

Jason J Gill

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

3,097
citations

257450

24
h-index

168389

53
g-index

103
all docs

103
docs citations

103
times ranked

3526
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and Use of Personalized Bacteriophage-Based Therapeutic Cocktails To Treat a Patient with a Disseminated Resistant <i>Acinetobacter baumannii</i> Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	795
2	Phage Choice, Isolation, and Preparation for Phage Therapy. <i>Current Pharmaceutical Biotechnology</i> , 2010, 11, 2-14.	1.6	334
3	Efficacy and Pharmacokinetics of Bacteriophage Therapy in Treatment of Subclinical <i>Staphylococcus aureus</i> Mastitis in Lactating Dairy Cattle. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2912-2918.	3.2	145
4	Efficacy of Bacteriophage Therapy in a Model of <i>Burkholderia cenocepacia</i> Pulmonary Infection. <i>Journal of Infectious Diseases</i> , 2010, 201, 264-271.	4.0	134
5	Effects of zinc bacitracin, bird age and access to range on bacterial microbiota in the ileum and caeca of broiler chickens. <i>Journal of Applied Microbiology</i> , 2008, 104, 1372-1382.	3.1	120
6	Phage therapy redux—What is to be done?. <i>Science</i> , 2015, 350, 1163-1164.	12.6	113
7	Bacteriophages of <i>Erwinia amylovora</i> . <i>Applied and Environmental Microbiology</i> , 2003, 69, 2133-2138.	3.1	111
8	Galaxy and Apollo as a biologist-friendly interface for high-quality cooperative phage genome annotation. <i>PLoS Computational Biology</i> , 2020, 16, e1008214.	3.2	96
9	Bovine whey proteins inhibit the interaction of <i>Staphylococcus aureus</i> and bacteriophage K. <i>Journal of Applied Microbiology</i> , 2006, 101, 377-386.	3.1	94
10	Development and Validation of a Microtiter Plate-Based Assay for Determination of Bacteriophage Host Range and Virulence. <i>Viruses</i> , 2018, 10, 189.	3.3	90
11	The <i>Caulobacter crescentus</i> phage phiCbK: genomics of a canonical phage. <i>BMC Genomics</i> , 2012, 13, 542.	2.8	85
12	The habits of highly effective phages: population dynamics as a framework for identifying therapeutic phages. <i>Frontiers in Microbiology</i> , 2014, 5, 618.	3.5	66
13	Genomic and Biochemical Characterization of <i>Acinetobacter</i> Podophage Petty Reveals a Novel Lysis Mechanism and Tail-Associated Depolymerase Activity. <i>Journal of Virology</i> , 2018, 92, .	3.4	65
14	Genomic and Functional Analyses of <i>Rhodococcus equi</i> Phages ReqiPepy6, ReqiPoco6, ReqiPine5, and ReqiDocB7. <i>Applied and Environmental Microbiology</i> , 2011, 77, 669-683.	3.1	54
15	Molecular Typing and Distribution of <i>Staphylococcus aureus</i> Isolates in Eastern Canadian Dairy Herds. <i>Journal of Clinical Microbiology</i> , 2004, 42, 3449-3455.	3.9	53
16	Genomes and Characterization of Phages Bcep22 and BcepL02, Founders of a Novel Phage Type in <i>Burkholderia cenocepacia</i> . <i>Journal of Bacteriology</i> , 2011, 193, 5300-5313.	2.2	52
17	From farm management to bacteriophage therapy: strategies to reduce antibiotic use in animal agriculture. <i>Annals of the New York Academy of Sciences</i> , 2019, 1441, 31-39.	3.8	52
18	Role of phages in the pathogenesis of <i>Burkholderia</i> , or Where are the toxin genes in <i>Burkholderia</i> phages? <i>Current Opinion in Microbiology</i> , 2007, 10, 410-417.	5.1	50

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19	Cultivation of lipid-producing bacteria with lignocellulosic biomass: Effects of inhibitory compounds of lignocellulosic hydrolysates. <i>Bioresource Technology</i> , 2014, 161, 162-170.	9.6	50
20	Bacteriophages of wastewater foaming-associated filamentous <i>Gordonia</i> reduce host levels in raw activated sludge. <i>Scientific Reports</i> , 2015, 5, 13754.	3.3	49
21	Characterization of bacterial populations recovered from the teat canals of lactating dairy and beef cattle by 16S rRNA gene sequence analysis. <i>FEMS Microbiology Ecology</i> , 2006, 56, 471-481.	2.7	44
22	Genomic and Biological Analysis of Phage Xfas53 and Related Prophages of <i>Xylella fastidiosa</i> . <i>Journal of Bacteriology</i> , 2010, 192, 179-190.	2.2	39
23	The multicomponent antirestriction system of phage P1 is linked to capsid morphogenesis. <i>Molecular Microbiology</i> , 2017, 105, 399-412.	2.5	33
24	Phage-based extraction of polyhydroxybutyrate (PHB) produced from synthetic crude glycerol. <i>Science of the Total Environment</i> , 2016, 557-558, 317-321.	8.0	25
25	Bacteriophage application restores ethanol fermentation characteristics disrupted by <i>Lactobacillus fermentum</i> . <i>Biotechnology for Biofuels</i> , 2015, 8, 132.	6.2	24
26	Comparative genomics of <i>Acinetobacter baumannii</i> and therapeutic bacteriophages from a patient undergoing phage therapy. <i>Nature Communications</i> , 2022, 13, .	12.8	20
27	Evaluation of Commercial Prototype Bacteriophage Intervention Designed for Reducing O157 and Non-O157 Shiga-Toxigenic <i>Escherichia coli</i> (STEC) on Beef Cattle Hide. <i>Foods</i> , 2018, 7, 114.	4.3	19
28	Characterization of a Novel Tectiviruses Phage Toil and Its Potential as an Agent for Biolipid Extraction. <i>Scientific Reports</i> , 2018, 8, 1062.	3.3	18
29	Revised Genome Sequence of <i>Staphylococcus aureus</i> Bacteriophage K. <i>Genome Announcements</i> , 2014, 2, .	0.8	17
30	Prevalence and Characterization of <i>Salmonella enterica</i> and <i>Salmonella</i> Bacteriophages Recovered from Beef Cattle Feedlots in South Texas. <i>Journal of Food Protection</i> , 2016, 79, 1332-1340.	1.7	17
31	Practical and Theoretical Considerations for the Use of Bacteriophages in Food Systems. , 0, , 217-235.		15
32	Genome-wide screens reveal <i>Escherichia coli</i> genes required for growth of T1-like phage LL5 and V5-like phage LL12. <i>Scientific Reports</i> , 2020, 10, 8058.	3.3	15
33	Bacteriophages and phage-derived products as antibacterial therapeutics. <i>Expert Opinion on Therapeutic Patents</i> , 2007, 17, 1341-1350.	5.0	14
34	Comparative Genomics of Three Novel Jumbo Bacteriophages Infecting <i>Staphylococcus aureus</i> . <i>Journal of Virology</i> , 2021, 95, e0239120.	3.4	13
35	Sheep in wolves'™ clothing: Temperate T7-like bacteriophages and the origins of the Autographiviridae. <i>Virology</i> , 2022, 568, 86-100.	2.4	12
36	Modeling of bacteriophage therapy. , 2008, , 439-464.		10

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37	DNA Packaging and Genomics of the <i>Salmonella</i> 9NA-Like Phages. <i>Journal of Virology</i> , 2019, 93, .	3.4	8
38	Comparison of 2 fixatives in the porcine colon for in situ microbiota studies. <i>Journal of Animal Science</i> , 2019, 97, 4803-4809.	0.5	8
39	Effect of chronic and acute enterotoxigenic <i>E. coli</i> challenge on growth performance, intestinal inflammation, microbiome, and metabolome of weaned piglets. <i>Scientific Reports</i> , 2022, 12, 5024.	3.3	8
40	Complete Genome Sequence of <i>Stenotrophomonas</i> Phage Pokken. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	7
41	Crowdsourcing biocuration: The Community Assessment of Community Annotation with Ontologies (CACAO). <i>PLoS Computational Biology</i> , 2021, 17, e1009463.	3.2	7
42	New Insights into the Structure and Assembly of Bacteriophage P1. <i>Viruses</i> , 2022, 14, 678.	3.3	6
43	Complete Genome Sequence of <i>Salmonella enterica</i> Serovar Typhimurium Siphophage Skate. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	5
44	Complete Genome Sequence of <i>Klebsiella pneumoniae</i> Phage Sweeny. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	5
45	Complete Genome Sequence of <i>Klebsiella pneumoniae</i> Siphophage Seifer. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	5
46	Complete Genome Sequence of <i>Klebsiella pneumoniae</i> Siphophage Sugarland. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.6	4
47	Complete Genome Sequence of Enterotoxigenic <i>Escherichia coli</i> Siphophage LL5. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	4
48	Complete Genome Sequence of <i>Klebsiella pneumoniae</i> Jumbo Phage Miami. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	4
49	Differential Bacteriophage Efficacy in Controlling <i>Salmonella</i> in Cattle Hide and Soil Models. <i>Frontiers in Microbiology</i> , 2021, 12, 657524.	3.5	4
50	Complete Genome Sequence of <i>Escherichia coli</i> Myophage Mangalitsa. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	4
51	Complete Genome Sequence of <i>Escherichia coli</i> Phage Paul. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	4
52	Complete Genome Sequence of <i>Salmonella enterica</i> Serovar Typhimurium Siphophage Seabear. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	4
53	Complete Genome Sequence of <i>Salmonella enterica</i> Serovar Enteritidis Siphophage Seafire. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	4
54	Complete Genome Sequence of the Novel <i>Klebsiella pneumoniae</i> Phage Marfa. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	3

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55	Complete Genome Sequence of <i>Vibrio natriegens</i> Phage Phriendly. Microbiology Resource Announcements, 2019, 8, .	0.6	3
56	Complete Genome Sequence of <i>Proteus mirabilis</i> Phage Myduc. Microbiology Resource Announcements, 2019, 8, .	0.6	3
57	Complete Genome Sequence of <i>Klebsiella pneumoniae</i> Myophage Muenster. Microbiology Resource Announcements, 2021, 10, .	0.6	3
58	Complete Whole Genome Sequences of <i>Escherichia coli</i> Surrogate Strains and Comparison of Sequence Methods with Application to the Food Industry. Microorganisms, 2021, 9, 608.	3.6	3
59	Complete Genome Sequence of <i>Klebsiella pneumoniae</i> Podophage Pylas. Microbiology Resource Announcements, 2019, 8, .	0.6	3
60	Complete Genome Sequence of <i>Klebsiella pneumoniae</i> Myophage Mulock. Microbiology Resource Announcements, 2019, 8, .	0.6	3
61	Complete Genome Sequence of <i>Klebsiella pneumoniae</i> Myophage Magnus. Microbiology Resource Announcements, 2019, 8, .	0.6	3
62	Complete Genome Sequence of <i>Staphylococcus aureus</i> Siphophage Sebago. Microbiology Resource Announcements, 2019, 8, .	0.6	2
63	Complete Genome Sequence of Enterotoxigenic <i>Escherichia coli</i> Myophage LL12. Microbiology Resource Announcements, 2019, 8, .	0.6	2
64	Complete Genome Sequence of <i>Salmonella enterica</i> Serovar Typhimurium Myophage Mutine. Microbiology Resource Announcements, 2019, 8, .	0.6	2
65	Complete Genome Sequence of <i>Salmonella enterica</i> Serovar Typhimurium Siphophage Siskin. Microbiology Resource Announcements, 2019, 8, .	0.6	2
66	Complete Genome Sequence of <i>Salmonella enterica</i> Serovar Enteritidis Myophage Mooltan. Microbiology Resource Announcements, 2019, 8, .	0.6	2
67	Complete Genome Sequence of Shelby, a Siphophage Infecting Carbapenemase-Producing <i>Klebsiella pneumoniae</i> . Microbiology Resource Announcements, 2019, 8, .	0.6	2
68	Dual-function oleaginous biocatalysts for non-sterile cultivation and solvent-free biolipid bioextraction to reduce biolipid-based biofuel production costs. Science of the Total Environment, 2021, 758, 143969.	8.0	2
69	Isolation and characterization of novel phage (Podoviridae É_ParuNE1) and its efficacy against multi-drug-resistant <i>Pseudomonas aeruginosa</i> planktonic cells and biofilm. Beni-Suef University Journal of Basic and Applied Sciences, 2021, 10, .	2.0	2
70	Complete Genome Sequence of <i>Staphylococcus aureus</i> Myophage Maine. Microbiology Resource Announcements, 2019, 8, .	0.6	2
71	Complete Genome Sequence of <i>Klebsiella pneumoniae</i> Siphophage Skenny. Microbiology Resource Announcements, 2019, 8, .	0.6	2
72	Complete Genome Sequence of <i>Xanthomonas</i> Siphophage Samson. Microbiology Resource Announcements, 2019, 8, .	0.6	2

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73	Complete Genome Sequence of <i>Klebsiella pneumoniae</i> Siphophage Sanco. Microbiology Resource Announcements, 2019, 8, .	0.6	2
74	Complete Genome Sequence of <i>Citrobacter freundii</i> Myophage Maleficent. Microbiology Resource Announcements, 2019, 8, .	0.6	2
75	Complete Genome Sequence of <i>Citrobacter freundii</i> Myophage Mijalis. Genome Announcements, 2017, 5, .	0.8	1
76	Complete Genome Sequence of Enterotoxigenic <i>Escherichia coli</i> Podophage LL11. Microbiology Resource Announcements, 2019, 8, .	0.6	1
77	Complete Genome Sequence of <i>Salmonella enterica</i> Serovar Heidelberg Myophage Meda. Microbiology Resource Announcements, 2019, 8, .	0.6	1
78	Complete Genome Sequence of <i>Burkholderia cenocepacia</i> Phage Mica. Microbiology Resource Announcements, 2021, 10, .	0.6	1
79	Complete Genome Sequence of <i>Burkholderia gladioli</i> Myophage Mana. Microbiology Resource Announcements, 2021, 10, .	0.6	1
80	The Selection and Optimization of Phage Hosts. , 2021, , 689-698.		1
81	Complete Genome Sequence of Sin4, a Siphophage Infecting Carbapenemase-Producing <i>Klebsiella pneumoniae</i> . Microbiology Resource Announcements, 2019, 8, .	0.6	1
82	Complete Genome Sequence of <i>Salmonella enterica</i> Siphophage Shelanagig. Microbiology Resource Announcements, 2019, 8, .	0.6	1
83	Complete Genome Sequence of <i>Salmonella enterica</i> Myophage Matapan. Microbiology Resource Announcements, 2019, 8, .	0.6	1
84	Complete Genome Sequence of <i>Proteus mirabilis</i> Siphophage Saba. Microbiology Resource Announcements, 2019, 8, .	0.6	1
85	Complete Genome Sequence of <i>Burkholderia cenocepacia</i> Phage Paku. Microbiology Resource Announcements, 2022, , e0122021.	0.6	1
86	Complete Genome Sequence of <i>Salmonella enterica</i> Serovar Heidelberg Siphophage Sepoy. Microbiology Resource Announcements, 2019, 8, .	0.6	0
87	Complete Genome Sequence of <i>Salmonella enterica</i> Serovar Newport Myophage Melville. Microbiology Resource Announcements, 2019, 8, .	0.6	0
88	Complete Genome Sequence of <i>Proteus mirabilis</i> Phage Mydo. Microbiology Resource Announcements, 2019, 8, .	0.6	0
89	Complete Genome Sequence of <i>Citrobacter freundii</i> Siphophage Sazh. Microbiology Resource Announcements, 2019, 8, .	0.6	0
90	Complete Genome Sequence of <i>Salmonella enterica</i> Siphophage Shemara. Microbiology Resource Announcements, 2020, 9, .	0.6	0

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91	Complete Genome Sequence of <i>Klebsiella aerogenes</i> Siphophage Solomon. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	0
92	Complete Genome Sequence of <i>Klebsiella aerogenes</i> Myophage Metamorpho. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	0
93	Complete Genome Sequence of <i>Burkholderia cenocepacia</i> Phage Magia. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	0
94	Complete Genome Sequence of <i>Klebsiella pneumoniae</i> Podophage Pone. <i>Microbiology Resource Announcements</i> , 2021, 10, e0140520.	0.6	0
95	Solvent Extraction of <i>Klebsiella pneumoniae</i> Bacteriophage Lysates with 1-Dodecanol Results in Endotoxin Reduction with Low Risk of Solvent Contamination. <i>Phage</i> , 2021, 2, 112-119.	1.7	0
96	Coding-Complete Genome Sequence of <i>Staphylococcus aureus</i> Podophage Portland. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	0
97	The Selection and Optimization of Phage Hosts. , 2020, , 1-10.		0