Herminia Loza-Tavera

List of Publications by Year
in descending order

26	3,812	471509	610901
papers	citations	17 h-index	24 g-index

27	27	27	4508
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chromium toxicity in plants. Environment International, 2005, 31, 739-753.	10.0	1,546
2	Interactions of chromium with microorganisms and plants. FEMS Microbiology Reviews, 2001, 25, 335-347.	8.6	916
3	Sulfur assimilation and glutathione metabolism under cadmium stress in yeast, protists and plants. FEMS Microbiology Reviews, 2005, 29, 653-671.	8.6	364
4	Biodegradative Activities of Selected Environmental Fungi on a Polyester Polyurethane Varnish and Polyether Polyurethane Foams. Applied and Environmental Microbiology, 2016, 82, 5225-5235.	3.1	156
5	Cytokinin promotes catalase and ascorbate peroxidase activities and preserves the chloroplast integrity during dark-senescence. Journal of Plant Physiology, 2007, 164, 1572-1582.	3.5	143
6	Monoterpenes in Essential Oils. Advances in Experimental Medicine and Biology, 1999, 464, 49-62.	1.6	102
7	Characterization of the Polyurethanolytic Activity of Two Alicycliphilus sp. Strains Able To Degrade Polyurethane and N -Methylpyrrolidone. Applied and Environmental Microbiology, 2007, 73, 6214-6223.	3.1	86
8	Degradation of Recalcitrant Polyurethane and Xenobiotic Additives by a Selected Landfill Microbial Community and Its Biodegradative Potential Revealed by Proximity Ligation-Based Metagenomic Analysis. Frontiers in Microbiology, 2019, 10, 2986.	3.5	84
9	Cadmium accumulation in the chloroplast ofEuglena gracilis. Physiologia Plantarum, 2002, 115, 276-283.	5.2	66
10	Mercury pretreatment selects an enhanced cadmium-accumulating phenotype in Euglena gracilis. Archives of Microbiology, 2003, 180, 1-10.	2.2	65
11	Current status on the biodegradability of acrylic polymers: microorganisms, enzymes and metabolic pathways involved. Applied Microbiology and Biotechnology, 2021, 105, 991-1006.	3.6	48
12	Alicycliphilus : current knowledge and potential for bioremediation of xenobiotics. Journal of Applied Microbiology, 2019, 126, 1643-1656.	3.1	35
13	Biodegradation of polyacrylic and polyester polyurethane coatings by enriched microbial communities. Applied Microbiology and Biotechnology, 2019, 103, 3225-3236.	3.6	35
14	Regulation of Ribulose-1,5-Bisphosphate Carboxylase Expression in Second Leaves of Maize Seedlings from Low and High Yield Populations. Plant Physiology, 1990, 93, 541-548.	4.8	26
15	In maize, two distinct ribulose 1,5-bisphosphate carboxylase/ oxygenase activase transcripts have different day/night patterns of expression. Biochimie, 2004, 86, 439-449.	2.6	24
16	Preliminary study on the biodegradation of adipate/phthalate polyester polyurethanes of commercialâ€type by Alicycliphilus sp. <scp>BQ</scp>8. Journal of Applied Polymer Science, 2016, 133, .	2.6	24
17	Metabolic changes induced by cold stress in rat liver mitochondria. Journal of Bioenergetics and Biomembranes, 2001, 33, 289-301.	2.3	20
18	Phosphorylation ofÂtheÂspinach chloroplast 24ÂkDa RNA-binding protein (24RNP) increases itsÂbinding toÂpetD andÂpsbA 3â€² untranslated regions. Biochimie, 2006, 88, 1217-1228.	2.6	17

#	Article	IF	Citations
19	Germination behavior, biochemical features and sequence analysis of the RACK1/arcA homolog from Phaseolus vulgaris. Physiologia Plantarum, 2009, 137, 264-280.	5.2	12
20	Protein phosphorylation regulates inÂvitro spinach chloroplast petD mRNA 3â€²-untranslated region stability, processing, and degradation. Biochimie, 2013, 95, 400-409.	2.6	9
21	Novel Metabolic Pathway for N -Methylpyrrolidone Degradation in Alicycliphilus sp. Strain BQ1. Applied and Environmental Microbiology, 2018, 84, .	3.1	8
22	Microbial Bioremediation of Chemical Pollutants: How Bacteria Cope with Multi-Stress Environmental Scenarios. , 0, , 481-492.		7
23	Concerted action of extracellular and cytoplasmic esterase and urethane-cleaving activities during Impranil biodegradation by Alicycliphilus denitrificans BQ1. Biodegradation, 2022, 33, 389-406.	3.0	6
24	Exploring the polyurethanolytic activity and microbial composition of landfill microbial communities. Applied Microbiology and Biotechnology, 2021, 105, 7969-7980.	3.6	5
25	DEHYDRINS PATTERNS IN COMMON BEAN EXPOSED TO DROUGHT AND WATERED CONDITIONS. Revista Fitotecnia Mexicana, 2014, 37, 59.	0.1	4
26	Purification of an Arabidopsis chloroplast extract with in vitro RNA processing activity on psbA and petD 3â€²-untranslated regions. Journal of Plant Physiology, 2012, 169, 429-433.	3.5	1