

# Alejandra Navarro Garcia

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

852  
citations

516710

16  
h-index

501196

28  
g-index

31  
all docs

31  
docs citations

31  
times ranked

986  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of sodium chloride on water potential components, hydraulic conductivity, gas exchange and leaf ultrastructure of <i>Arbutus unedo</i> plants. <i>Plant Science</i> , 2007, 172, 473-480.	3.6	91
2	Changes in leaf water relations, gas exchange, growth and flowering quality in potted geranium plants irrigated with different water regimes. <i>Journal of Plant Physiology</i> , 2009, 166, 467-476.	3.5	77
3	Regulated deficit irrigation in potted <i>Dianthus</i> plants: Effects of severe and moderate water stress on growth and physiological responses. <i>Scientia Horticulturae</i> , 2009, 122, 579-585.	3.6	71
4	Transpiration, photosynthetic responses, tissue water relations and dry mass partitioning in <i>Callistemon</i> plants during drought conditions. <i>Scientia Horticulturae</i> , 2011, 129, 306-312.	3.6	68
5	Effects of irrigation and air humidity preconditioning on water relations, growth and survival of <i>Rosmarinus officinalis</i> plants during and after transplanting. <i>Journal of Plant Physiology</i> , 2004, 161, 1133-1142.	3.5	66
6	Effects of nursery preconditioning through mycorrhizal inoculation and drought in <i>Arbutus unedo</i> L. plants. <i>Mycorrhiza</i> , 2011, 21, 53-64.	2.8	60
7	Environmental and stomatal control of transpiration, canopy conductance and decoupling coefficient in young lemon trees under shading net. <i>Environmental and Experimental Botany</i> , 2008, 63, 200-206.	4.2	56
8	Ornamental characters, ion accumulation and water status in <i>Arbutus unedo</i> seedlings irrigated with saline water and subsequent relief and transplanting. <i>Environmental and Experimental Botany</i> , 2008, 62, 364-370.	4.2	42
9	Improving water-use efficiency of young lemon trees by shading with aluminised-plastic nets. <i>Agricultural Water Management</i> , 2006, 82, 387-398.	5.6	39
10	Influence of paclobutrazol on water consumption and plant performance of <i>Arbutus unedo</i> seedlings. <i>Scientia Horticulturae</i> , 2007, 111, 133-139.	3.6	37
11	Potted mycorrhizal carnation plants and saline stress: Growth, quality and nutritional plant responses. <i>Scientia Horticulturae</i> , 2012, 140, 131-139.	3.6	35
12	Changes in tissue-water relations, photosynthetic activity, and growth of <i>Myrtus communis</i> plants in response to different conditions of water availability. <i>Journal of Horticultural Science and Biotechnology</i> , 2009, 84, 541-547.	1.9	29
13	The influence of mycorrhizal inoculation and paclobutrazol on water and nutritional status of <i>Arbutus unedo</i> L. <i>Environmental and Experimental Botany</i> , 2009, 66, 362-371.	4.2	28
14	Physiological behaviour of loquat and anger rootstocks in relation to salinity and calcium addition. <i>Journal of Plant Physiology</i> , 2008, 165, 1049-1060.	3.5	22
15	Physiological adaptations of five poplar genotypes grown under SRC in the semi-arid Mediterranean environment. <i>Trees - Structure and Function</i> , 2014, 28, 983-994.	1.9	21
16	Genotypic variation in transpiration of coppiced poplar during the third rotation of a short-rotation bioenergy culture. <i>GCB Bioenergy</i> , 2018, 10, 592-607.	5.6	18
17	Energy of biomass sorghum irrigated with reclaimed wastewaters. <i>European Journal of Agronomy</i> , 2016, 76, 176-185.	4.1	16
18	Feasibility of SRC Species for Growing in Mediterranean Conditions. <i>Bioenergy Research</i> , 2016, 9, 208-223.	3.9	12

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19	Sorting biotic and abiotic stresses on wild rocket by leaf-image hyperspectral data mining with an artificial intelligence model. <i>Plant Methods</i> , 2022, 18, 45.	4.3	10
20	Productivity of energy sorghum irrigated with reclaimed wastewaters. <i>Italian Journal of Agronomy</i> , 2014, 9, 115.	1.0	9
21	Large scale phenotyping and molecular analysis in a germplasm collection of rocket salad ( <i>Eruca</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 1.2 8		
22	Influence of paclobutrazol and substrate on daily evapotranspiration of potted geranium. <i>Scientia Horticulturae</i> , 2009, 122, 572-578.	3.6	7
23	Comparison of Stem Diameter Variations in Three Small Ornamental Shrubs under Water Stress. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2010, 45, 1681-1689.	1.0	6
24	Modelling for water supply of irrigated cropping systems on climate change. <i>Italian Journal of Agronomy</i> , 2012, 7, 14.	1.0	5
25	Using paclobutrazol to delay the growth of <i>Botrytis cinerea</i> isolated from <i>Chamaelucium uncinatum</i> . <i>Australasian Plant Pathology</i> , 2007, 36, 39.	1.0	4
26	Identifying the best plant water status indicator for bioenergy poplar genotypes. <i>GCB Bioenergy</i> , 2020, 12, 426-444.	5.6	4
27	Bioenergy productivity of sugar beet irrigated with reclaimed wastewaters. <i>Italian Journal of Agronomy</i> , 2015, 10, 155.	1.0	2
28	Evapotranspiration simulated by CRITERIA and AquaCrop models in stony soils. <i>Italian Journal of Agronomy</i> , 2015, 10, 67.	1.0	1