

# Bernardo Murillo-Amador

## List of Publications by Citations

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72  
papers

1,147  
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18  
h-index

31  
g-index

93  
ext. papers

1,398  
ext. citations

2.6  
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4.07  
L-index

#	Paper	IF	Citations
72	Silicon improves salinity tolerance in wheat plants. <i>Environmental and Experimental Botany</i> , <b>2008</b> , 62, 10-16	5.9	201
71	Comparative Effects of NaCl and Polyethylene Glycol on Germination, Emergence and Seedling Growth of Cowpea. <i>Journal of Agronomy and Crop Science</i> , <b>2002</b> , 188, 235-247	3.9	123
70	Influence of Calcium Silicate on Growth, Physiological Parameters and Mineral Nutrition in Two Legume Species Under Salt Stress. <i>Journal of Agronomy and Crop Science</i> , <b>2007</b> , 193, 413-421	3.9	62
69	Effects of foliar application of calcium nitrate on growth and physiological attributes of cowpea ( <i>Vigna unguiculata</i> L. Walp.) grown under salt stress. <i>Environmental and Experimental Botany</i> , <b>2006</b> , 58, 188-196	5.9	53
68	Mechanisms employed by <i>Debaryomyces hansenii</i> in biological control of anthracnose disease on papaya fruit. <i>Postharvest Biology and Technology</i> , <b>2018</b> , 139, 31-37	6.2	49
67	Effect of NaCl salinity in the genotypic variation of cowpea ( <i>Vigna unguiculata</i> ) during early vegetative growth. <i>Scientia Horticulturae</i> , <b>2006</b> , 108, 423-431	4.1	44
66	Genome-wide analysis of the beta-glucosidase gene family in maize ( <i>Zea mays</i> L. var B73). <i>Plant Molecular Biology</i> , <b>2011</b> , 77, 159-83	4.6	36
65	FIELD EVALUATION OF THE RELATIONSHIP BETWEEN CHLOROPHYLL CONTENT IN BASIL LEAVES AND A PORTABLE CHLOROPHYLL METER (SPAD-502) READINGS. <i>Journal of Plant Nutrition</i> , <b>2010</b> , 33, 423-438	2.3	34
64	Effects of a Nitrogen-Fixing Indigenous Bacterium ( <i>Klebsiella pneumoniae</i> ) on the Growth and Development of the Halophyte <i>Salicornia bigelovii</i> as a New Crop for Saline Environments. <i>Journal of Agronomy and Crop Science</i> , <b>2003</b> , 189, 323-332	3.9	27
63	Efficiency of two inoculation methods of <i>Pseudomonas putida</i> on growth and yield of tomato plants. <i>Journal of Soil Science and Plant Nutrition</i> , <b>2017</b> , 17, 1003-1012	3.2	26
62	Nutritional reference values for <i>Opuntia ficus-indica</i> determined by means of the boundary-line approach. <i>Journal of Plant Nutrition and Soil Science</i> , <b>2010</b> , 173, 927-934	2.3	24
61	Germination of <i>Salicornia bigelovii</i> Ecotypes under Stressing Conditions of Temperature and Salinity and Ameliorative Effects of Plant Growth-promoting Bacteria. <i>Journal of Agronomy and Crop Science</i> , <b>2007</b> , 193, 167-176	3.9	24
60	Response to salinity of three grain legumes for potential cultivation in arid areas. <i>Soil Science and Plant Nutrition</i> , <b>2003</b> , 49, 329-336	1.6	24
59	Yield and physiological traits of prickly pear cactus <i>Opuntia</i> spp.) cultivars under drip irrigation. <i>Agricultural Water Management</i> , <b>2004</b> , 70, 97-107	5.9	23
58	Physiological, morphometric characteristics and yield of <i>Origanum vulgare</i> L. and <i>Thymus vulgaris</i> L. exposed to open-field and shade-enclosure. <i>Industrial Crops and Products</i> , <b>2013</b> , 49, 659-667	5.9	20
57	Preliminary compositional nutrient diagnosis norms in <i>Aloe vera</i> L. grown on calcareous soil in an arid environment. <i>Environmental and Experimental Botany</i> , <b>2006</b> , 58, 244-252	5.9	20
56	Mineral content and biochemical variables of <i>Aloe vera</i> L. under salt stress. <i>PLoS ONE</i> , <b>2014</b> , 9, e94870	3.7	19

55	Enhanced biocontrol of fruit rot on muskmelon by combination treatment with marine <i>Debaryomyces hansenii</i> and <i>Stenotrophomonas rhizophila</i> and their potential modes of action. <i>Postharvest Biology and Technology</i> , <b>2019</b> , 151, 61-67	6.2	18
54	Effects of plant growth promoting bacteria and mycorrhizal on <i>Capsicum annum</i> L. var. <i>aviculare</i> ([Dierbach] D'Arcy and Eshbaugh) germination under stressing abiotic conditions. <i>Plant Physiology and Biochemistry</i> , <b>2010</b> , 48, 724-30	5.4	17
53	Salt tolerance of cowpea genotypes in the emergence stage. <i>Australian Journal of Experimental Agriculture</i> , <b>2001</b> , 41, 81		16
52	Propagation Techniques and Agronomic Requirements for the Cultivation of Barbados Aloe ( (L.) Burm. F.)-A Review. <i>Frontiers in Plant Science</i> , <b>2016</b> , 7, 1410	6.2	15
51	Foliar Aspersion of Salicylic Acid Improves Phenolic and Flavonoid Compounds, and Also the Fruit Yield in Cucumber ( L.). <i>Plants</i> , <b>2019</b> , 8,	4.5	14
50	Effect of Hydropriming and Bioprimering on Seed Germination and Growth of Two Mexican Fir Tree Species in Danger of Extinction. <i>Forests</i> , <b>2015</b> , 6, 3109-3122	2.8	14
49	Compositional nutrient diagnosis and main nutrient interactions in yellow pepper grown on desert calcareous soils. <i>Journal of Plant Nutrition and Soil Science</i> , <b>2004</b> , 167, 509-515	2.3	13
48	Halophyte Common Ice Plants: A Future Solution to Arable Land Salinization. <i>Sustainability</i> , <b>2019</b> , 11, 6076	3.6	13
47	Changing environmental conditions and applying organic fertilizers in <i>Origanum vulgare</i> L. <i>Frontiers in Plant Science</i> , <b>2015</b> , 6, 549	6.2	11
46	Matching physiological traits and ion concentrations associated with salt stress in cowpea genotypes. <i>Australian Journal of Agricultural Research</i> , <b>2002</b> , 53, 1243		11
45	Relationship between a nondestructive and an extraction method for measuring chlorophyll contents in cowpea leaves. <i>Journal of Plant Nutrition and Soil Science</i> , <b>2004</b> , 167, 363-364	2.3	10
44	Moderate salt stress on the physiological and morphological traits of <i>Aloe vera</i> L.. <i>Botanical Sciences</i> , <b>2015</b> , 93, 639	1.4	9
43	Distribution and density of maguey plants in the arid Zacatecas Plateau, Mexico. <i>Journal of Arid Environments</i> , <b>2005</b> , 61, 525-534	2.5	9
42	Preliminary compositional nutrient diagnosis norms for cowpea ( <i>Vigna unguiculata</i> (L.) Walp.) grown on desert calcareous soil. <i>Plant and Soil</i> , <b>2005</b> , 271, 297-307	4.2	9
41	Effects of NaCl Salinity on Growth and Production of Young Cladodes of <i>Opuntia ficus-indica</i> . <i>Journal of Agronomy and Crop Science</i> , <b>2001</b> , 187, 269-279	3.9	9
40	Increasing doses of potassium increases yield and quality of muskmelon fruits under greenhouse. <i>Horticultura Brasileira</i> , <b>2018</b> , 36, 184-188	0.9	9
39	Comparison of nutrient uptake and antioxidative response among four Labiatae herb species under salt stress condition. <i>Soil Science and Plant Nutrition</i> , <b>2018</b> , 64, 589-597	1.6	8
38	Análisis de la sequía y desertificación mediante índices de aridez y estimación de la brecha hídrica en Baja California Sur, noroeste de México. <i>Investigaciones Geográficas</i> , <b>2015</b> ,	0.6	8

37	Involvement of -Cysteine Desulphydrase and Hydrogen Sulfide in Glutathione-Induced Tolerance to Salinity by Accelerating Ascorbate-Glutathione Cycle and Glyoxalase System in. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	8
36	Effect of Ulvan on the Biocontrol Activity of <i>Debaryomyces hansenii</i> and <i>Stenotrophomonas rhizophila</i> against Fruit Rot of <i>Cucumis melo</i> L.. <i>Agronomy</i> , <b>2018</b> , 8, 273	3.6	8
35	Environmental and Management Considerations for Adopting the Halophyte <i>Salicornia bigelovii</i> Torr. as a Sustainable Seawater-Irrigated Crop.. <i>Sustainability</i> , <b>2020</b> , 12, 707	3.6	7
34	Effects of salinity on the germination and seedling characteristics of cowpea [ <i>Vigna unguiculata</i> (L.) Walp.]. <i>Australian Journal of Experimental Agriculture</i> , <b>2000</b> , 40, 433		7
33	Effect of Marine Bacteria and Ulvan on the Activity of Antioxidant Defense Enzymes and the Bio-Protection of Papaya Fruit against. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	7
32	Effect of <i>Pseudomonas putida</i> on growth and anthocyanin pigment in two poinsettia ( <i>Euphorbia pulcherrima</i> ) cultivars. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 810192	2.2	6
31	Assessment of sustainability performance on the utilization of Agave ( <i>Agave salmiana</i> ssp <i>crassispina</i> ) in Zacatecas, Mexico. <i>International Journal of Sustainable Development and World Ecology</i> , <b>2007</b> , 14, 362-371	3.8	6
30	Germinación y características de plántulas de variedades de albahaca ( <i>Ocimum basilicum</i> L.) sometidas a estrés salino. <i>Revista Mexicana De Ciencias Agrícolas</i> , <b>2013</b> , 4, 869-880	1.2	5
29	Baseline study of morphometric traits of wild <i>Capsicum annuum</i> growing near two biosphere reserves in the Peninsula of Baja California for future conservation management. <i>BMC Plant Biology</i> , <b>2015</b> , 15, 118	5.3	4
28	Environmental traditional knowledge in a natural protected area as the basis for management and conservation policies. <i>Journal of Environmental Management</i> , <b>2017</b> , 201, 63-71	7.9	4
27	Familias de agua subterránea y distribución de sulfidos totales disueltos en el acuífero de La Paz Baja California Sur, México. <i>Terra Latinoamericana</i> , <b>2018</b> , 36, 39	1.6	4
26	Aquaponics using saline groundwater: Effect of adding microelements to fish wastewater on the growth of Swiss chard ( <i>Beta vulgaris</i> L. spp. <i>cicla</i> ). <i>Agricultural Water Management</i> , <b>2020</b> , 227, 105851	5.9	4
25	Effect of <i>Pseudomonas putida</i> and inorganic fertilizer on growth and productivity of habanero pepper ( <i>Capsicum Chinense</i> Jacq.) in greenhouse. <i>Journal of Plant Nutrition</i> , <b>2017</b> , 40, 2595-2601	2.3	3
24	First Report of <i>Botrytis cinerea</i> Pers. on <i>Salicornia bigelovii</i> Torr. in North-West México. <i>Journal of Phytopathology</i> , <b>2014</b> , 162, 513-515	1.8	3
23	Biocontrol of Phytopathogens under Aquaponics Systems. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 2061	3	3
22	First Report of <i>Peronospora belbahrii</i> on Sweet Basil in Baja California Sur, México. <i>Journal of Phytopathology</i> , <b>2016</b> , 164, 122-124	1.8	3
21	Evaluation of Glycosyl-Hydrolases, Phosphatases, Esterases and Proteases as Potential Biomarker for NaCl-Stress Tolerance in L. Varieties. <i>Molecules</i> , <b>2019</b> , 24,	4.8	2
20	Nutrients Use Efficiency in Legume Crops to Climatic Changes <b>2010</b> , 193-206		2

19	IDENTIFICATION AND CHARACTERIZATION OF <i>Fusarium</i> spp. FROM MUSKMELON IN NORTHWEST MEXICO. <i>Biocencia</i> , <b>2018</b> , 20, 71-75	1.5	2
18	Valoraci3n hidro-ambiental y evaluaci3n de coeficientes de agostadero mediante indicadores termo-pluviom3tricos. <i>Revista Mexicana De Ciencias Pecuarias</i> , <b>2014</b> , 5, 143	1.8	2
17	Mitigaci3n de NaCl por efecto de un bioestimulante en la germinaci3n de <i>Ocimum basilicum</i> L.. <i>Terra Latinoamericana</i> , <b>2017</b> , 35, 309	1.6	2
16	Contenido inorg3nico de nitr3geno, f3sforo y potasio de abonos de origen natural para su uso en agricultura org3nica. <i>Terra Latinoamericana</i> , <b>2019</b> , 37, 371-378	1.6	2
15	Bacterias promotoras de crecimiento de plantas auto ctonas y su efecto en <i>Prosopis chilensis</i> (Molina) Stunz. <i>Revista Mexicana De Ciencias Agrícolas</i> , <b>2014</b> , 5, 1041-1053	1.2	2
14	Evaluation of Minerals of Shrub Plant Forages Consumed by Goats in the Arid Southern Rangeland of the Peninsula of Baja California, Mexico. <i>Animal Nutrition and Feed Technology</i> , <b>2014</b> , 14, 511	1.5	2
13	Morpho-physiological Characteristics of Basil ( <i>Ocimum basilicum</i> L.) under NaCl-stress and <i>Rhizophagus fasciculatum</i> as NaCl-stress Mitigator. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , <b>2019</b> , 47, 1285-1292	1.2	2
12	Ecology and Adaptation of Legumes Crops <b>2010</b> , 23-33		2
11	Uso de un bionutriente como atenuante del estr3s salino (NaCl) durante la emergencia y crecimiento inicial de <i>Ocimum basilicum</i> L.. <i>Nova Scientia</i> , <b>2015</b> , 7, 265	2	2
10	Biodiversity of AM Fungi in Coffee Cultivated on Eroded Soil. <i>Agronomy</i> , <b>2021</b> , 11, 567	3.6	2
9	Effects of Vermicompost Leachate versus Inorganic Fertilizer on Morphology and Microbial Traits in the Early Development Growth Stage in Mint ( <i>Mentha spicata</i> L.) And Rosemary ( <i>Rosmarinus officinalis</i> L.) Plants under Closed Hydroponic System. <i>Horticulturae</i> , <b>2021</b> , 7, 100	2.5	2
8	Germination of <i>Salicornia bigelovii</i> (Torr.) under Shrimp Culture Effluents and the Application of Vermicompost Leachate for Mitigating Salt Stress. <i>Agronomy</i> , <b>2021</b> , 11, 424	3.6	2
7	Milk fatty acid composition from goats in a semiintensive production system in an arid region of the peninsula of Baja California, Mexico. <i>Turkish Journal of Veterinary and Animal Sciences</i> , <b>2014</b> , 38, 312-317	0.6	1
6	Perfil de 3cidos grasos en leche de vacas Chinampas ( <i>Bos taurus</i> ) alimentadas con forraje fresco de matorral sarcocauléscente o heno de alfalfa. <i>Archivos De Medicina Veterinaria</i> , <b>2013</b> , 45, 45-51		1
5	Hydro-Environmental Criteria for Introducing an Edible Halophyte from a Rainy Region to an Arid Zone: A Study Case of spp. as a New Crop in NW M3xico. <i>Plants</i> , <b>2021</b> , 10,	4.5	1
4	Enhancement of Biocontrol Agents Activity by Compatible Treatments Against Postharvest Disease of Fruits <b>2022</b> , 245-264		1
3	HALOBACTERIAS PROMOTORAS DE CRECIMIENTO VEGETAL ASOCIADAS A <i>Lippia palmeri</i> (VERBENACEAE) EN LA ZONA 3rida DEL NOROESTE DE M3XICO. <i>Acta Biologica Colombiana</i> , <b>2021</b> , 26, 439-448	0.5	
2	Potential Transference of CP4 EPSPS to Weed Species from Genetically Modified <i>Gossypium hirsutum</i> in Northern Mexico. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , <b>2018</b> , 47, 294-299	1.2	

- 1 Interruption of Seed Dormancy and In Vitro Germination of the Halophile Emerging Crop *Suaeda edulis* (Chenopodiaceae). *Agronomy*, **2022**, 12, 103 3.6