

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

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103
all docs

103
docs citations

103
times ranked

3526
citing authors

#	ARTICLE	IF	CITATIONS
1	Sheep in wolvesâ€™ clothing: Temperate T7-like bacteriophages and the origins of the Autographiviridae. <i>Virology</i> , 2022, 568, 86-100.	2.4	12
2	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
3	New Insights into the Structure and Assembly of Bacteriophage P1. <i>Viruses</i> , 2022, 14, 678.	3.3	6
4	Complete Genome Sequence of <i>Burkholderia cenocepacia</i> Phage Paku. <i>Microbiology Resource Announcements</i> , 2022, , e0122021.	0.6	1
5	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
6	Complete Genome Sequence of <i>Klebsiella aerogenes</i> Siphophage Solomon. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	0
7	Complete Genome Sequence of <i>Klebsiella pneumoniae</i> Myophage Muenster. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	3
8	Complete Genome Sequence of <i>Klebsiella pneumoniae</i> Jumbo Phage Miami. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	4
9	Complete Genome Sequence of <i>Klebsiella aerogenes</i> Myophage Metamorpho. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	0
10	Complete Genome Sequence of <i>Burkholderia cenocepacia</i> Phage Mica. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	1
11	Complete Genome Sequence of <i>Burkholderia cenocepacia</i> Phage Magia. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	0
12	Dual-function oleaginous biocatalysts for non-sterile cultivation and solvent-free biolipid bioextraction to reduce biolipid-based biofuel production costs. <i>Science of the Total Environment</i> , 2021, 758, 143969.	8.0	2
13	Complete Whole Genome Sequences of <i>Escherichia coli</i> Surrogate Strains and Comparison of Sequence Methods with Application to the Food Industry. <i>Microorganisms</i> , 2021, 9, 608.	3.6	3
14	Complete Genome Sequence of <i>Burkholderia gladioli</i> Myophage Mana. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	1
15	Complete Genome Sequence of <i>Klebsiella pneumoniae</i> Podophage Pone. <i>Microbiology Resource Announcements</i> , 2021, 10, e0140520.	0.6	0
16	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
17	Isolation and characterization of novel phage (Podoviridae ÉParuNE1) and its efficacy against multi-drug-resistant <i>Pseudomonas aeruginosa</i> planktonic cells and biofilm. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2021, 10, .	2.0	2
18	Comparative Genomics of Three Novel Jumbo Bacteriophages Infecting <i>Staphylococcus aureus</i> . <i>Journal of Virology</i> , 2021, 95, e0239120.	3.4	13

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19	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
20	The Selection and Optimization of Phage Hosts. , 2021, , 689-698.		1
21	Crowdsourcing biocuration: The Community Assessment of Community Annotation with Ontologies (CACAO). <i>PLoS Computational Biology</i> , 2021, 17, e1009463.	3.2	7
22	Complete Genome Sequence of <i>Salmonella enterica</i> Siphophage Shemara. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	0
23	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
24	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
25	The Selection and Optimization of Phage Hosts. , 2020, , 1-10.		0
26	Complete Genome Sequence of Enterotoxigenic <i>Escherichia coli</i> Podophage LL11. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	1
27	Complete Genome Sequence of the Novel <i>Klebsiella pneumoniae</i> Phage Marfa. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	3
28	Complete Genome Sequence of <i>Staphylococcus aureus</i> Siphophage Sebago. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	2
29	Complete Genome Sequence of Enterotoxigenic <i>Escherichia coli</i> Myophage LL12. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	2
30	Complete Genome Sequence of <i>Salmonella enterica</i> Serovar Heidelberg Siphophage Sepoy. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	0
31	Complete Genome Sequence of <i>Salmonella enterica</i> Serovar Typhimurium Siphophage Skate. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	5
32	Complete Genome Sequence of Enterotoxigenic <i>Escherichia coli</i> Siphophage LL5. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	4
33	DNA Packaging and Genomics of the <i>Salmonella</i> <i>9NA-Like Phages. <i>Journal of Virology</i> , 2019, 93, .	3.4	8
34	Complete Genome Sequence of <i>Salmonella enterica</i> Serovar Typhimurium Myophage Mutine. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	2
35	Complete Genome Sequence of <i>Salmonella enterica</i> Serovar Typhimurium Siphophage Siskin. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	2
36	Complete Genome Sequence of <i>Salmonella enterica</i> Serovar Heidelberg Myophage Meda. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	1

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37	Complete Genome Sequence of Salmonella enterica Serovar Newport Myophage Melville. Microbiology Resource Announcements, 2019, 8, .	0.6	0
38	Complete Genome Sequence of Salmonella enterica Serovar Enteritidis Myophage Mooltan. Microbiology Resource Announcements, 2019, 8, .	0.6	2
39	From farm management to bacteriophage therapy: strategies to reduce antibiotic use in animal agriculture. Annals of the New York Academy of Sciences, 2019, 1441, 31-39.	3.8	52
40	Complete Genome Sequence of Proteus mirabilis Phage Mydo. Microbiology Resource Announcements, 2019, 8, .	0.6	0
41	Complete Genome Sequence of Citrobacter freundii Siphophage Sazh. Microbiology Resource Announcements, 2019, 8, .	0.6	0
42	Complete Genome Sequence of Vibrio natriegens Phage Phriendly. Microbiology Resource Announcements, 2019, 8, .	0.6	3
43	Complete Genome Sequence of Proteus mirabilis Phage Myduc. Microbiology Resource Announcements, 2019, 8, .	0.6	3
44	Comparison of 2 fixatives in the porcine colon for in situ microbiota studies. Journal of Animal Science, 2019, 97, 4803-4809.	0.5	8
45	Complete Genome Sequence of Shelby, a Siphophage Infecting Carbapenemase-Producing Klebsiella pneumoniae. Microbiology Resource Announcements, 2019, 8, .	0.6	2
46	Complete Genome Sequence of Escherichia coli Myophage Mangalitsa. Microbiology Resource Announcements, 2019, 8, .	0.6	4
47	Complete Genome Sequence of Klebsiella pneumoniae Phage Sweeny. Microbiology Resource Announcements, 2019, 8, .	0.6	5
48	Complete Genome Sequence of Staphylococcus aureus Myophage Maine. Microbiology Resource Announcements, 2019, 8, .	0.6	2
49	Complete Genome Sequence of Escherichia coli Phage Paul. Microbiology Resource Announcements, 2019, 8, .	0.6	4
50	Complete Genome Sequence of Stenotrophomonas Phage Pokken. Microbiology Resource Announcements, 2019, 8, .	0.6	7
51	Complete Genome Sequence of Salmonella enterica Serovar Typhimurium Siphophage Seabear. Microbiology Resource Announcements, 2019, 8, .	0.6	4
52	Complete Genome Sequence of Klebsiella pneumoniae Podophage Pylas. Microbiology Resource Announcements, 2019, 8, .	0.6	3
53	Complete Genome Sequence of Klebsiella pneumoniae Myophage Mulock. Microbiology Resource Announcements, 2019, 8, .	0.6	3
54	Complete Genome Sequence of Klebsiella pneumoniae Myophage Magnus. Microbiology Resource Announcements, 2019, 8, .	0.6	3

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55	Complete Genome Sequence of Sin4, a Siphophage Infecting Carbapenemase-Producing <i>Klebsiella pneumoniae</i> . <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	1
56	Complete Genome Sequence of <i>Klebsiella pneumoniae</i> Siphophage Skenny. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	2
57	Complete Genome Sequence of <i>Salmonella enterica</i> Siphophage Shelanagig. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	1
58	Complete Genome Sequence of <i>Salmonella enterica</i> Myophage Matapan. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	1
59	Complete Genome Sequence of <i>Xanthomonas</i> Siphophage Samson. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	2
60	Complete Genome Sequence of <i>Salmonella enterica</i> Serovar Enteritidis Siphophage Seafire. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	4
61	Complete Genome Sequence of <i>Proteus mirabilis</i> Siphophage Saba. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	1
62	Complete Genome Sequence of <i>Klebsiella pneumoniae</i> Siphophage Sanco. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	2
63	Complete Genome Sequence of <i>Klebsiella pneumoniae</i> Siphophage Seifer. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	5
64	Coding-Complete Genome Sequence of <i>Staphylococcus aureus</i> Podophage Portland. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	0
65	Complete Genome Sequence of <i>Citrobacter freundii</i> Myophage Maleficent. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	2
66	Characterization of a Novel Tectivirus Phage Toil and Its Potential as an Agent for Biolipid Extraction. <i>Scientific Reports</i> , 2018, 8, 1062.	3.3	18
67	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
68	Complete Genome Sequence of <i>Klebsiella pneumoniae</i> Siphophage Sugarland. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.6	4
69	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
70	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
71	The multicomponent antirestriction system of phage P1 is linked to capsid morphogenesis. <i>Molecular Microbiology</i> , 2017, 105, 399-412.	2.5	33
72	Complete Genome Sequence of <i>Citrobacter freundii</i> Myophage Mijalis. <i>Genome Announcements</i> , 2017, 5, .	0.8	1

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73	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
74	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
75	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
76	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
77	Bacteriophage application restores ethanol fermentation characteristics disrupted by <i>Lactobacillus fermentum</i> . <i>Biotechnology for Biofuels</i> , 2015, 8, 132.	6.2	24
78	Phage therapy redux—What is to be done?. <i>Science</i> , 2015, 350, 1163-1164.	12.6	113
79	Revised Genome Sequence of <i>Staphylococcus aureus</i> Bacteriophage K. <i>Genome Announcements</i> , 2014, 2, .	0.8	17
80	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
81	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
82	The <i>Caulobacter crescentus</i> phage phiCbK: genomics of a canonical phage. <i>BMC Genomics</i> , 2012, 13, 542.	2.8	85
83	Genomes and Characterization of Phages Bcep22 and BcepLL02, Founders of a Novel Phage Type in <i>Burkholderia cenocepacia</i> . <i>Journal of Bacteriology</i> , 2011, 193, 5300-5313.	2.2	52
84	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
85	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
86	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
87	Phage Choice, Isolation, and Preparation for Phage Therapy. <i>Current Pharmaceutical Biotechnology</i> , 2010, 11, 2-14.	1.6	334
88	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
89	Modeling of bacteriophage therapy. , 2008, , 439-464.		10
90	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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91	Bacteriophages and phage-derived products as antibacterial therapeutics. Expert Opinion on Therapeutic Patents, 2007, 17, 1341-1350.	5.0	14
92	Characterization of bacterial populations recovered from the teat canals of lactating dairy and beef cattle by 16S rRNA gene sequence analysis. FEMS Microbiology Ecology, 2006, 56, 471-481.	2.7	44
93	Bovine whey proteins inhibit the interaction of Staphylococcus aureus and bacteriophage K. Journal of Applied Microbiology, 2006, 101, 377-386.	3.1	94
94	Efficacy and Pharmacokinetics of Bacteriophage Therapy in Treatment of Subclinical Staphylococcus aureus Mastitis in Lactating Dairy Cattle. Antimicrobial Agents and Chemotherapy, 2006, 50, 2912-2918.	3.2	145
95	Molecular Typing and Distribution of Staphylococcus aureus Isolates in Eastern Canadian Dairy Herds. Journal of Clinical Microbiology, 2004, 42, 3449-3455.	3.9	53
96	Bacteriophages of Erwinia amylovora. Applied and Environmental Microbiology, 2003, 69, 2133-2138.	3.1	111
97	Practical and Theoretical Considerations for the Use of Bacteriophages in Food Systems. , 0, , 217-235.		15