

Benjamin K Chan

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,345
citations

623734

14
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

2095
citing authors

#	ARTICLE	IF	CITATIONS
1	Phage Therapy: A Renewed Approach to Combat Antibiotic-Resistant Bacteria. <i>Cell Host and Microbe</i> , 2019, 25, 219-232.	11.0	657
2	Phage selection restores antibiotic sensitivity in MDR <i>Pseudomonas aeruginosa</i> . <i>Scientific Reports</i> , 2016, 6, 26717.	3.3	479
3	Phage treatment of an aortic graft infected with <i>Pseudomonas aeruginosa</i> . <i>Evolution, Medicine and Public Health</i> , 2018, 2018, 60-66.	2.5	347
4	Pleiotropy complicates a trade-off between phage resistance and antibiotic resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11207-11216.	7.1	159
5	Considerations for the Use of Phage Therapy in Clinical Practice. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, AAC0207121.	3.2	151
6	Current State of Compassionate Phage Therapy. <i>Viruses</i> , 2019, 11, 343.	3.3	144
7	High-throughput discovery of phage receptors using transposon insertion sequencing of bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18670-18679.	7.1	83
8	Quantitative Models of Phage-Antibiotic Combination Therapy. <i>MSystems</i> , 2020, 5, .	3.8	73
9	Phage steering of antibiotic-resistance evolution in the bacterial pathogen, <i>Pseudomonas aeruginosa</i> . <i>Evolution, Medicine and Public Health</i> , 2020, 2020, 148-157.	2.5	53
10	Bacteriophage therapy for infections in CF. <i>Pediatric Pulmonology</i> , 2021, 56, S4-S9.	2.0	36
11	Hydrogen peroxide vapor decontamination of N95 respirators for reuse. <i>Infection Control and Hospital Epidemiology</i> , 2022, 43, 45-47.	1.8	31
12	Successful Treatment of a Recalcitrant <i>Staphylococcus epidermidis</i> Prosthetic Knee Infection with Intraoperative Bacteriophage Therapy. <i>Pharmaceuticals</i> , 2021, 14, 231.	3.8	28
13	Quantifying the Evolutionary Conservation of Genes Encoding Multidrug Efflux Pumps in the ESKAPE Pathogens To Identify Antimicrobial Drug Targets. <i>MSystems</i> , 2018, 3, .	3.8	20
14	Parallel Evolution of Host-Attachment Proteins in Phage PP01 Populations Adapting to <i>Escherichia coli</i> O157:H7. <i>Pharmaceuticals</i> , 2018, 11, 60.	3.8	20
15	Evolution of Bacterial Cross-Resistance to Lytic Phages and Albicidin Antibiotic. <i>Frontiers in Microbiology</i> , 2021, 12, 658374.	3.5	14
16	Decay and damage of therapeutic phage OMKO1 by environmental stressors. <i>PLoS ONE</i> , 2022, 17, e0263887.	2.5	14
17	Salphage: Salvage Bacteriophage Therapy for Recalcitrant MRSA Prosthetic Joint Infection. <i>Antibiotics</i> , 2022, 11, 616.	3.7	13
18	Extending the lifetime of antibiotics: how can phage therapy help?. <i>Future Microbiology</i> , 2016, 11, 1105-1107.	2.0	11

#	ARTICLE	IF	CITATIONS
19	Advancing phage therapy through the lens of virus host-breadth and emergence potential. <i>Advances in Virus Research</i> , 2021, 111, 63-110.	2.1	7
20	Publisher's Note: Phage treatment of an aortic graft infected with <i>Pseudomonas aeruginosa</i> . <i>Evolution, Medicine and Public Health</i> , 2019, 2019, 35.	2.5	3