

Sylvie Estrela

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8112869/publications.pdf>

Version: 2024-02-01

18
papers

1,517
citations

643344

15
h-index

993246

17
g-index

26
all docs

26
docs citations

26
times ranked

1978
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional attractors in microbial community assembly. <i>Cell Systems</i> , 2022, 13, 29-42.e7.	2.9	59
2	Community lifespan, niche expansion and the evolution of interspecific cooperation. <i>Journal of Evolutionary Biology</i> , 2021, 34, 352-363.	0.8	0
3	Multi-Replicated Enrichment Communities as a Model System in Microbial Ecology. <i>Frontiers in Microbiology</i> , 2021, 12, 657467.	1.5	24
4	Nutrient dominance governs the assembly of microbial communities in mixed nutrient environments. <i>ELife</i> , 2021, 10, .	2.8	56
5	Directed Evolution of Microbial Communities. <i>Annual Review of Biophysics</i> , 2021, 50, 323-341.	4.5	51
6	Engineering complex communities by directed evolution. <i>Nature Ecology and Evolution</i> , 2021, 5, 1011-1023.	3.4	54
7	The meta-gut: community coalescence of animal gut and environmental microbiomes. <i>Scientific Reports</i> , 2021, 11, 23117.	1.6	17
8	Environmentally Mediated Social Dilemmas. <i>Trends in Ecology and Evolution</i> , 2019, 34, 6-18.	4.2	77
9	Community interactions and spatial structure shape selection on antibiotic resistant lineages. <i>PLoS Computational Biology</i> , 2018, 14, e1006179.	1.5	69
10	Emergent simplicity in microbial community assembly. <i>Science</i> , 2018, 361, 469-474.	6.0	706
11	Private benefits and metabolic conflicts shape the emergence of microbial interdependencies. <i>Environmental Microbiology</i> , 2016, 18, 1415-1427.	1.8	66
12	Transitions in individuality through symbiosis. <i>Current Opinion in Microbiology</i> , 2016, 31, 191-198.	2.3	43
13	The demographic determinants of human microbiome health. <i>Trends in Microbiology</i> , 2015, 23, 134-141.	3.5	17
14	Metabolic and Demographic Feedbacks Shape the Emergent Spatial Structure and Function of Microbial Communities. <i>PLoS Computational Biology</i> , 2013, 9, e1003398.	1.5	71
15	From Metabolism to Ecology: Cross-Feeding Interactions Shape the Balance between Polymicrobial Conflict and Mutualism. <i>American Naturalist</i> , 2012, 180, 566-576.	1.0	71
16	Within-Host Dynamics of Multi-Species Infections: Facilitation, Competition and Virulence. <i>PLoS ONE</i> , 2012, 7, e38730.	1.1	43
17	Refolding and characterization of methionine adenosyltransferase from <i>Euglena gracilis</i> . <i>Protein Expression and Purification</i> , 2011, 79, 128-136.	0.6	14
18	Evolution of Cooperative Cross-Feeding Could Be Less Challenging Than Originally Thought. <i>PLoS ONE</i> , 2010, 5, e14121.	1.1	19