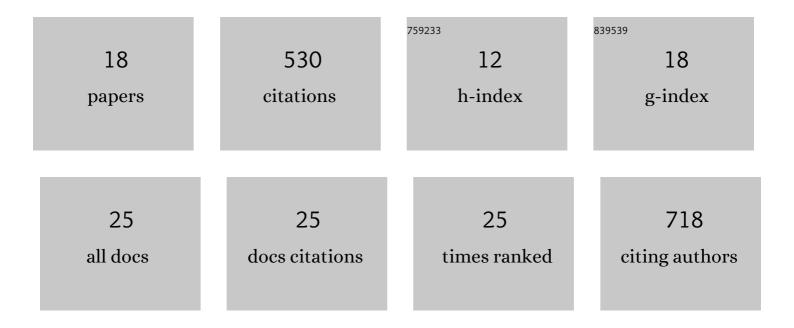
Johannes Cairns

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7817199/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Host range of antibiotic resistance genes in wastewater treatment plant influent and effluent. FEMS Microbiology Ecology, 2018, 94, .	2.7	148
2	Ecology determines how low antibiotic concentration impacts community composition and horizontal transfer of resistance genes. Communications Biology, 2018, 1, 35.	4.4	80
3	Sublethal streptomycin concentrations and lytic bacteriophage together promote resistance evolution. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160040.	4.0	39
4	Dual-stressor selection alters eco-evolutionary dynamics in experimental communities. Nature Ecology and Evolution, 2018, 2, 1974-1981.	7.8	38
5	Evolving interactions between diazotrophic cyanobacterium and phage mediate nitrogen release and host competitive ability. Royal Society Open Science, 2016, 3, 160839.	2.4	31
6	Conjugation is necessary for a bacterial plasmid to survive under protozoan predation. Biology Letters, 2016, 12, 20150953.	2.3	28
7	Construction and Characterization of Synthetic Bacterial Community for Experimental Ecology and Evolution. Frontiers in Genetics, 2018, 9, 312.	2.3	28
8	Contrasting the impact of cytotoxic and cytostatic drug therapies on tumour progression. PLoS Computational Biology, 2019, 15, e1007493.	3.2	26
9	Repeatable ecological dynamics govern the response of experimental communities to antibiotic pulse perturbation. Nature Ecology and Evolution, 2020, 4, 1385-1394.	7.8	22
10	Genomic evolution of bacterial populations under coselection by antibiotics and phage. Molecular Ecology, 2017, 26, 1848-1859.	3.9	19
11	Black Queen Evolution and Trophic Interactions Determine Plasmid Survival after the Disruption of the Conjugation Network. MSystems, 2018, 3, .	3.8	18
12	Predator coevolution and prey trait variability determine species coexistence. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190245.	2.6	17
13	Drug-induced resistance evolution necessitates less aggressive treatment. PLoS Computational Biology, 2021, 17, e1009418.	3.2	14
14	Evolution in interacting species alters predator life-history traits, behaviour and morphology in experimental microbial communities. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200652.	2.6	9
15	Effects of phenotypic variation on consumer coexistence and prey community structure. Ecology Letters, 2022, 25, 307-319.	6.4	5
16	Strong selective environments determine evolutionary outcome in time-dependent fitness seascapes. Evolution Letters, 2022, 6, 266-279.	3.3	4
17	Effect of mutation supply on population dynamics and trait evolution in an experimental microbial community. Ecology Letters, 2022, 25, 355-365.	6.4	1
18	Biological units of antimicrobial resistance and strategies for their containment in animal production. FEMS Microbiology Ecology, 2022, , .	2.7	1