

Alberto Pascual-García

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6436288/publications.pdf>

Version: 2024-02-01

21
papers

1,506
citations

932766

10
h-index

794141

19
g-index

31
all docs

31
docs citations

31
times ranked

2458
citing authors

#	ARTICLE	IF	CITATIONS
1	The architecture of mutualistic networks minimizes competition and increases biodiversity. <i>Nature</i> , 2009, 458, 1018-1020.	13.7	878
2	Microbial Succession in the Gut: Directional Trends of Taxonomic and Functional Change in a Birth Cohort of Spanish Infants. <i>PLoS Genetics</i> , 2014, 10, e1004406.	1.5	164
3	Modular Assembly of Polysaccharide-Degrading Marine Microbial Communities. <i>Current Biology</i> , 2019, 29, 1528-1535.e6.	1.8	144
4	Cross-Over between Discrete and Continuous Protein Structure Space: Insights into Automatic Classification and Networks of Protein Structures. <i>PLoS Computational Biology</i> , 2009, 5, e1000331.	1.5	52
5	Mutualism supports biodiversity when the direct competition is weak. <i>Nature Communications</i> , 2017, 8, 14326.	5.8	51
6	Metabolically cohesive microbial consortia and ecosystem functioning. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190245.	1.8	37
7	Quantifying the evolutionary divergence of protein structures: The role of function change and function conservation. <i>Proteins: Structure, Function and Bioinformatics</i> , 2010, 78, 181-196.	1.5	34
8	Community-level signatures of ecological succession in natural bacterial communities. <i>Nature Communications</i> , 2020, 11, 2386.	5.8	33
9	Bacteria dialog with Santa Rosalia: Are aggregations of cosmopolitan bacteria mainly explained by habitat filtering or by ecological interactions?. <i>BMC Microbiology</i> , 2014, 14, 284.	1.3	27
10	Relationships between community composition, productivity and invasion resistance in semi-natural bacterial microcosms. <i>ELife</i> , 2021, 10, .	2.8	15
11	The Molecular Clock in the Evolution of Protein Structures. <i>Systematic Biology</i> , 2019, 68, 987-1002.	2.7	14
12	Importance of environmental factors over habitat connectivity in shaping bacterial communities in microbial mats and bacterioplankton in an Antarctic freshwater system. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	1.3	13
13	Impact of manipulation of glycerol/diol dehydratase activity on intestinal microbiota ecology and metabolism. <i>Environmental Microbiology</i> , 2021, 23, 1765-1779.	1.8	10
14	functionInk: An efficient method to detect functional groups in multidimensional networks reveals the hidden structure of ecological communities. <i>Methods in Ecology and Evolution</i> , 2020, 11, 804-817.	2.2	7
15	Turnover in Life-Strategies Recapitulates Marine Microbial Succession Colonizing Model Particles. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	5
16	Phylogenetic Core Groups: a promising concept in search of a consistent methodological framework. <i>Microbiome</i> , 2021, 9, 73.	4.9	3
17	Empowering the crowd: feasible strategies for epidemic management in high-density informal settlements. The case of COVID-19 in Northwest Syria. <i>BMJ Global Health</i> , 2021, 6, e004656.	2.0	3
18	Effective competition determines the global stability of model ecosystems. <i>Theoretical Ecology</i> , 2017, 10, 195-205.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Conflicts of interest in scientific publishing. EMBO Reports, 2017, 18, 2081-2083.	2.0	2
20	Learning structural bioinformatics and evolution with a snake puzzle. PeerJ Computer Science, 0, 2, e100.	2.7	2
21	A constructive approach to the epistemological problem of emergence in complex systems. PLoS ONE, 2018, 13, e0206489.	1.1	1