Liliana A Cardemil

List of Publications by Year
in descending order

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38 papers	789 citations	516710 16 h-index	526287 27 g-index
40 all docs	40 docs citations	40 times ranked	922 citing authors

#	Article	IF	Citations
1	Preconditioning to Water Deficit Helps Aloe vera to Overcome Long-Term Drought during the Driest Season of Atacama Desert. Plants, 2022, 11, 1523.	3.5	4
2	Water deficit and abscisic acid treatments increase the expression of a glucomannan mannosyltransferase gene (GMMT) in Aloe vera Burm. F.. Phytochemistry, 2019, 159, 90-101.	2.9	7
3	Acemannan and Fructans from Aloe vera (Aloe barbadensis Miller) Plants as Novel Prebiotics. Journal of Agricultural and Food Chemistry, 2017, 65, 10029-10039.	5.2	58
4	Methyl Jasmonate: An Alternative for Improving the Quality and Health Properties of Fresh Fruits. Molecules, 2016, 21, 567.	3.8	99
5	Structural Modifications of Fructans in Aloe barbadensis Miller (Aloe Vera) Grown under Water Stress. PLoS ONE, 2016, 11, e0159819.	2.5	38
6	Expression of hsp70, hsp100 and ubiquitin in Aloe barbadensis Miller under direct heat stress and under temperature acclimation conditions. Plant Cell Reports, 2013, 32, 293-307.	5.6	19
7	Superoxide dismutase is a critical enzyme to alleviate oxidative stress inAloe vera(L.) Burm. plants subjected to water deficit. Plant Ecology and Diversity, 2012, 5, 183-195.	2.4	4
8	Effect of water availability on growth and water use efficiency for biomass and gel production in Aloe Vera (Aloe barbadensis M.). Industrial Crops and Products, 2010, 31, 20-27.	5.2	42
9	Mitigating effect of salicylic acid and nitrate on water relations and osmotic adjustment in maize, cv. LluteÃ±o exposed to salinity. Ciencia E Investigacion Agraria, 2010, 37, 71-81.	0.2	2
10	Irrigation restriction effects on water use efficiency and osmotic adjustment in Aloe Vera plants (Aloe barbadensis Miller). Agricultural Water Management, 2010, 97, 1564-1570.	5.6	36
11	Effects of water stress and high temperature on photosynthetic rates of two species of Prosopis. Journal of Photochemistry and Photobiology B: Biology, 2008, 92, 67-76.	3.8	23
12	Accumulation of HSP70 in Deschampsia antarctica Desv. leaves under thermal stress. Antarctic Science, 2003, 15, 345-352.	0.9	18
13	The role of two isoenzymes of Â-amylase of Araucaria araucana (Araucariaceae) on the digestion of starch granules during germination. Journal of Experimental Botany, 2003, 54, 901-911.	4.8	13
14	Differences in wound-induced changes in cell-wall peroxidase activities and isoform patterns between seedlings of Prosopis tamarugo and Prosopis chilensis. Tree Physiology, 2003, 23, 443-452.	3.1	5
15	Induction of Soluble and Cell Wall Peroxidases by Aphid Infestation in Barley. Journal of Agricultural and Food Chemistry, 2001, 49, 2249-2253.	5.2	38
16	Field studies on the photosynthesis of two desert Chilean plants: Prosopis chilensis and Prosopis tamarugo. Journal of Photochemistry and Photobiology B: Biology, 2001, 64, 36-44.	3.8	17
17	Ethylene production and peroxidase activity in aphid-infested barley. Journal of Chemical Ecology, 2001, 27, 53-68.	1.8	92
18	Heatâ€shock responses in two leguminous plants: a comparative study. Journal of Experimental Botany, 2001, 52, 1711-1719.	4.8	10

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19	Regulation of Î±-amylase isoenzyme expression in Araucaria araucana by gibberellic and abscisic acids. Phytochemistry, 1997, 44, 1401-1405.	2.9	10
20	Tissue specific expression of cell wall proteins of seedlings of Prosopis chilensis during development and wound stress. Physiologia Plantarum, 1995, 93, 457-463.	5.2	4
21	Two cationic peroxidases from cell walls of Araucaria araucana seeds. Phytochemistry, 1995, 39, 29-32.	2.9	2
22	Physiological and molecular responses of Prosopis chilensis under field and simulation conditions. Phytochemistry, 1995, 40, 1375-1382.	2.9	13
23	Tissue specific expression of cell wall proteins of seedlings of Prosopis chilensis during development and wound stress. Physiologia Plantarum, 1995, 93, 457-463.	5.2	0
24	Floral nectary structure and nectar composition in Eccremocarpus scaber (Bignoniaceae), a hummingbirdâ€pollinated plant of central Chile. American Journal of Botany, 1994, 81, 493-503.	1.7	16
25	Cell wall proteins in seedling cotyledons of Prosopis chilensis. Phytochemistry, 1994, 35, 281-286.	2.9	8
26	Biochemical and immunological characterization of alpha-amylase isoenzymes of Araucaria araucana. Physiologia Plantarum, 1994, 92, 149-159.	5.2	4
27	Biochemical and immunological characterization of alpha-amylase isoenzymes of Araucaria araucana. Physiologia Plantarum, 1994, 92, 149-159.	5.2	0
28	Prosopis chilensis is a plant highly tolerant to heat shock. Plant, Cell and Environment, 1993, 16, 305-310.	5.7	20
29	Peroxidases in the cell walls of seeds and seedlings of Araucaria araucana. Phytochemistry, 1992, 32, 15-20.	2.9	9
30	Expression of Cell Wall Proteins in Seeds and During Early Seedling Growth ofAraucaria araucanais a Response to Wound Stress and is Developmentally Regulated. Journal of Experimental Botany, 1991, 42, 415-421.	4.8	16
31	The Multiple Forms of Î±-Amylase Enzyme of the Araucaria Species of South America: A. araucana (Mol.) Koch and A. angustifolia (Bert.) O. Kutz. Plant Physiology, 1986, 81, 1062-1068.	4.8	12
32	Starch Degradation Metabolism towards Sucrose Synthesis in Germinating Araucaria araucana Seeds. Plant Physiology, 1984, 76, 1047-1054.	4.8	21
33	Comparative study of the karyotypes of South American species of Araucaria. Journal of Heredity, 1984, 75, 121-125.	2.4	11
34	Light and Electron Microscopic Stuay of in vitro Cultured Female Gametophyte of Araucaria araucaria (Mol.) Koch. Zeitschrift FÃ¼r Pflanzenphysiologie, 1982, 107, 329-338.	1.4	6
35	Isolated heterocysts of anabaena variabilis synthesize envelope polysaccharide. Biochimica Et Biophysica Acta - General Subjects, 1981, 674, 265-276.	2.4	24
36	POLYSACCHARIDES FROM THE ENVELOPES OF HETEROCYSTS AND SPORES OF THE BLUEâ€GREEN ALGAE ANABAENA VARIABILIS AND CYLINDROSPERMUM LICHENIFORME¹. Journal of Phycology, 1981, 17, 234-240.	2.3	35

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37	POLYSACCHARIDES FROM THE ENVELOPES OF HETEROCYSTS AND SPORES OF THE BLUE-GREEN ALGAE ANABAENA VARIABILIS AND CYLINDROSPERMUM LICHENIFORME1. Journal of Phycology, 1981, 17, 234-240.	2.3	9
38	Cell kinetics, stomatal differentiation, and diurnal rhythm in Allium cepa. Developmental Biology, 1973, 32, 179-188.	2.0	8