

Hans Gerstmans

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5969919/publications.pdf>

Version: 2024-02-01

12
papers

589
citations

1163117

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1281871

11
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12
all docs

12
docs citations

12
times ranked

744
citing authors

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