

JosÃ© Ángel Ruiz-Mas³

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5997276/publications.pdf>

Version: 2024-02-01

22
papers

385
citations

759055

12
h-index

794469

19
g-index

23
all docs

23
docs citations

23
times ranked

402
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmid Rolling-Circle Replication. <i>Microbiology Spectrum</i> , 2015, 3, PLAS-0035-2014.	1.2	69
2	Plasmid replication initiator RepB forms a hexamer reminiscent of ring helicases and has mobile nuclease domains. <i>EMBO Journal</i> , 2009, 28, 1666-1678.	3.5	45
3	Interactions between the RepB initiator protein of plasmid pMV158 and two distant DNA regions within the origin of replication. <i>Nucleic Acids Research</i> , 2007, 35, 1230-1244.	6.5	35
4	Genetic and Biochemical Characterization of the <i>Streptococcus pneumoniae</i> PcrA Helicase and Its Role in Plasmid Rolling Circle Replication. <i>Journal of Bacteriology</i> , 2006, 188, 7416-7425.	1.0	26
5	Protein p56 from the <i>Bacillus subtilis</i> phage $\hat{A}29$ inhibits DNA-binding ability of uracil-DNA glycosylase. <i>Nucleic Acids Research</i> , 2007, 35, 5393-5401.	6.5	26
6	Dextranucrase Expression Is Concomitant with that of Replication and Maintenance Functions of the pMN1 Plasmid in <i>Lactobacillus sakei</i> MN1. <i>Frontiers in Microbiology</i> , 2017, 8, 2281.	1.5	21
7	Plasmid Replicons from <i>Pseudomonas</i> Are Natural Chimeras of Functional, Exchangeable Modules. <i>Frontiers in Microbiology</i> , 2017, 8, 190.	1.5	20
8	Structural and functional analysis of pt38, a 2.9kb plasmid of <i>Streptococcus thermophilus</i> yogurt strain. <i>Plasmid</i> , 2003, 50, 176-189.	0.4	19
9	Combining Modules for Versatile and Optimal Labeling of Lactic Acid Bacteria: Two pMV158-Family Promiscuous Replicons, a Pneumococcal System for Constitutive or Inducible Gene Expression, and Two Fluorescent Proteins. <i>Frontiers in Microbiology</i> , 2019, 10, 1431.	1.5	17
10	Construction of a plasmid vector based on the pMV158 replicon for cloning and inducible gene expression in <i>Streptococcus pneumoniae</i> . <i>Plasmid</i> , 2012, 67, 53-59.	0.4	16
11	Translation initiation of the replication initiator repB gene of promiscuous plasmid pMV158 is led by an extended non-SD sequence. <i>Plasmid</i> , 2013, 70, 69-77.	0.4	16
12	Structural features of the initiator of replication protein RepB encoded by the promiscuous plasmid pMV158. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2004, 1696, 113-119.	1.1	13
13	<i>Bacillus subtilis</i> PcrA Couples DNA Replication, Transcription, Recombination and Segregation. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 140.	1.6	13
14	Conformational plasticity of RepB, the replication initiator protein of promiscuous streptococcal plasmid pMV158. <i>Scientific Reports</i> , 2016, 6, 20915.	1.6	11
15	A single change in the aptamer of the <i>Lactiplantibacillus plantarum</i> rib</i> operon riboswitch severely impairs its regulatory activity and leads to a vitamin B₂-overproducing phenotype. <i>Microbial Biotechnology</i> , 2022, 15, 1253-1269.	2.0	9
16	Successful Establishment of Plasmids R1 and pMV158 in a New Host Requires the Relief of the Transcriptional Repression of Their Essential rep Genes. <i>Frontiers in Microbiology</i> , 2017, 8, 2367.	1.5	7
17	Metal-Induced Stabilization and Activation of Plasmid Replication Initiator RepB. <i>Frontiers in Molecular Biosciences</i> , 2016, 3, 56.	1.6	6
18	Selection of Riboflavin Overproducing Strains of Lactic Acid Bacteria and Riboflavin Direct Quantification by Fluorescence. <i>Methods in Molecular Biology</i> , 2021, 2280, 3-14.	0.4	5

#	ARTICLE	IF	CITATIONS
19	Acidic pH Decreases the Endonuclease Activity of Initiator RepB and Increases the Stability of the Covalent RepB-DNA Intermediate while Has Only a Limited Effect on the Replication of Plasmid pMV158 in <i>Lactococcus lactis</i> . <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 634461.	1.6	4
20	Rolling Circle Replicating Plasmids. , 2014, , 1-5.		3
21	Plasmid Rolling-Circle Replication. , 0, , 45-69.		3
22	Rolling Circle Replicating Plasmids. , 2018, , 1084-1088.		0