MartÃ-n Vargas-SuÃ¡rez

List of Publications by Year
in descending order

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16	678	933447	996975
papers	citations	10	15
		h-index	g-index

17	17	17	884
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	Protein-mediated protection as the predominant mechanism for defining processed mRNA termini in land plant chloroplasts. Nucleic Acids Research, 2012, 40, 3092-3105.	14.5	116
4	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
5	Biodegradation of polyacrylic and polyester polyurethane coatings by enriched microbial communities. Applied Microbiology and Biotechnology, 2019, 103, 3225-3236.	3.6	35
6	Rubisco activase chaperone activity is regulated by a post-translational mechanism in maize leaves. Journal of Experimental Botany, 2004, 55, 2533-2539.	4.8	26
7	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
8	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
9	Metabolic changes induced by cold stress in rat liver mitochondria. Journal of Bioenergetics and Biomembranes, 2001, 33, 289-301.	2.3	20
10	Phosphorylation ofÂtheÂspinach chloroplast 24ÂkDa RNA-binding protein (24RNP) increases itsÂbinding toÂpetD andÂpsbA 3â€² untranslated regions. Biochimie, 2006, 88, 1217-1228.	2.6	17
11	Protein phosphorylation regulates inÂvitro spinach chloroplast petD mRNA 3â€²-untranslated region stability, processing, and degradation. Biochimie, 2013, 95, 400-409.	2.6	9
12	Novel Metabolic Pathway for N -Methylpyrrolidone Degradation in Alicycliphilus sp. Strain BQ1. Applied and Environmental Microbiology, 2018, 84, .	3.1	8
13	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
14	Exploring the polyurethanolytic activity and microbial composition of landfill microbial communities. Applied Microbiology and Biotechnology, 2021, 105, 7969-7980.	3.6	5
15	Influence of carbon source and CO2-enrichment on biochemical parameters associated with photomixotrophia in maize callus cultures. Journal of Plant Physiology, 1996, 149, 585-591.	3.5	1
16	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