

Liliana A Cardemil

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8854506/publications.pdf>

Version: 2024-02-01

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	Methyl Jasmonate: An Alternative for Improving the Quality and Health Properties of Fresh Fruits. <i>Molecules</i> , 2016, 21, 567.	3.8	99
2	Ethylene production and peroxidase activity in aphid-infested barley. <i>Journal of Chemical Ecology</i> , 2001, 27, 53-68.	1.8	92
3	Acemannan and Fructans from Aloe vera (<i>Aloe barbadensis</i> Miller) Plants as Novel Prebiotics. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 10029-10039.	5.2	58
4	Effect of water availability on growth and water use efficiency for biomass and gel production in Aloe Vera (<i>Aloe barbadensis</i> M.). <i>Industrial Crops and Products</i> , 2010, 31, 20-27.	5.2	42
5	Induction of Soluble and Cell Wall Peroxidases by Aphid Infestation in Barley. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 2249-2253.	5.2	38
6	Structural Modifications of Fructans in Aloe barbadensis Miller (Aloe Vera) Grown under Water Stress. <i>PLoS ONE</i> , 2016, 11, e0159819.	2.5	38
7	Irrigation restriction effects on water use efficiency and osmotic adjustment in Aloe Vera plants (<i>Aloe barbadensis</i> Miller). <i>Agricultural Water Management</i> , 2010, 97, 1564-1570.	5.6	36
8	POLYSACCHARIDES FROM THE ENVELOPES OF HETEROCYSTES AND SPORES OF THE BLUE-GREEN ALGAE <i>ANABAENA VARIABILIS</i> AND <i>CYLINDROSPERMUM LICHENIFORME</i> . <i>Journal of Phycology</i> , 1981, 17, 234-240.	2.3	35
9	Isolated heterocysts of anabaena variabilis synthesize envelope polysaccharide. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1981, 674, 265-276.	2.4	24
10	Effects of water stress and high temperature on photosynthetic rates of two species of Prosopis. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2008, 92, 67-76.	3.8	23
11	Starch Degradation Metabolism towards Sucrose Synthesis in Germinating Araucaria araucana Seeds. <i>Plant Physiology</i> , 1984, 76, 1047-1054.	4.8	21
12	Prosopis chilensis is a plant highly tolerant to heat shock. <i>Plant, Cell and Environment</i> , 1993, 16, 305-310.	5.7	20
13	Expression of hsp70, hsp100 and ubiquitin in Aloe barbadensis Miller under direct heat stress and under temperature acclimation conditions. <i>Plant Cell Reports</i> , 2013, 32, 293-307.	5.6	19
14	Accumulation of HSP70 in Deschampsia antarctica Desv. leaves under thermal stress. <i>Antarctic Science</i> , 2003, 15, 345-352.	0.9	18
15	Field studies on the photosynthesis of two desert Chilean plants: Prosopis chilensis and Prosopis tamarugo. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2001, 64, 36-44.	3.8	17
16	Expression of Cell Wall Proteins in Seeds and During Early Seedling Growth of Araucaria araucana is a Response to Wound Stress and is Developmentally Regulated. <i>Journal of Experimental Botany</i> , 1991, 42, 415-421.	4.8	16
17	Floral nectary structure and nectar composition in <i>Eccremocarpus scaber</i> (Bignoniaceae), a hummingbird-pollinated plant of central Chile. <i>American Journal of Botany</i> , 1994, 81, 493-503.	1.7	16
18	Physiological and molecular responses of Prosopis chilensis under field and simulation conditions. <i>Phytochemistry</i> , 1995, 40, 1375-1382.	2.9	13

#	ARTICLE	IF	CITATIONS
19	The role of two isoenzymes of α -amylase of <i>Araucaria araucana</i> (Araucariaceae) on the digestion of starch granules during germination. <i>Journal of Experimental Botany</i> , 2003, 54, 901-911.	4.8	13
20	The Multiple Forms of α -Amylase Enzyme of the <i>Araucaria</i> Species of South America: <i>A. araucana</i> (Mol.) Koch and <i>A. angustifolia</i> (Bert.) O. Kutz. <i>Plant Physiology</i> , 1986, 81, 1062-1068.	4.8	12
21	Comparative study of the karyotypes of South American species of <i>Araucaria</i> . <i>Journal of Heredity</i> , 1984, 75, 121-125.	2.4	11
22	Regulation of α -amylase isoenzyme expression in <i>Araucaria araucana</i> by gibberellic and abscisic acids. <i>Phytochemistry</i> , 1997, 44, 1401-1405.	2.9	10
23	Heat shock responses in two leguminous plants: a comparative study. <i>Journal of Experimental Botany</i> , 2001, 52, 1711-1719.	4.8	10
24	Peroxidases in the cell walls of seeds and seedlings of <i>Araucaria araucana</i> . <i>Phytochemistry</i> , 1992, 32, 15-20.	2.9	9
25	POLYSACCHARIDES FROM THE ENVELOPES OF HETEROCYSTES AND SPORES OF THE BLUE-GREEN ALGAE <i>ANABAENA VARIABILIS</i> AND <i>CYLINDROSPERMUM LICHENIFORME</i> . <i>Journal of Phycology</i> , 1981, 17, 234-240.	2.3	9
26	Cell kinetics, stomatal differentiation, and diurnal rhythm in <i>Allium cepa</i> . <i>Developmental Biology</i> , 1973, 32, 179-188.	2.0	8
27	Cell wall proteins in seedling cotyledons of <i>Prosopis chilensis</i> . <i>Phytochemistry</i> , 1994, 35, 281-286.	2.9	8
28	Water deficit and abscisic acid treatments increase the expression of a glucomannan mannosyltransferase gene (GMMT) in <i>Aloe vera</i> Burm. F.. <i>Phytochemistry</i> , 2019, 159, 90-101.	2.9	7
29	Light and Electron Microscopic Study of in vitro Cultured Female Gametophyte of <i>Araucaria araucaria</i> (Mol.) Koch. <i>Zeitschrift für Pflanzenphysiologie</i> , 1982, 107, 329-338.	1.4	6
30	Differences in wound-induced changes in cell-wall peroxidase activities and isoform patterns between seedlings of <i>Prosopis tamarugo</i> and <i>Prosopis chilensis</i> . <i>Tree Physiology</i> , 2003, 23, 443-452.	3.1	5
31	Biochemical and immunological characterization of alpha-amylase isoenzymes of <i>Araucaria araucana</i> . <i>Physiologia Plantarum</i> , 1994, 92, 149-159.	5.2	4
32	Tissue specific expression of cell wall proteins of seedlings of <i>Prosopis chilensis</i> during development and wound stress. <i>Physiologia Plantarum</i> , 1995, 93, 457-463.	5.2	4
33	Superoxide dismutase is a critical enzyme to alleviate oxidative stress in <i>Aloe vera</i> (L.) Burm. plants subjected to water deficit. <i>Plant Ecology and Diversity</i> , 2012, 5, 183-195.	2.4	4
34	Preconditioning to Water Deficit Helps <i>Aloe vera</i> to Overcome Long-Term Drought during the Driest Season of Atacama Desert. <i>Plants</i> , 2022, 11, 1523.	3.5	4
35	Two cationic peroxidases from cell walls of <i>Araucaria araucana</i> seeds. <i>Phytochemistry</i> , 1995, 39, 29-32.	2.9	2
36	Mitigating effect of salicylic acid and nitrate on water relations and osmotic adjustment in maize, cv. Llueta exposed to salinity. <i>Ciencia E Investigacion Agraria</i> , 2010, 37, 71-81.	0.2	2

#	ARTICLE	IF	CITATIONS
37	Biochemical and immunological characterization of alpha-amylase isoenzymes of <i>Araucaria araucana</i> . <i>Physiologia Plantarum</i> , 1994, 92, 149-159.	5.2	0
38	Tissue specific expression of cell wall proteins of seedlings of <i>Prosopis chilensis</i> during development and wound stress. <i>Physiologia Plantarum</i> , 1995, 93, 457-463.	5.2	0