

Vilhelm MÃ¼ller

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4575875/publications.pdf>

Version: 2024-02-01

14
papers

436
citations

758635

12
h-index

996533

15
g-index

15
all docs

15
docs citations

15
times ranked

550
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of structural variations in densely-labelled optical DNA barcodes: A hidden Markov model approach. PLoS ONE, 2021, 16, e0259670.	1.1	1
2	Cultivation-Free Typing of Bacteria Using Optical DNA Mapping. ACS Infectious Diseases, 2020, 6, 1076-1084.	1.8	14
3	Optical DNA Mapping Combined with Cas9-Targeted Resistance Gene Identification for Rapid Tracking of Resistance Plasmids in a Neonatal Intensive Care Unit Outbreak. MBio, 2019, 10, .	1.8	23
4	Enzyme-free optical DNA mapping of the human genome using competitive binding. Nucleic Acids Research, 2019, 47, e89-e89.	6.5	17
5	Interspecies plasmid transfer appears rare in sequential infections with extended-spectrum β -lactamase (ESBL)-producing Enterobacteriaceae. Diagnostic Microbiology and Infectious Disease, 2019, 93, 380-385.	0.8	17
6	Identification of pathogenic bacteria in complex samples using a smartphone based fluorescence microscope. RSC Advances, 2018, 8, 36493-36502.	1.7	48
7	Facilitated sequence assembly using densely labeled optical DNA barcodes: A combinatorial auction approach. PLoS ONE, 2018, 13, e0193900.	1.1	15
8	The resistomes of six carbapenem-resistant pathogens – a critical genotype–phenotype analysis. Microbial Genomics, 2018, 4, .	1.0	18
9	Optical DNA mapping in nanofluidic devices: principles and applications. Lab on A Chip, 2017, 17, 579-590.	3.1	77
10	Noise reduction in single time frame optical DNA maps. PLoS ONE, 2017, 12, e0179041.	1.1	3
11	Direct identification of antibiotic resistance genes on single plasmid molecules using CRISPR/Cas9 in combination with optical DNA mapping. Scientific Reports, 2016, 6, 37938.	1.6	57
12	Rapid Tracing of Resistance Plasmids in a Nosocomial Outbreak Using Optical DNA Mapping. ACS Infectious Diseases, 2016, 2, 322-328.	1.8	34
13	Rapid identification of intact bacterial resistance plasmids via optical mapping of single DNA molecules. Scientific Reports, 2016, 6, 30410.	1.6	38
14	Enantioselective Cyclization of Photochromic Dithienylethenes Bound to DNA. Angewandte Chemie - International Edition, 2013, 52, 4393-4396.	7.2	61