

Alicia SÃ¡nchez-Gorostiaga

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,445
citations

687363

13
h-index

940533

16
g-index

22
all docs

22
docs citations

22
times ranked

1655
citing authors

#	ARTICLE	IF	CITATIONS
1	Emergent simplicity in microbial community assembly. <i>Science</i> , 2018, 361, 469-474.	12.6	706
2	High-order interactions distort the functional landscape of microbial consortia. <i>PLoS Biology</i> , 2019, 17, e3000550.	5.6	114
3	Bacterial Division Proteins FtsZ and ZipA Induce Vesicle Shrinkage and Cell Membrane Invagination. <i>Journal of Biological Chemistry</i> , 2013, 288, 26625-26634.	3.4	71
4	Transcription Termination Factor reb1p Causes Two Replication Fork Barriers at Its Cognate Sites in Fission Yeast Ribosomal DNA In Vivo. <i>Molecular and Cellular Biology</i> , 2004, 24, 398-406.	2.3	68
5	Functional attractors in microbial community assembly. <i>Cell Systems</i> , 2022, 13, 29-42.e7.	6.2	59
6	Nutrient dominance governs the assembly of microbial communities in mixed nutrient environments. <i>ELife</i> , 2021, 10, .	6.0	56
7	Temperature increase prevails over acidification in gene expression modulation of amastigote differentiation in <i>Leishmania infantum</i> . <i>BMC Genomics</i> , 2010, 11, 31.	2.8	55
8	Genome-wide analysis reveals increased levels of transcripts related with infectivity in peanut lectin non-agglutinated promastigotes of <i>Leishmania infantum</i> . <i>Genomics</i> , 2009, 93, 551-564.	2.9	50
9	The Mating Type Switch-Activating Protein Sap1 Is Required for Replication Fork Arrest at the rRNA Genes of Fission Yeast. <i>Molecular and Cellular Biology</i> , 2005, 25, 8755-8761.	2.3	49
10	Top-down and bottom-up cohesiveness in microbial community coalescence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	35
11	Life without Division: Physiology of <i>Escherichia coli</i> FtsZ-Deprived Filaments. <i>MBio</i> , 2016, 7, .	4.1	31
12	The Nucleoid Occlusion SlmA Protein Accelerates the Disassembly of the FtsZ Protein Polymers without Affecting Their GTPase Activity. <i>PLoS ONE</i> , 2015, 10, e0126434.	2.5	29
13	Outlining Core Pathways of Amyloid Toxicity in Bacteria with the RepA-WH1 Prionoid. <i>Frontiers in Microbiology</i> , 2017, 8, 539.	3.5	16
14	Unique transcriptional profile of native persisters in <i>Escherichia coli</i> . <i>Journal of Bioscience and Bioengineering</i> , 2018, 125, 15-22.	2.2	14
15	Structural Analysis of the Interactions Between Hsp70 Chaperones and the Yeast DNA Replication Protein Orc4p. <i>Journal of Molecular Biology</i> , 2010, 403, 24-39.	4.2	11
16	The Acquisition of Colistin Resistance Is Associated to the Amplification of a Large Chromosomal Region in <i>Klebsiella pneumoniae</i> kp52145. <i>International Journal of Molecular Sciences</i> , 2021, 22, 649.	4.1	2