

Michael Knopp

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6328248/publications.pdf>

Version: 2024-02-01

13
papers

577
citations

1163117

8
h-index

1474206

9
g-index

14
all docs

14
docs citations

14
times ranked

945
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of high-level resistance during low-level antibiotic exposure. Nature Communications, 2018, 9, 1599.	12.8	300
2	Genetic Adaptation to Growth Under Laboratory Conditions in Escherichia coli and Salmonella enterica. Frontiers in Microbiology, 2018, 9, 756.	3.5	70
3	Predictable Phenotypes of Antibiotic Resistance Mutations. MBio, 2018, 9, .	4.1	68
4	Amelioration of the Fitness Costs of Antibiotic Resistance Due To Reduced Outer Membrane Permeability by Upregulation of Alternative Porins. Molecular Biology and Evolution, 2015, 32, msv195.	8.9	45
5	<i>De Novo</i> Emergence of Peptides That Confer Antibiotic Resistance. MBio, 2019, 10, .	4.1	34
6	A novel type of colistin resistance genes selected from random sequence space. PLoS Genetics, 2021, 17, e1009227.	3.5	23
7	A bacteriophage enzyme induces bacterial metabolic perturbation that confers a novel promiscuous function. Nature Ecology and Evolution, 2018, 2, 1321-1330.	7.8	19
8	No beneficial fitness effects of random peptides. Nature Ecology and Evolution, 2018, 2, 1046-1047.	7.8	16
9	Evolution of a New Function by Fusion between Phage DNA and a Bacterial Gene. Molecular Biology and Evolution, 2020, 37, 1329-1341.	8.9	2
10	A novel type of colistin resistance genes selected from random sequence space. , 2021, 17, e1009227.		0
11	A novel type of colistin resistance genes selected from random sequence space. , 2021, 17, e1009227.		0
12	A novel type of colistin resistance genes selected from random sequence space. , 2021, 17, e1009227.		0
13	A novel type of colistin resistance genes selected from random sequence space. , 2021, 17, e1009227.		0