Benjamin K Chan

List of Publications by Year
in descending order

20 papers	2,345 citations	706676 14 h-index	843174 20 g-index
21 all docs	21 docs citations	21 times ranked	2257 citing authors

#	Article	IF	Citations
1	Hydrogen peroxide vapor decontamination of N95 respirators for reuse. Infection Control and Hospital Epidemiology, 2022, 43, 45-47.	1.0	31
2	Considerations for the Use of Phage Therapy in Clinical Practice. Antimicrobial Agents and Chemotherapy, 2022, 66, AAC0207121.	1.4	151
3	Decay and damage of therapeutic phage OMKO1 by environmental stressors. PLoS ONE, 2022, 17, e0263887.	1.1	14
4	Salphage: Salvage Bacteriophage Therapy for Recalcitrant MRSA Prosthetic Joint Infection. Antibiotics, 2022, 11, 616.	1.5	13
5	Bacteriophage therapy for infections in CF. Pediatric Pulmonology, 2021, 56, S4-S9.	1.0	36
6	Successful Treatment of a Recalcitrant Staphylococcus epidermidis Prosthetic Knee Infection with Intraoperative Bacteriophage Therapy. Pharmaceuticals, 2021, 14, 231.	1.7	28
7	Evolution of Bacterial Cross-Resistance to Lytic Phages and Albicidin Antibiotic. Frontiers in Microbiology, 2021, 12, 658374.	1.5	14
8	Advancing phage therapy through the lens of virus host-breadth and emergence potential. Advances in Virus Research, 2021, 111, 63-110.	0.9	7
9	Phage steering of antibiotic-resistance evolution in the bacterial pathogen, Pseudomonas aeruginosa. Evolution, Medicine and Public Health, 2020, 2020, 148-157.	1.1	53
10	High-throughput discovery of phage receptors using transposon insertion sequencing of bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18670-18679.	3.3	83
11	Pleiotropy complicates a trade-off between phage resistance and antibiotic resistance. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11207-11216.	3.3	159
12	Quantitative Models of Phage-Antibiotic Combination Therapy. MSystems, 2020, 5, .	1.7	73
13	Current State of Compassionate Phage Therapy. Viruses, 2019, 11, 343.	1.5	144
14	Publisherâ€™s Note: Phage treatment of an aortic graft infected with Pseudomonas aeruginosa. Evolution, Medicine and Public Health, 2019, 2019, 35.	1.1	3
15	Phage Therapy: A Renewed Approach to Combat Antibiotic-Resistant Bacteria. Cell Host and Microbe, 2019, 25, 219-232.	5.1	657
16	Quantifying the Evolutionary Conservation of Genes Encoding Multidrug Efflux Pumps in the ESKAPE Pathogens To Identify Antimicrobial Drug Targets. MSystems, 2018, 3, .	1.7	20
17	Phage treatment of an aortic graft infected withPseudomonas aeruginosa. Evolution, Medicine and Public Health, 2018, 2018, 60-66.	1.1	347
18	Parallel Evolution of Host-Attachment Proteins in Phage PP01 Populations Adapting to Escherichia coli O157:H7. Pharmaceuticals, 2018, 11, 60.	1.7	20

#	Article	IF	Citations
19	Extending the lifetime of antibiotics: how can phage therapy help?. Future Microbiology, 2016, 11, 1105-1107.	1.0	11
20	Phage selection restores antibiotic sensitivity in MDR Pseudomonas aeruginosa. Scientific Reports, 2016, 6, 26717.	1.6	479