

Maria JosÃ© Huertas Romera

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

695
citations

933447

10
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

777
citing authors

#	ARTICLE	IF	CITATIONS
1	Metals in Cyanobacteria: Analysis of the Copper, Nickel, Cobalt and Arsenic Homeostasis Mechanisms. <i>Life</i> , 2014, 4, 865-886.	2.4	124
2	Bacterial Degradation of Cyanide and Its Metal Complexes under Alkaline Conditions. <i>Applied and Environmental Microbiology</i> , 2005, 71, 940-947.	3.1	121
3	Alkaline cyanide degradation by <i>Pseudomonas pseudoalcaligenes</i> CECT5344 in a batch reactor. Influence of pH. <i>Journal of Hazardous Materials</i> , 2010, 179, 72-78.	12.4	98
4	Characterization of the <i>Pseudomonas pseudoalcaligenes</i> CECT5344 Cyanase, an Enzyme That Is Not Essential for Cyanide Assimilation. <i>Applied and Environmental Microbiology</i> , 2008, 74, 6280-6288.	3.1	54
5	Alkaline cyanide biodegradation by <i>Pseudomonas pseudoalcaligenes</i> CECT5344. <i>Biochemical Society Transactions</i> , 2005, 33, 168-169.	3.4	47
6	Cyanide metabolism of <i>Pseudomonas pseudoalcaligenes</i> CECT5344: role of siderophores. <i>Biochemical Society Transactions</i> , 2006, 34, 152-155.	3.4	43
7	Comparative genomic analysis of solvent extrusion pumps in <i>Pseudomonas</i> strains exhibiting different degrees of solvent tolerance. <i>Extremophiles</i> , 2003, 7, 371-376.	2.3	42
8	Draft whole genome sequence of the cyanide-degrading bacterium <i>Pseudomonas pseudoalcaligenes</i> CECT5344. <i>Environmental Microbiology</i> , 2013, 15, 253-270.	3.8	38
9	Tolerance to Sudden Organic Solvent Shocks by Soil Bacteria and Characterization of <i>Pseudomonas putida</i> Strains Isolated from Toluene Polluted Sites. <i>Environmental Science & Technology</i> , 2000, 34, 3395-3400.	10.0	37
10	The cyanotrophic bacterium <i>Pseudomonas pseudoalcaligenes</i> CECT5344 responds to cyanide by defence mechanisms against iron deprivation, oxidative damage and nitrogen stress. <i>Environmental Microbiology</i> , 2007, 9, 1541-1549.	3.8	27
11	Depletion of <i>m</i> -type thioredoxin impairs photosynthesis, carbon fixation, and oxidative stress in cyanobacteria. <i>Plant Physiology</i> , 2021, 187, 1325-1340.	4.8	13
12	Paving the way for the production of secretory proteins by yeast cell factories. <i>Microbial Biotechnology</i> , 2019, 12, 1095-1096.	4.2	12
13	Training bacteria to produce environmentally friendly polymers of industrial and medical relevance. <i>Microbial Biotechnology</i> , 2020, 13, 14-16.	4.2	9
14	Dark side of cyanobacteria: searching for strategies to control blooms. <i>Microbial Biotechnology</i> , 2021, , .	4.2	8
15	Exploring the Diversity of the Thioredoxin Systems in Cyanobacteria. <i>Antioxidants</i> , 2022, 11, 654.	5.1	8
16	Gut microbiota: in sickness and in health. <i>Microbial Biotechnology</i> , 2014, 7, 88-89.	4.2	5
17	Fighting the enemy: one health approach against microbial resistance. <i>Microbial Biotechnology</i> , 2020, 13, 888-891.	4.2	5
18	Indispensable or toxic? The phosphate versus arsenate debate. <i>Microbial Biotechnology</i> , 2013, 6, 209-211.	4.2	4

#	ARTICLE	IF	CITATIONS
19	Metabolism of Cyanate and Cyanide in the Alkalophilic Bacterium <i>Pseudomonas pseudoalcaligenes</i> CECT5344. , 0 , 521-525.		0