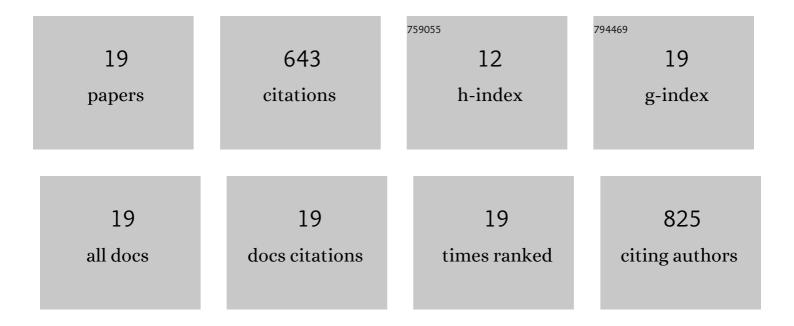
Jeremy M ChacÃ³n

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5329104/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Evolution of bidirectional costly mutualism from byproduct consumption. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12000-12004.	3.3	90
2	A metabolic modeling platform for the computation of microbial ecosystems in time and space (COMETS). Nature Protocols, 2021, 16, 5030-5082.	5.5	70
3	Genomewide Assessment of Mycobacterium tuberculosis Conditionally Essential Metabolic Pathways. MSystems, 2019, 4, .	1.7	59
4	Density-dependent intraguild predation of an aphid parasitoid. Oecologia, 2010, 164, 213-220.	0.9	53
5	Pericentromere tension is self-regulated by spindle structure in metaphase. Journal of Cell Biology, 2014, 205, 313-324.	2.3	49
6	The spatial and metabolic basis of colony size variation. ISME Journal, 2018, 12, 669-680.	4.4	47
7	Engineering species-like barriers to sexual reproduction. Nature Communications, 2017, 8, 883.	5.8	41
8	A shared limiting resource leads to competitive exclusion in a crossâ€feeding system. Environmental Microbiology, 2019, 21, 759-771.	1.8	40
9	Lytic bacteriophage have diverse indirect effects in a synthetic cross-feeding community. ISME Journal, 2020, 14, 123-134.	4.4	39
10	A noncatalytic function of the topoisomerase II CTD in Aurora B recruitment to inner centromeres during mitosis. Journal of Cell Biology, 2016, 213, 651-664.	2.3	38
11	Cross-feeding modulates the rate and mechanism of antibiotic resistance evolution in a model microbial community of Escherichia coli and Salmonella enterica. PLoS Pathogens, 2020, 16, e1008700.	2.1	35
12	Combined effects of host-plant resistance and intraguild predation on the soybean aphid parasitoid Binodoxys communis in the field. Biological Control, 2012, 60, 16-25.	1.4	27
13	Sexâ€specific dispersal by a parasitoid wasp in the field. Entomologia Experimentalis Et Applicata, 2016, 159, 252-259.	0.7	12
14	Increasing growth rate slows adaptation when genotypes compete for diffusing resources. PLoS Computational Biology, 2020, 16, e1007585.	1.5	11
15	Differential retention contributes to racial/ethnic disparity in U.S. academia. PLoS ONE, 2021, 16, e0259710.	1.1	11
16	Analysis and Modeling of Chromosome Congression During Mitosis in the Chemotherapy Drug Cisplatin. Cellular and Molecular Bioengineering, 2013, 6, 406-417.	1.0	6
17	The Ecology and Evolution of Model Microbial Mutualisms. Annual Review of Ecology, Evolution, and Systematics, 2021, 52, 363-384.	3.8	6
18	Phage cocktail strategies for the suppression of a pathogen in a crossâ€feeding coculture. Microbial Biotechnology, 2020, 13, 1997-2007.	2.0	5

#	Article	IF	CITATIONS
19	Antimicrobials: Constraints on microbial warfare. Nature Microbiology, 2016, 1, 16225.	5.9	4