

Breck A Duerkop

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45
papers

2,073
citations

21
h-index

45
g-index

59
ext. papers

2,728
ext. citations

10.3
avg, IF

5.28
L-index

#	Paper	IF	Citations
45	Immune responses to the microbiota at the intestinal mucosal surface. <i>Immunity</i> , 2009 , 31, 368-76	32.3	294
44	Precision editing of the gut microbiota ameliorates colitis. <i>Nature</i> , 2018 , 553, 208-211	50.4	249
43	Resident viruses and their interactions with the immune system. <i>Nature Immunology</i> , 2013 , 14, 654-9	19.1	189
42	A composite bacteriophage alters colonization by an intestinal commensal bacterium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 17621-6	11.5	166
41	Microbial Respiration and Formate Oxidation as Metabolic Signatures of Inflammation-Associated Dysbiosis. <i>Cell Host and Microbe</i> , 2017 , 21, 208-219	23.4	141
40	A structurally unrelated mimic of a <i>Pseudomonas aeruginosa</i> acyl-homoserine lactone quorum-sensing signal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 16948-52	11.5	117
39	Evaluation of methods to purify virus-like particles for metagenomic sequencing of intestinal viromes. <i>BMC Genomics</i> , 2015 , 16, 7	4.5	112
38	Quorum-sensing control of antibiotic synthesis in <i>Burkholderia thailandensis</i> . <i>Journal of Bacteriology</i> , 2009 , 191, 3909-18	3.5	101
37	Murine colitis reveals a disease-associated bacteriophage community. <i>Nature Microbiology</i> , 2018 , 3, 1023-1031	26.3	90
36	Quorum-sensing-regulated bactobolin production by <i>Burkholderia thailandensis</i> E264. <i>Organic Letters</i> , 2010 , 12, 716-9	6.2	83
35	Mutational analysis of <i>Burkholderia thailandensis</i> quorum sensing and self-aggregation. <i>Journal of Bacteriology</i> , 2009 , 191, 5901-9	3.5	72
34	Molecular Basis for Lytic Bacteriophage Resistance in Enterococci. <i>MBio</i> , 2016 , 7,	7.8	53
33	Bacteriophage Resistance Alters Antibiotic-Mediated Intestinal Expansion of Enterococci. <i>Infection and Immunity</i> , 2019 , 87,	3.7	41
32	Octanoyl-homoserine lactone is the cognate signal for <i>Burkholderia mallei</i> BmaR1-Bmal1 quorum sensing. <i>Journal of Bacteriology</i> , 2007 , 189, 5034-40	3.5	41
31	Fitness Trade-Offs Resulting from Bacteriophage Resistance Potentiate Synergistic Antibacterial Strategies. <i>Infection and Immunity</i> , 2020 , 88,	3.7	40
30	Conjugative Delivery of CRISPR-Cas9 for the Selective Depletion of Antibiotic-Resistant Enterococci. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	35
29	Parallel Genomics Uncover Novel Enterococcal-Bacteriophage Interactions. <i>MBio</i> , 2020 , 11,	7.8	31

28	The <i>Burkholderia mallei</i> BmaR3-BmaI3 quorum-sensing system produces and responds to N-3-hydroxy-octanoyl homoserine lactone. <i>Journal of Bacteriology</i> , 2008 , 190, 5137-41	3.5	30
27	Oxidant generation by single infected monocytes after short-term fluorescence labeling of a protozoan parasite. <i>Infection and Immunity</i> , 2007 , 75, 1017-24	3.7	29
26	Beyond Bacteria: Bacteriophage-Eukaryotic Host Interactions Reveal Emerging Paradigms of Health and Disease. <i>Frontiers in Microbiology</i> , 2018 , 9, 1394	5.7	26
25	<i>Enterococcus faecalis</i> CRISPR-Cas Is a Robust Barrier to Conjugative Antibiotic Resistance Dissemination in the Murine Intestine. <i>MSphere</i> , 2019 , 4,	5	23
24	Bacteriophages shift the focus of the mammalian microbiota. <i>PLoS Pathogens</i> , 2018 , 14, e1007310	7.6	15
23	Transductomics: sequencing-based detection and analysis of transduced DNA in pure cultures and microbial communities. <i>Microbiome</i> , 2020 , 8, 158	16.6	12
22	Individuals at risk for rheumatoid arthritis harbor differential intestinal bacteriophage communities with distinct metabolic potential. <i>Cell Host and Microbe</i> , 2021 , 29, 726-739.e5	23.4	12
21	Phage infection and sub-lethal antibiotic exposure mediate <i>Enterococcus faecalis</i> type VII secretion system dependent inhibition of bystander bacteria. <i>PLoS Genetics</i> , 2021 , 17, e1009204	6	11
20	Bacteriophage-Antibiotic Combinations for <i>Enterococcus faecium</i> with Varying Bacteriophage and Daptomycin Susceptibilities. <i>Antimicrobial Agents and Chemotherapy</i> , 2020 , 64,	5.9	9
19	Genome-Wide Mutagenesis Identifies Factors Involved in <i>Enterococcus faecalis</i> Vaginal Adherence and Persistence. <i>Infection and Immunity</i> , 2020 , 88,	3.7	8
18	Lytic bacteriophages facilitate antibiotic sensitization of. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 ,	5.9	8
17	Sugar and Fatty Acids Accelerate Prophage Induction. <i>Cell Host and Microbe</i> , 2019 , 25, 175-176	23.4	5
16	CRISPR-based antimicrobials to obstruct antibiotic-resistant and pathogenic bacteria. <i>PLoS Pathogens</i> , 2021 , 17, e1009672	7.6	4
15	Molecular mechanisms of enterococcal-bacteriophage interactions and implications for human health. <i>Current Opinion in Microbiology</i> , 2020 , 56, 38-44	7.9	3
14	Complete Genome Sequence of Neonatal Clinical Group B Streptococcal Isolate CJB111. <i>Microbiology Resource Announcements</i> , 2021 , 10,	1.3	3
13	Bacteriophage-Bacteria Interactions in the Gut: From Invertebrates to Mammals. <i>Annual Review of Virology</i> , 2021 , 8, 95-113	14.6	3
12	<i>Enterococcus faecalis</i> CRISPR-Cas is a robust barrier to conjugative antibiotic resistance dissemination in the murine intestine		2
11	Conjugative delivery of CRISPR-Cas9 for the selective depletion of antibiotic-resistant enterococci		2

10	Evaluation of Bacteriophage Cocktails Alone and in Combination with Daptomycin Against Daptomycin-Nonsusceptible. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , AAC0162321	5.9	2
9	Dyeing to connect. <i>Nature Microbiology</i> , 2019 , 4, 2033-2034	26.6	2
8	AHL signals induce rubrifacine production in a brul mutant of <i>Brenneria rubrifaciens</i> . <i>Phytopathology</i> , 2012 , 102, 195-203	3.8	1
7	Parallel genomics uncover novel enterococcal-bacteriophage interactions		1
6	Microbial DNA on the move: sequencing based detection and analysis of transduced DNA in pure cultures and microbial communities		1
5	Phage infection and sub-lethal antibiotic exposure mediate <i>Enterococcus faecalis</i> type VII secretion system dependent inhibition of bystander bacteria		1
4	Lytic bacteriophages facilitate antibiotic sensitization of <i>Enterococcus faecium</i>		1
3	Bacteriophage resistance alters antibiotic mediated intestinal expansion of enterococci		1
2	Let Me Upgrade You: Impact of Mobile Genetic Elements on Enterococcal Adaptation and Evolution. <i>Journal of Bacteriology</i> , 2021 , 203, e0017721	3.5	1
1	Genetically distant bacteriophages select for unique genomic changes in <i>Enterococcus faecalis</i> .. <i>MicrobiologyOpen</i> , 2022 , 11, e1273	3.4	1