

Juana Prez

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44
papers

2,746
citations

22
h-index

48
g-index

48
ext. papers

3,212
ext. citations

6.7
avg, IF

4.7
L-index

#	Paper	IF	Citations
44	Biodegradation and biological treatments of cellulose, hemicellulose and lignin: an overview. <i>International Microbiology</i> , 2002 , 5, 53-63	3	908
43	Complete genome sequence of the myxobacterium <i>Sorangium cellulosum</i> . <i>Nature Biotechnology</i> , 2007 , 25, 1281-9	44.5	307
42	Roles of manganese and organic acid chelators in regulating lignin degradation and biosynthesis of peroxidases by <i>Phanerochaete chrysosporium</i> . <i>Applied and Environmental Microbiology</i> , 1992 , 58, 2402-9	4.8	169
41	Myxobacteria: Moving, Killing, Feeding, and Surviving Together. <i>Frontiers in Microbiology</i> , 2016 , 7, 781	5.7	154
40	Bacterial predation: 75 years and counting!. <i>Environmental Microbiology</i> , 2016 , 18, 766-79	5.2	108
39	Eukaryotic-like protein kinases in the prokaryotes and the myxobacterial kinome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 15950-5	11.5	96
38	Phenolic content and antibacterial activity of olive oil waste waters. <i>Environmental Toxicology and Chemistry</i> , 1992 , 11, 489-495	3.8	90
37	Effect of extracts obtained from olive oil mill waste waters on <i>Bacillus megaterium</i> ATCC 33085. <i>Journal of Applied Bacteriology</i> , 1988 , 64, 219-226		84
36	Mineralization of C-Ring-Labeled Synthetic Lignin Correlates with the Production of Lignin Peroxidase, not of Manganese Peroxidase or Laccase. <i>Applied and Environmental Microbiology</i> , 1990 , 56, 1806-12	4.8	78
35	Low molecular weight phenolics attenuation during simulated treatment of wastewaters from olive oil mills in evaporation ponds. <i>Water Research</i> , 1992 , 26, 1261-1266	12.5	74
34	<i>Myxococcus xanthus</i> induces actinorhodin overproduction and aerial mycelium formation by <i>Streptomyces coelicolor</i> . <i>Microbial Biotechnology</i> , 2011 , 4, 175-83	6.3	65
33	Effect of waste waters from olive oil extraction plants on the bacterial population of soil. <i>Chemosphere</i> , 1986 , 15, 659-664	8.4	62
32	<i>Phanerochaete flavido-alba</i> Laccase Induction and Modification of Manganese Peroxidase Isoenzyme Pattern in Decolorized Olive Oil Mill Wastewaters. <i>Applied and Environmental Microbiology</i> , 1998 , 64, 2726-9	4.8	51
31	CorE from <i>Myxococcus xanthus</i> is a copper-dependent RNA polymerase sigma factor. <i>PLoS Genetics</i> , 2011 , 7, e1002106	6	38
30	Rhizobial galactoglucan determines the predatory pattern of <i>Myxococcus xanthus</i> and protects <i>Sinorhizobium meliloti</i> from predation. <i>Environmental Microbiology</i> , 2014 , 16, 2341-50	5.2	32
29	Copper induction of carotenoid synthesis in the bacterium <i>Myxococcus xanthus</i> . <i>Molecular Microbiology</i> , 2005 , 56, 1159-68	4.1	32
28	Apurinic/aprimidinic endonuclease genes from the trypanosomatidae <i>Leishmania major</i> and <i>Trypanosoma cruzi</i> confer resistance to oxidizing agents in DNA repair-deficient <i>Escherichia coli</i> . <i>Nucleic Acids Research</i> , 1999 , 27, 771-7	20.1	30

27	Purification and Partial Characterization of a Laccase from the White Rot Fungus <i>Phanerochaete flavid-alba</i> . <i>Applied and Environmental Microbiology</i> , 1996 , 62, 4263-7	4.8	25
26	Differential expression of the three multicopper oxidases from <i>Myxococcus xanthus</i> . <i>Journal of Bacteriology</i> , 2007 , 189, 4887-98	3.5	24
25	Comprehensive set of integrative plasmid vectors for copper-inducible gene expression in <i>Myxococcus xanthus</i> . <i>Applied and Environmental Microbiology</i> , 2012 , 78, 2515-21	4.8	23
24	Role of organic acid chelators in manganese regulation of lignin degradation by <i>Phanerochaete chrysosporium</i> . <i>Applied Biochemistry and Biotechnology</i> , 1993 , 39-40, 227-38	3.2	23
23	Differential regulation of six heavy metal efflux systems in the response of <i>Myxococcus xanthus</i> to copper. <i>Applied and Environmental Microbiology</i> , 2010 , 76, 6069-76	4.8	22
22	Characterization of deoxyuridine 5triphosphate nucleotidohydrolase from <i>Trypanosoma cruzi</i> . <i>FEBS Letters</i> , 2002 , 526, 147-50	3.8	21
21	Effect of olive oil mill wastewater on extracellular ligninolytic enzymes produced by <i>Phanerochaete flavid-alba</i> . <i>FEMS Microbiology Letters</i> , 2002 , 212, 41-5	2.9	20
20	Characterization of manganese-dependent peroxidase isoenzymes from the ligninolytic fungus <i>Phanerochaete flavid-alba</i> . <i>Research in Microbiology</i> , 2002 , 153, 547-54	4	20
19	In depth analysis of the mechanism of action of metal-dependent sigma factors: characterization of CorE2 from <i>Myxococcus xanthus</i> . <i>Nucleic Acids Research</i> , 2016 , 44, 5571-84	20.1	18
18	The antibiotic crisis: How bacterial predators can help. <i>Computational and Structural Biotechnology Journal</i> , 2020 , 18, 2547-2555	6.8	18
17	<i>Phanerochaete flavid-alba</i> ligninolytic activities and decolorization of partially bio-depurated paper mill wastes. <i>Water Research</i> , 1997 , 31, 495-502	12.5	17
16	Role of two novel two-component regulatory systems in development and phosphatase expression in <i>Myxococcus xanthus</i> . <i>Journal of Bacteriology</i> , 2003 , 185, 1376-83	3.5	14
15	Regulation of Ligninase Production in White-Rot Fungi. <i>ACS Symposium Series</i> , 1991 , 200-206	0.4	14
14	Expression and physiological role of three <i>Myxococcus xanthus</i> copper-dependent P1B-type ATPases during bacterial growth and development. <i>Applied and Environmental Microbiology</i> , 2010 , 76, 6077-84	4.8	13
13	Bacteria degrading phenolic acids isolated on a polymeric phenolic pigment. <i>Journal of Applied Bacteriology</i> , 1990 , 69, 38-42		12
12	Metal-responsive RNA polymerase extracytoplasmic function (ECF) sigma factors. <i>Molecular Microbiology</i> , 2019 , 112, 385-398	4.1	11
11	Transcriptome dynamics of the multicellular developmental program. <i>ELife</i> , 2019 , 8,	8.9	10
10	Properties of a laccase produced by <i>Phanerochaete flavid-alba</i> induced by vanillin. <i>Archives of Microbiology</i> , 2002 , 179, 70-3	3	9

9	The <i>Myxococcus xanthus</i> two-component system CorSR regulates expression of a gene cluster involved in maintaining copper tolerance during growth and development. <i>PLoS ONE</i> , 2013 , 8, e68240	3-7	8
8	Dissection of the sensor domain of the copper-responsive histidine kinase CorS from <i>Myxococcus xanthus</i> . <i>Environmental Microbiology Reports</i> , 2016 , 8, 363-70	3-7	8
7	The complex global response to copper in the multicellular bacterium <i>Myxococcus xanthus</i> . <i>Metallomics</i> , 2018 , 10, 876-886	4-5	8
6	Copper and Melanin Play a Role in Predation on. <i>Frontiers in Microbiology</i> , 2020 , 11, 94	5-7	7
5	A novel mechanism of bacterial adaptation mediated by copper-dependent RNA polymerase σ factors. <i>Transcription</i> , 2012 , 3, 63-7	4-8	7
4	PhoR1-PhoP1, a third two-component system of the family PhoRP from <i>Myxococcus xanthus</i> : role in development. <i>Journal of Bacteriology</i> , 2005 , 187, 4976-83	3-5	7
3	<i>Myxococcus xanthus</i> Pph2 is a manganese-dependent protein phosphatase involved in energy metabolism. <i>Journal of Biological Chemistry</i> , 2009 , 284, 28720-8	5-4	3
2	Phenolic content and antibacterial activity of olive oil waste waters 1992 , 11, 489		3
1	Fungal Lignocellulolytic Enzymes: Applications in Biodegradation and Bioconversion 2011 , 28-44		1