

# Jeremy J Barr

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

5,173  
citations

257450

24  
h-index

206112

48  
g-index

60  
all docs

60  
docs citations

60  
times ranked

5422  
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	Bacteriophage adhering to mucus provide a non-“host-derived immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10771-10776.	7.1	753
3	A highly abundant bacteriophage discovered in the unknown sequences of human faecal metagenomes. <i>Nature Communications</i> , 2014, 5, 4498.	12.8	617
4	Phage Therapy in the Postantibiotic Era. <i>Clinical Microbiology Reviews</i> , 2019, 32, .	13.6	505
5	Bacteriophage Transcytosis Provides a Mechanism To Cross Epithelial Cell Layers. <i>MBio</i> , 2017, 8, .	4.1	273
6	Interactions between Bacteriophage, Bacteria, and the Mammalian Immune System. <i>Viruses</i> , 2019, 11, 10.	3.3	236
7	Phage on tap—a quick and efficient protocol for the preparation of bacteriophage laboratory stocks. <i>PeerJ</i> , 2016, 4, e2261.	2.0	233
8	Global phylogeography and ancient evolution of the widespread human gut virus crAssphage. <i>Nature Microbiology</i> , 2019, 4, 1727-1736.	13.3	184
9	A bacteriophages journey through the human body. <i>Immunological Reviews</i> , 2017, 279, 106-122.	6.0	182
10	Subdiffusive motion of bacteriophage in mucosal surfaces increases the frequency of bacterial encounters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13675-13680.	7.1	176
11	Bacteriophage-resistant <i>Acinetobacter baumannii</i> are resensitized to antimicrobials. <i>Nature Microbiology</i> , 2021, 6, 157-161.	13.3	159
12	Expanding our view of genomic diversity in <i>Candidatus</i> ... <i>Accumulibacter</i> clades. <i>Environmental Microbiology</i> , 2015, 17, 1574-1585.	3.8	98
13	Unlocking the next generation of phage therapy: the key is in the receptors. <i>Current Opinion in Biotechnology</i> , 2021, 68, 115-123.	6.6	81
14	Granule Formation Mechanisms within an Aerobic Wastewater System for Phosphorus Removal. <i>Applied and Environmental Microbiology</i> , 2010, 76, 7588-7597.	3.1	76
15	Bacteriophage uptake by mammalian cell layers represents a potential sink that may impact phage therapy. <i>IScience</i> , 2021, 24, 102287.	4.1	68
16	Innate and acquired bacteriophage-mediated immunity. <i>Bacteriophage</i> , 2013, 3, e25857.	1.9	62
17	Evidence for bacteriophage activity causing community and performance changes in a phosphorus-removal activated sludge. <i>FEMS Microbiology Ecology</i> , 2010, 74, 631-642.	2.7	59
18	Metagenomic and metaproteomic analyses of <i>Accumulibacter phosphatis</i> -enriched floccular and granular biofilm. <i>Environmental Microbiology</i> , 2016, 18, 273-287.	3.8	51

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19	The Virome of Cerebrospinal Fluid: Viruses Where We Once Thought There Were None. <i>Frontiers in Microbiology</i> , 2019, 10, 2061.	3.5	48
20	Genetic association study of CYP1A1 polymorphisms identifies risk haplotypes in nonsmall cell lung cancer. <i>European Respiratory Journal</i> , 2010, 35, 152-159.	6.7	44
21	Phage-antibiotic combination is a superior treatment against <i>Acinetobacter baumannii</i> in a preclinical study. <i>EBioMedicine</i> , 2022, 80, 104045.	6.1	40
22	Pandemic pharmaceutical dosing effects on wastewater treatment: no adaptation of activated sludge bacteria to degrade the antiviral drug Oseltamivir (Tamiflu®) and loss of nutrient removal performance. <i>FEMS Microbiology Letters</i> , 2011, 315, 17-22.	1.8	38
23	Dynamic microbial response of sulfidogenic wastewater biofilm to nitrate. <i>Applied Microbiology and Biotechnology</i> , 2011, 91, 1647-1657.	3.6	36
24	Rethinking phage-bacteria-eukaryotic relationships and their influence on human health. <i>Cell Host and Microbe</i> , 2021, 29, 681-688.	11.0	36
25	Phages to shape the gut microbiota?. <i>Current Opinion in Biotechnology</i> , 2021, 68, 89-95.	6.6	34
26	Host diversity slows bacteriophage adaptation by selecting generalists over specialists. <i>Nature Ecology and Evolution</i> , 2021, 5, 350-359.	7.8	32
27	Impact of bacteria motility in the encounter rates with bacteriophage in mucus. <i>Scientific Reports</i> , 2019, 9, 16427.	3.3	28
28	Phage on Tap: A Quick and Efficient Protocol for the Preparation of Bacteriophage Laboratory Stocks. <i>Methods in Molecular Biology</i> , 2018, 1838, 37-46.	0.9	20
29	A metagenomic approach to characterize temperate bacteriophage populations from Cystic Fibrosis and non-Cystic Fibrosis bronchiectasis patients. <i>Frontiers in Microbiology</i> , 2015, 6, 97.	3.5	19
30	Bacteriophages evolve enhanced persistence to a mucosal surface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	17
31	Further limitations of phylogenetic group-specific probes used for detection of bacteria in environmental samples. <i>ISME Journal</i> , 2010, 4, 959-961.	9.8	12
32	Viable virus aerosol propagation by positive airway pressure circuit leak and mitigation with a ventilated patient hood. <i>European Respiratory Journal</i> , 2021, 57, 2003666.	6.7	12
33	Comparative metabolomics revealed key pathways associated with the synergistic killing of multidrug-resistant <i>Klebsiella pneumoniae</i> by a bacteriophage-polymyxin combination. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 485-495.	4.1	12
34	Viruses and the origin of microbiome selection and immunity. <i>ISME Journal</i> , 2017, 11, 835-840.	9.8	11
35	Fit-Tested N95 Masks Combined With Portable High-Efficiency Particulate Air Filtration Can Protect Against High Aerosolized Viral Loads Over Prolonged Periods at Close Range. <i>Journal of Infectious Diseases</i> , 2022, 226, 199-207.	4.0	11
36	Missing a Phage: Unraveling Tripartite Symbioses within the Human Gut. <i>MSystems</i> , 2019, 4, .	3.8	9

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37	Temporal Stability and Genetic Diversity of 48-Year-Old T-Series Phages. <i>MSystems</i> , 2021, 6, .	3.8	9
38	Phage Cocktail Targeting STEC O157:H7 Has Comparable Efficacy and Superior Recovery Compared with Enrofloxacin in an Enteric Murine Model. <i>Microbiology Spectrum</i> , 2022, 10, e0023222.	3.0	9
39	Precision Engineers: Bacteriophages Modulate the Gut Microbiome and Metabolome. <i>Cell Host and Microbe</i> , 2019, 25, 771-773.	11.0	7
40	Screening for Lysogen Activity in Therapeutically Relevant Bacteriophages. <i>Bio-protocol</i> , 2021, 11, e3997.	0.4	6
41	Component Parts of Bacteriophage Virions Accurately Defined by a Machine-Learning Approach Built on Evolutionary Features. <i>MSystems</i> , 2021, 6, e0024221.	3.8	6
42	Phage Interaction with the Mammalian Immune System. , 2019, , 91-122.		6
43	Engineering laminated paper for SARS-CoV-2 medical gowns. <i>Polymer</i> , 2021, 222, 123643.	3.8	5
44	Phage research in "organ-on-chip"™ devices. <i>Microbiology Australia</i> , 2019, 40, 28.	0.4	5
45	Protocols for studying bacteriophage interactions with in vitro epithelial cell layers. <i>STAR Protocols</i> , 2021, 2, 100697.	1.2	4
46	Point of emission air filtration enhances protection of healthcare workers against skin contamination with virus aerosol. <i>Respirology</i> , 2022, , .	2.3	4
47	Bacteriophages. <i>Microbiology Australia</i> , 2019, 40, 3.	0.4	2
48	Introduction of the Bacteriophage Biology & Therapeutics SIG. <i>Microbiology Australia</i> , 2019, 40, 51.	0.4	0