

# Jakob Russel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2665240/publications.pdf>

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	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
2	Type IV CRISPR-Cas systems are highly diverse and involved in competition between plasmids. Nucleic Acids Research, 2020, 48, 2000-2012.	14.5	128
3	CRISPRCasTyper: Automated Identification, Annotation, and Classification of CRISPR-Cas Loci. CRISPR Journal, 2020, 3, 462-469.	2.9	128
4	Coexistence facilitates interspecific biofilm formation in complex microbial communities. Environmental Microbiology, 2016, 18, 2565-2574.	3.8	97
5	Bacterial and protozoan dynamics upon thawing and freezing of an active layer permafrost soil. ISME Journal, 2019, 13, 1345-1359.	9.8	67
6	The infant gut resistome associates with <i>E. coli</i> , environmental exposures, gut microbiome maturity, and asthma-associated bacterial composition. Cell Host and Microbe, 2021, 29, 975-987.e4.	11.0	64
7	Deciphering links between bacterial interactions and spatial organization in multispecies biofilms. ISME Journal, 2019, 13, 3054-3066.	9.8	59
8	Low-abundant species facilitates specific spatial organization that promotes multispecies biofilm formation. Environmental Microbiology, 2017, 19, 2893-2905.	3.8	57
9	CRISPR-Cas systems are widespread accessory elements across bacterial and archaeal plasmids. Nucleic Acids Research, 2022, 50, 4315-4328.	14.5	44
10	Micro-scale intermixing: a requisite for stable and synergistic co-establishment in a four-species biofilm. ISME Journal, 2018, 12, 1940-1951.	9.8	40
11	Environmental shaping of the bacterial and fungal community in infant bed dust and correlations with the airway microbiota. Microbiome, 2020, 8, 115.	11.1	36
12	Enhanced bacterial mutualism through an evolved biofilm phenotype. ISME Journal, 2018, 12, 2608-2618.	9.8	34
13	Unexpected diversity among small-scale sample replicates of defined plant root compartments. ISME Journal, 2022, 16, 997-1003.	9.8	28
14	Different Degrees of Niche Differentiation for Bacteria, Fungi, and Myxomycetes Within an Elevational Transect in the German Alps. Microbial Ecology, 2019, 78, 764-780.	2.8	16
15	The T-shirt microbiome is distinct between individuals and shaped by washing and fabric type. Environmental Research, 2020, 185, 109449.	7.5	15
16	Biofilms can act as plasmid reserves in the absence of plasmid specific selection. Npj Biofilms and Microbiomes, 2021, 7, 78.	6.4	14
17	IncHIIA plasmids potentially facilitate horizontal flow of antibiotic resistance genes to pathogens in microbial communities of urban residential sewage. Molecular Ecology, 2022, 31, 1595-1608.	3.9	14
18	Priority of Early Colonizers but No Effect on Cohabitants in a Synergistic Biofilm Community. Frontiers in Microbiology, 2019, 10, 1949.	3.5	11

#	ARTICLE	IF	CITATIONS
19	Staphylococcus aureus coagulases are exploitable yet stable public goods in clinically relevant conditions. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11771-E11779.	7.1	10
20	Broad Dissemination of Plasmids across Groundwater-Fed Rapid Sand Filter Microbiomes. MBio, 2021, 12, e0306821.	4.1	6