

Jeremy M ChacÃ³n

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

643
citations

759055

12
h-index

794469

19
g-index

19
all docs

19
docs citations

19
times ranked

825
citing authors

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

#	ARTICLE	IF	CITATIONS
19	Antimicrobials: Constraints on microbial warfare. <i>Nature Microbiology</i> , 2016, 1, 16225.	5.9	4