

Daniel A Russell

List of Publications by Year in descending order

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28
papers

3,243
citations

430874

18
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

2750
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineered bacteriophages for treatment of a patient with a disseminated drug-resistant <i>Mycobacterium abscessus</i> . <i>Nature Medicine</i> , 2019, 25, 730-733.	30.7	907
2	A Broadly Implementable Research Course in Phage Discovery and Genomics for First-Year Undergraduate Students. <i>MBio</i> , 2014, 5, e01051-13.	4.1	424
3	PhagesDB: the actinobacteriophage database. <i>Bioinformatics</i> , 2017, 33, 784-786.	4.1	310
4	Whole genome comparison of a large collection of mycobacteriophages reveals a continuum of phage genetic diversity. <i>ELife</i> , 2015, 4, e06416.	6.0	280
5	Comparative Genomic Analysis of 60 Mycobacteriophage Genomes: Genome Clustering, Gene Acquisition, and Gene Size. <i>Journal of Molecular Biology</i> , 2010, 397, 119-143.	4.2	274
6	Sequencing, Assembling, and Finishing Complete Bacteriophage Genomes. <i>Methods in Molecular Biology</i> , 2018, 1681, 109-125.	0.9	212
7	Prophage-mediated defence against viral attack and viral counter-defence. <i>Nature Microbiology</i> , 2017, 2, 16251.	13.3	196
8	Bacteriophages of <i>Gordonia</i> spp. Display a Spectrum of Diversity and Genetic Relationships. <i>MBio</i> , 2017, 8, .	4.1	135
9	Toward a Phage Cocktail for Tuberculosis: Susceptibility and Tuberculocidal Action of Mycobacteriophages against Diverse <i>Mycobacterium tuberculosis</i> Strains. <i>MBio</i> , 2021, 12, .	4.1	56
10	Mycobacteriophages BPs, Angel and Halo: comparative genomics reveals a novel class of ultra-small mobile genetic elements. <i>Microbiology (United Kingdom)</i> , 2009, 155, 2962-2977.	1.8	53
11	Cluster M Mycobacteriophages Bongo, PegLeg, and Rey with Unusually Large Repertoires of tRNA Isotypes. <i>Journal of Virology</i> , 2014, 88, 2461-2480.	3.4	52
12	Genomic diversity of bacteriophages infecting <i>Microbacterium</i> spp. <i>PLoS ONE</i> , 2020, 15, e0234636.	2.5	50
13	<i>Mycobacterium abscessus</i> Strain Morphotype Determines Phage Susceptibility, the Repertoire of Therapeutically Useful Phages, and Phage Resistance. <i>MBio</i> , 2021, 12, .	4.1	43
14	Genomics and Proteomics of Mycobacteriophage Patience, an Accidental Tourist in the <i>Mycobacterium</i> Neighborhood. <i>MBio</i> , 2014, 5, e02145.	4.1	39
15	Tales of diversity: Genomic and morphological characteristics of forty-six <i>Arthrobacter</i> phages. <i>PLoS ONE</i> , 2017, 12, e0180517.	2.5	38
16	Evolutionary Relationships among Actinophages and a Putative Adaptation for Growth in <i>Streptomyces</i> spp. <i>Journal of Bacteriology</i> , 2013, 195, 4924-4935.	2.2	37
17	The Prophage and Plasmid Mobilome as a Likely Driver of <i>Mycobacterium abscessus</i> Diversity. <i>MBio</i> , 2021, 12, .	4.1	32
18	Function, expression, specificity, diversity and incompatibility of actinobacteriophage <i>parABS</i> systems. <i>Molecular Microbiology</i> , 2016, 101, 625-644.	2.5	29

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19	A Mycobacterial Systems Resource for the Research Community. <i>MBio</i> , 2021, 12, .	4.1	20
20	DEPhT: a novel approach for efficient prophage discovery and precise extraction. <i>Nucleic Acids Research</i> , 2022, 50, e75-e75.	14.5	13
21	Complete Genome Sequence of <i>Microbacterium foliorum</i> NRRL B-24224, a Host for Bacteriophage Discovery. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	12
22	Complete Genome Sequence of <i>Arthrobacter</i> sp. ATCC 21022, a Host for Bacteriophage Discovery. <i>Genome Announcements</i> , 2016, 4, .	0.8	11
23	Complete Genome Sequences of 38 <i>Gordonia</i> sp. Bacteriophages. <i>Genome Announcements</i> , 2017, 5, .	0.8	7
24	Genome Sequence of <i>Mycobacterium abscessus</i> Phage phiT46-1. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	6
25	Genome Sequences of 20 Bacteriophages Isolated on <i>Gordonia terrae</i> . <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	3
26	Eight Genome Sequences of Cluster BE1 Phages That Infect <i>Streptomyces</i> Species. <i>Genome Announcements</i> , 2018, 6, .	0.8	2
27	Genome Sequence of <i>Mycobacterium abscessus</i> Phage phiT45-1. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	2
28	Genome Sequences of Three <i>Microbacterium</i> Phages Isolated from Flowers. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	0