

daniel Gonzalez-Mendoza

List of Publications by Year in descending order

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papers

661
citations

623699

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610883

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44
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921
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#	ARTICLE	IF	CITATIONS
1	Coordinated responses of phytochelatin synthase and metallothionein genes in black mangrove, <i>Avicennia germinans</i> , exposed to cadmium and copper. <i>Aquatic Toxicology</i> , 2007, 83, 306-314.	4.0	106
2	The Pb-hyperaccumulator aquatic fern <i>Salvinia minima</i> Baker, responds to Pb ²⁺ by increasing phytochelatin synthesis via changes in SmPCS expression and in phytochelatin synthase activity. <i>Aquatic Toxicology</i> , 2009, 91, 320-328.	4.0	86
3	A rapid method for isolation of total DNA from pathogenic filamentous plant fungi. <i>Genetics and Molecular Research</i> , 2010, 9, 162-166.	0.2	44
4	Copper Stress on Photosynthesis of Black Mangle (<i>Avicennia germinans</i>). <i>Anais Da Academia Brasileira De Ciencias</i> , 2013, 85, 665-670.	0.8	33
5	Changes in the phenylalanine ammonia lyase activity, total phenolic compounds, and flavonoids in <i>Prosopis glandulosa</i> treated with cadmium and copper. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 1465-1472.	0.8	31
6	Silver nanoparticles from <i>Justicia spicigera</i> and their antimicrobial potentialities in the biocontrol of foodborne bacteria and phytopathogenic fungi. <i>Revista Argentina De Microbiologia</i> , 2019, 51, 103-109.	0.7	28
7	Multiple Effects of Cadmium on the Photosynthetic Apparatus of <i>Avicennia germinans</i> L. as Probed by OJIP Chlorophyll Fluorescence Measurements. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007, 62, 265-272.	1.4	27
8	Survival of <i>Bemisia tabaci</i> and activity of plant defense-related enzymes in genotypes of <i>Capsicum annum</i> L.. <i>Chilean Journal of Agricultural Research</i> , 2015, 75, 71-77.	1.1	25
9	Silver nanoparticles from <i>Prosopis glandulosa</i> and their potential application as biocontrol of <i>Acinetobacter calcoaceticus</i> and <i>Bacillus cereus</i> . <i>Chemical Speciation and Bioavailability</i> , 2017, 29, 1-5.	2.0	23
10	Isolation and Identification of Phosphate Solubilizing <i>Bacillus</i> spp. from <i>Tamarix ramosissima</i> Rhizosphere and Their Effect on Growth of <i>Phaseolus vulgaris</i> Under Salinity Stress. <i>Geomicrobiology Journal</i> , 2020, 37, 901-908.	2.0	21
11	Cell Viability and Leakage of Electrolytes in <i>Avicennia germinans</i> Exposed to Heavy Metals. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2009, 64, 391-394.	1.4	20
12	Foliar application of green nanoparticles in <i>Annona muricata</i> L. plants and their effects in physiological and biochemical parameters. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 28, 101751.	3.1	18
13	Bioaccumulation and effect of cadmium in the photosynthetic apparatus of <i>Prosopis juliflora</i> . <i>Chemical Speciation and Bioavailability</i> , 2016, 28, 1-6.	2.0	17
14	A novel streptomycetes rhizobacteria from desert soil with diverse anti-fungal properties. <i>Rhizosphere</i> , 2020, 16, 100243.	3.0	15
15	Supplemental leucine and isoleucine affect expression of cationic amino acid transporters and myosin, serum concentration of amino acids, and growth performance of pigs. <i>Genetics and Molecular Research</i> , 2013, 12, 115-126.	0.2	14
16	Fatty Acids Profile, Phenolic Compounds and Antioxidant Capacity in Elicited Callus of <i>Thevetia peruviana</i> (Pers.) K. Schum. <i>Journal of Oleo Science</i> , 2016, 65, 311-318.	1.4	13
17	Changes of photochemical efficiency and epidermal polyphenols content of <i>Prosopis glandulosa</i> and <i>Prosopis juliflora</i> leaves exposed to cadmium and copper. <i>Open Life Sciences</i> , 2017, 12, 373-378.	1.4	13
18	Plant Growth and Sugars Content of <i>Agave americana</i> L. Cultivated with Vermicompost and Rock Phosphate and Inoculated with <i>Penicillium</i> sp. and <i>Glomus fasciculatum</i> . <i>Compost Science and Utilization</i> , 2016, 24, 259-265.	1.2	10

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19	Influence of monometallic and bimetallic phytonanoparticles on physiological status of mezquite. <i>Open Life Sciences</i> , 2019, 14, 62-68.	1.4	10
20	Inhibition of <i>Fusarium solani</i> in transgenic insect-resistant cotton plants treated with silver nanoparticles from <i>Prosopis glandulosa</i> and <i>Pluchea sericea</i> . <i>Egyptian Journal of Biological Pest Control</i> , 2018, 28, .	1.8	9
21	Production and quality of grafted watermelon in saline soil. <i>Horticultura Brasileira</i> , 2019, 37, 215-220.	0.5	9
22	Molecular identification of phosphate-solubilizing native bacteria isolated from the rhizosphere of <i>Prosopis glandulosa</i> in Mexicali valley. <i>Genetics and Molecular Research</i> , 2015, 14, 2793-2798.	0.2	7
23	Effects of cadmium on total phenolic compounds and flavonoids in <i>Euglena gracilis</i> . <i>Gayana</i> , 2016, 80, 1-5.	0.1	7
24	Methodology A rapid and inexpensive method for isolation of total DNA from <i>Trichoderma</i> spp (<i>Hypocreaceae</i>). <i>Genetics and Molecular Research</i> , 2012, 11, 1379-1384.	0.2	7
25	Molecular identification of <i>Fusarium</i> species isolated from transgenic insect-resistant cotton plants in Mexicali valley, Baja California. <i>Genetics and Molecular Research</i> , 2015, 14, 11739-11744.	0.2	5
26	A rapid and efficient method for isolation of total RNA from <i>Euglena gracilis</i> (<i>Euglenoidea</i>). <i>Genetics and Molecular Research</i> , 2009, 8, 482-486.	0.2	5
27	Photosynthetic responses of a salt secretor mangrove, <i>Avicennia germinans</i> , exposed to salinity stress. <i>Aquatic Ecosystem Health and Management</i> , 2011, 14, 285-290.	0.6	4
28	Fast protocol for extraction of DNA from <i>Prosopis</i> spp leaves (plant adapted to arid environment) without liquid nitrogen. <i>Genetics and Molecular Research</i> , 2013, 12, 4090-4094.	0.2	4
29	ANALYSIS OF THE 3' END REGIONS OF THE GDF9 AND BMPR1B GENES IN BLACKBELLY SHEEP FROM YUCATÁN, MEXICO. <i>Ciencia E Investigacion Agraria</i> , 2014, 41, 23-24.	0.2	4
30	Silver nanoparticles from <i>Hpytus suaveolens</i> and their effect on biochemical and physiological parameter in mesquite plants. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 28, 101733.	3.1	4
31	Changes in the physiological and biochemical state of peanut plants (<i>Arachis hypogaea</i> L.) induced by exposure to green metallic nanoparticles. <i>International Journal of Phytoremediation</i> , 2020, 23, 1-8.	3.1	3
32	Respuesta fisiológica de <i>Euglena gracilis</i> al estrés por cobre. <i>Quimica Nova</i> , 2011, 34, 1211-1214.	0.3	3
33	Bioaccumulation and changes in the photosynthetic apparatus of <i>Prosopis juliflora</i> exposed to copper. <i>Botanical Sciences</i> , 2016, 94, 323.	0.8	3
34	Influence of rootstock on postharvest watermelon quality. <i>Revista Chapingo, Serie Horticultura</i> , 2016, XXIII, 49-58.	0.4	3
35	Modifications of photochemical efficiency, cellular viability and total phenolic content of <i>Prosopis glandulosa</i> leaves exposed to copper. <i>Chemistry and Ecology</i> , 2014, 30, 227-232.	1.6	2
36	Producción de Cucumissativusen el valle de Mexicali, Baja California, México. <i>Idesia</i> , 2013, 31, 17-20.	0.3	1

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37	Compuestos fenólicos y capacidad antioxidante presentes en tres variedades de berenjena cultivadas en el valle de Mexicali, Baja California. <i>Idesia</i> , 2015, 33, 17-21.	0.3	1
38	Inoculación de <i>Trichoderma longibrachiatum</i> en algodón transgénico: Cambios en compuestos fenólicos y enzimas de estrés oxidativo. <i>Idesia</i> , 2017, , 1-6.	0.3	1
39	Influence of Mycorrhization on the Growth and Fructan Production in Micropropagated <i>Agave grijalvensis</i> (B. Ullrich) Plantlets. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2020, 90, 375-380.	1.0	1
40	Inoculantes comerciales en Baja California, México: calidad y capacidad de biocontrol de hongos fitopatógenos. <i>Revista Colombiana De Investigaciones Agroindustriales</i> , 2022, 9, 1-8.	0.1	0