

# Herminia Loza-Tavera

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

3,812  
citations

471509

17  
h-index

610901

24  
g-index

27  
all docs

27  
docs citations

27  
times ranked

4508  
citing authors

#	ARTICLE	IF	CITATIONS
1	Concerted action of extracellular and cytoplasmic esterase and urethane-cleaving activities during Impranil biodegradation by <i>Alicyclophilus denitrificans</i> BQ1. <i>Biodegradation</i> , 2022, 33, 389-406.	3.0	6
2	Current status on the biodegradability of acrylic polymers: microorganisms, enzymes and metabolic pathways involved. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 991-1006.	3.6	48
3	Exploring the polyurethanolytic activity and microbial composition of landfill microbial communities. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 7969-7980.	3.6	5
4	<i>Alicyclophilus</i> : current knowledge and potential for bioremediation of xenobiotics. <i>Journal of Applied Microbiology</i> , 2019, 126, 1643-1656.	3.1	35
5	Biodegradation of polyacrylic and polyester polyurethane coatings by enriched microbial communities. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 3225-3236.	3.6	35
6	Degradation of Recalcitrant Polyurethane and Xenobiotic Additives by a Selected Landfill Microbial Community and Its Biodegradative Potential Revealed by Proximity Ligation-Based Metagenomic Analysis. <i>Frontiers in Microbiology</i> , 2019, 10, 2986.	3.5	84
7	Novel Metabolic Pathway for <i>N</i> -Methylpyrrolidone Degradation in <i>Alicyclophilus</i> sp. Strain BQ1. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	8
8	Preliminary study on the biodegradation of adipate/phthalate polyester polyurethanes of commercial type by <i>Alicyclophilus</i> sp. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	24
9	Biodegradative Activities of Selected Environmental Fungi on a Polyester Polyurethane Varnish and Polyether Polyurethane Foams. <i>Applied and Environmental Microbiology</i> , 2016, 82, 5225-5235.	3.1	156
10	DEHYDRINS PATTERNS IN COMMON BEAN EXPOSED TO DROUGHT AND WATERED CONDITIONS. <i>Revista Fitotecnia Mexicana</i> , 2014, 37, 59.	0.1	4
11	Protein phosphorylation regulates in vitro spinach chloroplast petD mRNA 3'-untranslated region stability, processing, and degradation. <i>Biochimie</i> , 2013, 95, 400-409.	2.6	9
12	Purification of an Arabidopsis chloroplast extract with in vitro RNA processing activity on psbA and petD 3'-untranslated regions. <i>Journal of Plant Physiology</i> , 2012, 169, 429-433.	3.5	1
13	Germination behavior, biochemical features and sequence analysis of the RACK1/arcA homolog from <i>Phaseolus vulgaris</i> . <i>Physiologia Plantarum</i> , 2009, 137, 264-280.	5.2	12
14	Cytokinin promotes catalase and ascorbate peroxidase activities and preserves the chloroplast integrity during dark-senescence. <i>Journal of Plant Physiology</i> , 2007, 164, 1572-1582.	3.5	143
15	Characterization of the Polyurethanolytic Activity of Two <i>Alicyclophilus</i> sp. Strains Able To Degrade Polyurethane and <i>N</i> -Methylpyrrolidone. <i>Applied and Environmental Microbiology</i> , 2007, 73, 6214-6223.	3.1	86
16	Phosphorylation of the spinach chloroplast 24 kDa RNA-binding protein (24RNP) increases its binding to petD and psbA 3'-untranslated regions. <i>Biochimie</i> , 2006, 88, 1217-1228.	2.6	17
17	Sulfur assimilation and glutathione metabolism under cadmium stress in yeast, protists and plants. <i>FEMS Microbiology Reviews</i> , 2005, 29, 653-671.	8.6	364
18	Chromium toxicity in plants. <i>Environment International</i> , 2005, 31, 739-753.	10.0	1,546

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19	In maize, two distinct ribulose 1,5-bisphosphate carboxylase/ oxygenase activase transcripts have different day/night patterns of expression. <i>Biochimie</i> , 2004, 86, 439-449.	2.6	24
20	Mercury pretreatment selects an enhanced cadmium-accumulating phenotype in <i>Euglena gracilis</i> . <i>Archives of Microbiology</i> , 2003, 180, 1-10.	2.2	65
21	Cadmium accumulation in the chloroplast of <i>Euglena gracilis</i> . <i>Physiologia Plantarum</i> , 2002, 115, 276-283.	5.2	66
22	Metabolic changes induced by cold stress in rat liver mitochondria. <i>Journal of Bioenergetics and Biomembranes</i> , 2001, 33, 289-301.	2.3	20
23	Interactions of chromium with microorganisms and plants. <i>FEMS Microbiology Reviews</i> , 2001, 25, 335-347.	8.6	916
24	Monoterpenes in Essential Oils. <i>Advances in Experimental Medicine and Biology</i> , 1999, 464, 49-62.	1.6	102
25	Regulation of Ribulose-1,5-Bisphosphate Carboxylase Expression in Second Leaves of Maize Seedlings from Low and High Yield Populations. <i>Plant Physiology</i> , 1990, 93, 541-548.	4.8	26
26	Microbial Bioremediation of Chemical Pollutants: How Bacteria Cope with Multi-Stress Environmental Scenarios. , 0, , 481-492.		7