, 2019, 1, 12.	1.5	29
27	Improving causality in microbiome research: can human genetic epidemiology help?. Wellcome Open Research, 2019, 4, 199.	0.9	28
28	The early life microbiota protects neonatal mice from pathological small intestinal epithelial cell shedding. FASEB Journal, 2020, 34, 7075-7088.	0.2	27
29	Succession of Bifidobacterium longum Strains in Response to a Changing Early Life Nutritional Environment Reveals Dietary Substrate Adaptations. IScience, 2020, 23, 101368.	1.9	26
30	Characterisation of a live Salmonella vaccine stably expressing the Mycobacterium tuberculosis Ag85Bâ€“ESAT6 fusion protein. Vaccine, 2009, 27, 6894-6904.	1.7	25
31	The Sphingosine-1-Phosphate Analogue FTY720 Impairs Mucosal Immunity and Clearance of the Enteric Pathogen Citrobacter rodentium. Infection and Immunity, 2012, 80, 2712-2723.	1.0	23
32	Antibiotic use and the risk of rheumatoid arthritis: a population-based case-control study. BMC Medicine, 2019, 17, 154.	2.3	23
33	Bifidobacterium breve UCC2003 Induces a Distinct Global Transcriptomic Program in Neonatal Murine Intestinal Epithelial Cells. IScience, 2020, 23, 101336.	1.9	23
34	Bifidobacterium breve UCC2003 Exopolysaccharide Modulates the Early Life Microbiota by Acting as a Potential Dietary Substrate. Nutrients, 2020, 12, 948.	1.7	22
35	Exploring the impact of gut microbiota and diet on breast cancer risk and progression. International Journal of Cancer, 2021, 149, 494-504.	2.3	22
36	Recent advances in understanding the neonatal microbiome. F1000Research, 2020, 9, 422.	0.8	22

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37	Preterm Infants Harbour a Rapidly Changing Mycobiota That Includes Candida Pathobionts. Journal of Fungi (Basel, Switzerland), 2020, 6, 273.	1.5	21
38	Improving causality in microbiome research: can human genetic epidemiology help?. Wellcome Open Research, 2019, 4, 199.	0.9	21
39	Integrative analysis of Paneth cell proteomic and transcriptomic data from intestinal organoids reveals functional processes dependent on autophagy. DMM Disease Models and Mechanisms, 2019, 12, .	1.2	20
40	The impact of storage conditions on human stool 16S rRNA microbiome composition and diversity. PeerJ, 2019, 7, e8133.	0.9	20
41	Maternal gut microbiota Bifidobacterium promotes placental morphogenesis, nutrient transport and fetal growth in mice. Cellular and Molecular Life Sciences, 2022, 79, .	2.4	19
42	Gut Microbiome in New-Onset Crohn's Disease. Gastroenterology, 2014, 147, 932-934.	0.6	18
43	Streaming histogram sketching for rapid microbiome analytics. Microbiome, 2019, 7, 40.	4.9	18
44	Phylogenomic analysis of gastroenteritis-associated Clostridium perfringens in England and Wales over a 7-year period indicates distribution of clonal toxigenic strains in multiple outbreaks and extensive involvement of enterotoxin-encoding (CPE) plasmids. Microbial Genomics, 2019, 5, .	1.0	16
45	Genomic Analysis of Clostridium perfringens BEC/CPiLE-Positive, Toxinotype D and E Strains Isolated from Healthy Children. Toxins, 2019, 11, 543.	1.5	11
46	Improved molecular characterization of the Klebsiella oxytoca complex reveals the prevalence of the kleboxymycin biosynthetic gene cluster. Microbial Genomics, 2021, 7, .	1.0	10
47	Macrophage metabolism in the intestine is compartment specific and regulated by the microbiota. Immunology, 2022, 166, 138-152.	2.0	10
48	Enterococcus innesii sp. nov., isolated from the wax moth Galleria mellonella. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	0.8	9
49	A systems genomics approach to uncover patient-specific pathogenic pathways and proteins in ulcerative colitis. Nature Communications, 2022, 13, 2299.	5.8	9
50	The microbiota, antibiotics and breast cancer. Breast Cancer Management, 2019, 8, BMT29.	0.2	8
51	Cell Shedding: Old Questions Answered. Gastroenterology, 2012, 143, 1389-1391.	0.6	7
52	Development and characterization of an enhanced nonviral expression vector for electroporation cancer treatment. Molecular Therapy - Methods and Clinical Development, 2014, 1, 14012.	1.8	6
53	Draft Genome Sequences of Citrobacter freundii and Citrobacter murlinae Strains Isolated from the Feces of Preterm Infants. Microbiology Resource Announcements, 2019, 8, .	0.3	6
54	Exploring the Genomic Diversity and Antimicrobial Susceptibility of Bifidobacterium pseudocatenulatum in a Vietnamese Population. Microbiology Spectrum, 2021, 9, e0052621.	1.2	6

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55	Probing local innate immune responses after mucosal immunisation. <i>Journal of Immune Based Therapies and Vaccines</i> , 2010, 8, 5.	2.4	4
56	Role of Autophagy in NOD2-Induced Inflammation in Crohn's Disease. <i>Gastroenterology</i> , 2012, 142, 1032-1034.	0.6	4
57	Regulation of Host Gene Expression by Gut Microbiota. <i>Gastroenterology</i> , 2013, 144, 841-844.	0.6	2
58	Bacterial strains augment cancer therapeutics. <i>Nature Microbiology</i> , 2021, 6, 275-276.	5.9	2
59	The Pregnancy and EARly Life study (PEARL) - a longitudinal study to understand how gut microbes contribute to maintaining health during pregnancy and early life. <i>BMC Pediatrics</i> , 2021, 21, 357.	0.7	2
60	Microbes, human milk, and prebiotics. , 2021, , 197-237.		2
61	Draft Genome Sequence of <i>Raoultella ornithinolytica</i> P079F W, Isolated from the Feces of a Preterm Infant. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	2
62	PRObiotics and SYNbiotics to improve gut health and growth in infants in western Kenya (PROSYNK) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.7	2
63	Response: Commentary: Probing Genomic Aspects of the Multi-Host Pathogen <i>Clostridium perfringens</i> Reveals Significant Pangenome Diversity, and a Diverse Array of Virulence Factors. <i>Frontiers in Microbiology</i> , 2018, 9, 1857.	1.5	1
64	Live Vaccines and Their Role in Modern Vaccinology. , 2011, , 3-14.		0
65	<i>Bifidobacterium castoris</i> strains isolated from wild mice show evidence of frequent host switching and diverse carbohydrate metabolism potential. <i>ISME Communications</i> , 2022, 2, .	1.7	0