

Jean C C Vila

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7419587/publications.pdf>

Version: 2024-02-01

10
papers

517
citations

1040056

9
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

456
citing authors

#	ARTICLE	IF	CITATIONS
1	A metabolic modeling platform for the computation of microbial ecosystems in time and space (COMETS). Nature Protocols, 2021, 16, 5030-5082.	12.0	70
2	Functional attractors in microbial community assembly. Cell Systems, 2022, 13, 29-42.e7.	6.2	59
3	Nutrient dominance governs the assembly of microbial communities in mixed nutrient environments. ELife, 2021, 10, .	6.0	56
4	Engineering complex communities by directed evolution. Nature Ecology and Evolution, 2021, 5, 1011-1023.	7.8	54
5	On the deformability of an empirical fitness landscape by microbial evolution. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 11286-11291.	7.1	53
6	Complex yeast-bacteria interactions affect the yield of industrial ethanol fermentation. Nature Communications, 2021, 12, 1498.	12.8	52
7	Directed Evolution of Microbial Communities. Annual Review of Biophysics, 2021, 50, 323-341.	10.0	51
8	Uncovering the rules of microbial community invasions. Nature Ecology and Evolution, 2019, 3, 1162-1171.	7.8	46
9	Dissimilarity-Overlap analysis of replicate enrichment communities. ISME Journal, 2020, 14, 2505-2513.	9.8	17
10	Ecological effects of cellular computing in microbial populations. Natural Computing, 2018, 17, 811-822.	3.0	3