

Jakob Russel

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,075
citations

623734

14
h-index

752698

20
g-index

26
all docs

26
docs citations

26
times ranked

1267
citing authors

#	ARTICLE	IF	CITATIONS
1	CRISPR-Cas systems are widespread accessory elements across bacterial and archaeal plasmids. <i>Nucleic Acids Research</i> , 2022, 50, 4315-4328.	14.5	44
2	Unexpected diversity among small-scale sample replicates of defined plant root compartments. <i>ISME Journal</i> , 2022, 16, 997-1003.	9.8	28
3	IncH11A plasmids potentially facilitate horizontal flow of antibiotic resistance genes to pathogens in microbial communities of urban residential sewage. <i>Molecular Ecology</i> , 2022, 31, 1595-1608.	3.9	14
4	The infant gut resistome associates with <i>E. coli</i> , environmental exposures, gut microbiome maturity, and asthma-associated bacterial composition. <i>Cell Host and Microbe</i> , 2021, 29, 975-987.e4.	11.0	64
5	Biofilms can act as plasmid reserves in the absence of plasmid specific selection. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 78.	6.4	14
6	Broad Dissemination of Plasmids across Groundwater-Fed Rapid Sand Filter Microbiomes. <i>MBio</i> , 2021, 12, e0306821.	4.1	6
7	Type IV CRISPR-Cas systems are highly diverse and involved in competition between plasmids. <i>Nucleic Acids Research</i> , 2020, 48, 2000-2012.	14.5	128
8	Environmental shaping of the bacterial and fungal community in infant bed dust and correlations with the airway microbiota. <i>Microbiome</i> , 2020, 8, 115.	11.1	36
9	CRISPRCasTyper: Automated Identification, Annotation, and Classification of CRISPR-Cas Loci. <i>CRISPR Journal</i> , 2020, 3, 462-469.	2.9	128
10	The T-shirt microbiome is distinct between individuals and shaped by washing and fabric type. <i>Environmental Research</i> , 2020, 185, 109449.	7.5	15
11	Deciphering links between bacterial interactions and spatial organization in multispecies biofilms. <i>ISME Journal</i> , 2019, 13, 3054-3066.	9.8	59
12	Priority of Early Colonizers but No Effect on Cohabitants in a Synergistic Biofilm Community. <i>Frontiers in Microbiology</i> , 2019, 10, 1949.	3.5	11
13	Bacterial and protozoan dynamics upon thawing and freezing of an active layer permafrost soil. <i>ISME Journal</i> , 2019, 13, 1345-1359.	9.8	67
14	Different Degrees of Niche Differentiation for Bacteria, Fungi, and Myxomycetes Within an Elevational Transect in the German Alps. <i>Microbial Ecology</i> , 2019, 78, 764-780.	2.8	16
15	Micro-scale intermixing: a requisite for stable and synergistic co-establishment in a four-species biofilm. <i>ISME Journal</i> , 2018, 12, 1940-1951.	9.8	40
16	<i>Staphylococcus aureus</i> coagulases are exploitable yet stable public goods in clinically relevant conditions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11771-E11779.	7.1	10
17	Enhanced bacterial mutualism through an evolved biofilm phenotype. <i>ISME Journal</i> , 2018, 12, 2608-2618.	9.8	34
18	Low-abundant species facilitates specific spatial organization that promotes multispecies biofilm formation. <i>Environmental Microbiology</i> , 2017, 19, 2893-2905.	3.8	57

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19	Antagonism correlates with metabolic similarity in diverse bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10684-10688.	7.1	135
20	Coexistence facilitates interspecific biofilm formation in complex microbial communities. Environmental Microbiology, 2016, 18, 2565-2574.	3.8	97