

Gonzalo Durante-Rodríguez

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,417
citations

623574

14
h-index

677027

22
g-index

24
all docs

24
docs citations

24
times ranked

2062
citing authors

#	ARTICLE	IF	CITATIONS
1	The Standard European Vector Architecture (SEVA): a coherent platform for the analysis and deployment of complex prokaryotic phenotypes. <i>Nucleic Acids Research</i> , 2013, 41, D666-D675.	6.5	556
2	Anaerobic Catabolism of Aromatic Compounds: a Genetic and Genomic View. <i>Microbiology and Molecular Biology Reviews</i> , 2009, 73, 71-133.	2.9	378
3	Bacterial Degradation of Benzoate. <i>Journal of Biological Chemistry</i> , 2012, 287, 10494-10508.	1.6	91
4	A Post-translational Metabolic Switch Enables Complete Decoupling of Bacterial Growth from Biopolymer Production in Engineered <i>Escherichia coli</i> . <i>ACS Synthetic Biology</i> , 2018, 7, 2686-2697.	1.9	58
5	New challenges for syngas fermentation: towards production of biopolymers. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 1735-1751.	1.6	53
6	Functional coexistence of twin arsenic resistance systems in <i>Pseudomonas putida</i> ... <i>Environmental Microbiology</i> , 2015, 17, 229-238.	1.8	52
7	Proteomic analysis of lung biopsies: Differential protein expression profile between peritumoral and tumoral tissue. <i>Proteomics</i> , 2004, 4, 442-447.	1.3	33
8	Biochemical Characterization of the Transcriptional Regulator BzdR from <i>Azoarcus</i> sp. CIB. <i>Journal of Biological Chemistry</i> , 2010, 285, 35694-35705.	1.6	33
9	Fructose 1-phosphate is the one and only physiological effector of the Cra (FruR) regulator of <i>Pseudomonas putida</i> . <i>FEBS Open Bio</i> , 2014, 4, 377-386.	1.0	28
10	The Standard European Vector Architecture (SEVA) Plasmid Toolkit. <i>Methods in Molecular Biology</i> , 2014, 1149, 469-478.	0.4	28
11	Oxygen-Dependent Regulation of the Central Pathway for the Anaerobic Catabolism of Aromatic Compounds in <i>Azoarcus</i> sp. Strain CIB. <i>Journal of Bacteriology</i> , 2006, 188, 2343-2354.	1.0	19
12	New insights into the BzdR-mediated transcriptional regulation of the anaerobic catabolism of benzoate in <i>Azoarcus</i> sp. CIB. <i>Microbiology (United Kingdom)</i> , 2008, 154, 306-316.	0.7	15
13	The Crp regulator of <i>Pseudomonas putida</i> : evidence of an unusually high affinity for its physiological effector, cAMP. <i>Environmental Microbiology</i> , 2012, 14, 702-713.	1.8	14
14	ArxA From <i>Azoarcus</i> sp. CIB, an Anaerobic Arsenite Oxidase From an Obligate Heterotrophic and Mesophilic Bacterium. <i>Frontiers in Microbiology</i> , 2019, 10, 1699.	1.5	14
15	Identification of a Missing Link in the Evolution of an Enzyme into a Transcriptional Regulator. <i>PLoS ONE</i> , 2013, 8, e57518.	1.1	13
16	Refactoring the λ phage lytic/lysogenic decision with a synthetic regulator. <i>MicrobiologyOpen</i> , 2016, 5, 575-581.	1.2	12
17	Chapter 13. Anaerobic Pathways for the Catabolism of Aromatic Compounds. <i>RSC Energy and Environment Series</i> , 2018, , 333-390.	0.2	8
18	A Novel Redox-Sensing Histidine Kinase That Controls Carbon Catabolite Repression in <i>Azoarcus</i> sp. CIB. <i>MBio</i> , 2019, 10, .	1.8	4

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19	Taxonomy becoming a driving force in genome sequencing projects. <i>Systematic and Applied Microbiology</i> , 2013, 36, 215-217.	1.2	2
20	Further Insights into the Architecture of the PN Promoter That Controls the Expression of the bzd Genes in <i>Azoarcus</i> . <i>Genes</i> , 2019, 10, 489.	1.0	2
21	A Bifan Motif Shaped by ArsR1, ArsR2, and Their Cognate Promoters Frames Arsenic Tolerance of <i>Pseudomonas putida</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 641440.	1.5	2
22	Bioremediation of Soil Contaminated with Arsenic. <i>Microorganisms for Sustainability</i> , 2019, , 321-351.	0.4	2
23	A SsrA/Nla-based Strategy for Post-Translational Regulation of Protein Levels in Gram-negative Bacteria. <i>Bio-protocol</i> , 2020, 10, e3688.	0.2	0