

Sophie E Darch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8521902/publications.pdf>

Version: 2024-02-01

14
papers

1,003
citations

1040056

9
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

1527
citing authors

#	ARTICLE	IF	CITATIONS
1	Density-dependent fitness benefits in quorum-sensing bacterial populations. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8259-8263.	7.1	269
2	The biogeography of polymicrobial infection. Nature Reviews Microbiology, 2016, 14, 93-105.	28.6	233
3	Recombination is a key driver of genomic and phenotypic diversity in a <i>Pseudomonas aeruginosa</i> population during cystic fibrosis infection. Scientific Reports, 2015, 5, 7649.	3.3	134
4	Spatial determinants of quorum signaling in a <i>Pseudomonas aeruginosa</i> infection model. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4779-4784.	7.1	118
5	<i>Pseudomonas aeruginosa</i> Aggregate Formation in an Alginate Bead Model System Exhibits <i>In Vivo</i> -Like Characteristics. Applied and Environmental Microbiology, 2017, 83, .	3.1	109
6	Phage Inhibit Pathogen Dissemination by Targeting Bacterial Migrants in a Chronic Infection Model. MBio, 2017, 8, .	4.1	70
7	Discovery of dual-activity small-molecule ligands of <i>Pseudomonas aeruginosa</i> LpxA and LpxD using SPR and X-ray crystallography. Scientific Reports, 2019, 9, 15450.	3.3	23
8	Quantifying microbial chatter: scanning electrochemical microscopy as a tool to study interactions in biofilms. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2018, 474, 20180405.	2.1	19
9	Same Game, Different Players: Emerging Pathogens of the CF Lung. MBio, 2021, 12, .	4.1	16
10	Evolution of Bacterial "Frenemies". MBio, 2017, 8, .	4.1	7
11	Structure-Based Ligand Design Targeting <i>Pseudomonas aeruginosa</i> LpxA in Lipid A Biosynthesis. ACS Infectious Diseases, 2022, 8, 1231-1240.	3.8	2
12	Show Me the SNPs. How Bacterial Sex Generates Diversity in the Cystic Fibrosis Lung. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 725-727.	5.6	1
13	Tools for the Real-Time Assessment of a <i>Pseudomonas aeruginosa</i> Infection Model. Journal of Visualized Experiments, 2021, , .	0.3	1
14	Response to "Refined analyses suggest that recombination is a minor source of genomic diversity in <i>Pseudomonas aeruginosa</i> chronic cystic fibrosis infections"™ by Williams et al. (2016). Microbial Genomics, 2016, 2, e000054.	2.0	1