

Hans Gerstmans

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Combinatorial assembly and optimisation of designer cellulosomes: a galactomannan case study. , 2022, 15, .		4
2	The Specific Capsule Depolymerase of Phage PMK34 Sensitizes Acinetobacter baumannii to Serum Killing. Antibiotics, 2022, 11, 677.	3.7	7
3	Rapid and High-Throughput Evaluation of Diverse Configurations of Engineered Lysins Using the VersaTile Technique. Antibiotics, 2021, 10, 293.	3.7	8
4	Predicting bacteriophage hosts based on sequences of annotated receptor-binding proteins. Scientific Reports, 2021, 11, 1467.	3.3	50
5	Quality control and statistical evaluation of combinatorial DNA libraries using nanopore sequencing. BioTechniques, 2020, 69, 379-383.	1.8	2
6	A VersaTile-driven platform for rapid hit-to-lead development of engineered lysins. Science Advances, 2020, 6, eaaz1136.	10.3	75
7	The Preclinical and Clinical Progress of Bacteriophages and Their Lytic Enzymes: The Parts are Easier than the Whole. Viruses, 2019, 11, 96.	3.3	113
8	Inhibitory and bactericidal effect of ArtilysinÂ® Art-175 against colistin-resistant mcr-1-positive Escherichia coli isolates. International Journal of Antimicrobial Agents, 2018, 51, 528-529.	2.5	45
9	Target Confinement in Small Reaction Volumes Using Microfluidic Technologies: A Smart Approach for Single-Entity Detection and Analysis. ACS Sensors, 2018, 3, 264-284.	7.8	31
10	Synthetic biology of modular endolysins. Biotechnology Advances, 2018, 36, 624-640.	11.7	116
11	From endolysins to ArtilysinÂ®s: novel enzyme-based approaches to kill drug-resistant bacteria. Biochemical Society Transactions, 2016, 44, 123-128.	3.4	89
12	DUF3380 Domain from a Salmonella Phage Endolysin Shows Potent <i>N</i> -Acetylmuramidase Activity. Applied and Environmental Microbiology, 2016, 82, 4975-4981.	3.1	49