

Jorge Alonso-Gutierrez

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,823
citations

566801

15
h-index

887659

17
g-index

17
all docs

17
docs citations

17
times ranked

2734
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering dynamic pathway regulation using stress-response promoters. <i>Nature Biotechnology</i> , 2013, 31, 1039-1046.	9.4	411
2	Metabolic engineering of <i>Escherichia coli</i> for limonene and perillyl alcohol production. <i>Metabolic Engineering</i> , 2013, 19, 33-41.	3.6	343
3	Relationship between microbial activity and microbial community structure in six full-scale anaerobic digesters. <i>Microbiological Research</i> , 2012, 167, 581-589.	2.5	186
4	Principal component analysis of proteomics (PCAP) as a tool to direct metabolic engineering. <i>Metabolic Engineering</i> , 2015, 28, 123-133.	3.6	140
5	Bacterial Communities from Shoreline Environments (Costa da Morte, Northwestern Spain) Affected by the Prestige Oil Spill. <i>Applied and Environmental Microbiology</i> , 2009, 75, 3407-3418.	1.4	139
6	Isoprenoid Drugs, Biofuels, and Chemicals—Artemisinin, Farnesene, and Beyond. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2015, 148, 355-389.	0.6	113
7	HipA-Triggered Growth Arrest and β -Lactam Tolerance in <i>Escherichia coli</i> Are Mediated by RelA-Dependent ppGpp Synthesis. <i>Journal of Bacteriology</i> , 2013, 195, 3173-3182.	1.0	84
8	Production of jet fuel precursor monoterpenoids from engineered <i>Escherichia coli</i> . <i>Biotechnology and Bioengineering</i> , 2017, 114, 1703-1712.	1.7	81
9	Characterizing Strain Variation in Engineered <i>E. coli</i> Using a Multi-Omics-Based Workflow. <i>Cell Systems</i> , 2016, 2, 335-346.	2.9	73
10	Acute Limonene Toxicity in <i>Escherichia coli</i> Is Caused by Limonene Hydroperoxide and Alleviated by a Point Mutation in Alkyl Hydroperoxidase AhpC. <i>Applied and Environmental Microbiology</i> , 2015, 81, 4690-4696.	1.4	65
11	The Experiment Data Depot: A Web-Based Software Tool for Biological Experimental Data Storage, Sharing, and Visualization. <i>ACS Synthetic Biology</i> , 2017, 6, 2248-2259.	1.9	45
12	Renewable production of high density jet fuel precursor sesquiterpenes from <i>Escherichia coli</i> . <i>Biotechnology for Biofuels</i> , 2018, 11, 285.	6.2	43
13	Toward industrial production of isoprenoids in <i>Escherichia coli</i> : Lessons learned from CRISPR-Cas9 based optimization of a chromosomally integrated mevalonate pathway. <i>Biotechnology and Bioengineering</i> , 2018, 115, 1000-1013.	1.7	39
14	Rapid Discovery and Functional Characterization of Terpene Synthases from Four Endophytic Xylariaceae. <i>PLoS ONE</i> , 2016, 11, e0146983.	1.1	33
15	Molecular and physiological approaches to understand the ecology of methanol degradation during the biofiltration of air streams. <i>Chemosphere</i> , 2012, 87, 1179-1185.	4.2	19
16	Parallel Integration and Chromosomal Expansion of Metabolic Pathways. <i>ACS Synthetic Biology</i> , 2018, 7, 2566-2576.	1.9	5