

Gonzalo Durante-Rodriguez

List of Publications by Citations

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22
papers

1,054
citations

12
h-index

24
g-index

24
ext. papers

1,275
ext. citations

4.8
avg, IF

3.85
L-index

#	Paper	IF	Citations
22	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, D666-75	20.1	372
21	Anaerobic catabolism of aromatic compounds: a genetic and genomic view. <i>Microbiology and Molecular Biology Reviews</i> , 2009 , 73, 71-133	13.2	312
20	Bacterial degradation of benzoate: cross-regulation between aerobic and anaerobic pathways. <i>Journal of Biological Chemistry</i> , 2012 , 287, 10494-10508	5.4	66
19	New challenges for syngas fermentation: towards production of biopolymers. <i>Journal of Chemical Technology and Biotechnology</i> , 2015 , 90, 1735-1751	3.5	47
18	A Post-translational Metabolic Switch Enables Complete Decoupling of Bacterial Growth from Biopolymer Production in Engineered Escherichia coli. <i>ACS Synthetic Biology</i> , 2018 , 7, 2686-2697	5.7	47
17	Functional coexistence of twin arsenic resistance systems in Pseudomonas putida KT2440. <i>Environmental Microbiology</i> , 2015 , 17, 229-38	5.2	38
16	Proteomic analysis of lung biopsies: Differential protein expression profile between peritumoral and tumoral tissue. <i>Proteomics</i> , 2004 , 4, 442-7	4.8	32
15	Fructose 1-phosphate is the one and only physiological effector of the Cra (FruR) regulator of Pseudomonas putida. <i>FEBS Open Bio</i> , 2014 , 4, 377-86	2.7	23
14	Biochemical characterization of the transcriptional regulator BzdR from Azoarcus sp. CIB. <i>Journal of Biological Chemistry</i> , 2010 , 285, 35694-705	5.4	23
13	The Standard European Vector Architecture (SEVA) plasmid toolkit. <i>Methods in Molecular Biology</i> , 2014 , 1149, 469-78	1.4	17
12	Oxygen-dependent regulation of the central pathway for the anaerobic catabolism of aromatic compounds in Azoarcus sp. strain CIB. <i>Journal of Bacteriology</i> , 2006 , 188, 2343-54	3.5	16
11	The Crp regulator of Pseudomonas putida: evidence of an unusually high affinity for its physiological effector, cAMP. <i>Environmental Microbiology</i> , 2012 , 14, 702-13	5.2	12
10	Identification of a missing link in the evolution of an enzyme into a transcriptional regulator. <i>PLoS ONE</i> , 2013 , 8, e57518	3.7	11
9	New insights into the BzdR-mediated transcriptional regulation of the anaerobic catabolism of benzoate in Azoarcus sp. CIB. <i>Microbiology (United Kingdom)</i> , 2008 , 154, 306-316	2.9	11
8	ArxA From sp. CIB, an Anaerobic Arsenite Oxidase From an Obligate Heterotrophic and Mesophilic Bacterium. <i>Frontiers in Microbiology</i> , 2019 , 10, 1699	5.7	9
7	Refactoring the λ phage lytic/lysogenic decision with a synthetic regulator. <i>MicrobiologyOpen</i> , 2016 , 5, 575-81	3.4	8
6	Chapter 13: Anaerobic Pathways for the Catabolism of Aromatic Compounds. <i>RSC Energy and Environment Series</i> , 2018 , 333-390	0.6	5

5	A Novel Redox-Sensing Histidine Kinase That Controls Carbon Catabolite Repression in sp. CIB. <i>MBio</i> , 2019 , 10,	7.8	2
4	Bioremediation of Soil Contaminated with Arsenic. <i>Microorganisms for Sustainability</i> , 2019 , 321-351	1.1	2
3	Taxonomy becoming a driving force in genome sequencing projects. <i>Systematic and Applied Microbiology</i> , 2013 , 36, 215-7	4.2	1
2	A Bifan Motif Shaped by ArsR1, ArsR2, and Their Cognate Promoters Frames Arsenic Tolerance of. <i>Frontiers in Microbiology</i> , 2021 , 12, 641440	5.7	0
1	A SsrA/Nla-based Strategy for Post-Translational Regulation of Protein Levels in Gram-negative Bacteria. <i>Bio-protocol</i> , 2020 , 10, e3688	0.9	