

Sara Alvarez

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

1,110
citations

22
h-index

33
g-index

38
ext. papers

1,327
ext. citations

3.4
avg, IF

4.83
L-index

#	Paper	IF	Citations
35	Assessment of soil salinity indexes using electrical conductivity sensors. <i>Scientia Horticulturae</i> , 2021 , 285, 110171	4.1	5
34	Physiological responses of almond trees under regulated deficit irrigation using saline and desalinated reclaimed water. <i>Agricultural Water Management</i> , 2021 , 258, 107172	5.9	2
33	Sentinel-2 Satellite Imagery for Agronomic and Quality Variability Assessment of Pistachio (<i>Pistacia vera</i> L.). <i>Sustainability</i> , 2020 , 12, 8437	3.6	0
32	Influence of mycorrhizal or microbial complex inoculation on laurustinus plants irrigated with reclaimed water. <i>Journal of Horticultural Science and Biotechnology</i> , 2020 , 95, 661-672	1.9	3
31	Rootstock Effects on Water Relations of Young Almond Trees (cv. Soleta) When Subjected to Water Stress and Rehydration. <i>Water (Switzerland)</i> , 2020 , 12, 3319	3	7
30	Effectiveness of Cover Crops to Reduce Loss of Soil Organic Matter in a Rainfed Vineyard. <i>Land</i> , 2020 , 9, 230	3.5	38
29	Deficit irrigation as a strategy to control growth in ornamental plants and enhance their ability to adapt to drought conditions. <i>Journal of Horticultural Science and Biotechnology</i> , 2019 , 94, 137-150	1.9	20
28	The use of reclaimed water is a viable and safe strategy for the irrigation of myrtle plants in a scenario of climate change. <i>Water Science and Technology: Water Supply</i> , 2019 , 19, 1741-1747	1.4	1
27	Application of deficit irrigation in <i>Phillyrea angustifolia</i> for landscaping purposes. <i>Agricultural Water Management</i> , 2019 , 218, 193-202	5.9	9
26	Stability and patterns of topsoil water content in rainfed vineyards, olive groves, and cereal fields under different soil and tillage conditions. <i>Agricultural Water Management</i> , 2018 , 201, 167-176	5.9	22
25	Long term responses and adaptive strategies of <i>Pistacia lentiscus</i> under moderate and severe deficit irrigation and salinity: Osmotic and elastic adjustment, growth, ion uptake and photosynthetic activity. <i>Agricultural Water Management</i> , 2018 , 202, 253-262	5.9	38
24	Influence of DEM resolution on modelling hydrological connectivity in a complex agricultural catchment with woody crops. <i>Earth Surface Processes and Landforms</i> , 2018 , 43, 1403-1415	3.7	51
23	Soil and Water Conservation in Rainfed Vineyards with Common Sainfoin and Spontaneous Vegetation under Different Ground Conditions. <i>Water (Switzerland)</i> , 2018 , 10, 1058	3	30
22	The long-term resistance mechanisms, critical irrigation threshold and relief capacity shown by <i>Eugenia myrtifolia</i> plants in response to saline reclaimed water. <i>Plant Physiology and Biochemistry</i> , 2017 , 111, 244-256	5.4	35
21	Changes in growth, physiological parameters and the hormonal status of <i>Myrtus communis</i> L. plants irrigated with water with different chemical compositions. <i>Journal of Plant Physiology</i> , 2016 , 191, 12-21	3.6	19
20	NaCl-induced physiological and biochemical adaptative mechanisms in the ornamental <i>Myrtus communis</i> L. plants. <i>Journal of Plant Physiology</i> , 2015 , 183, 41-51	3.6	69
19	Comparison of individual and combined effects of salinity and deficit irrigation on physiological, nutritional and ornamental aspects of tolerance in <i>Callistemon laevis</i> plants. <i>Journal of Plant Physiology</i> , 2015 , 185, 65-74	3.6	38

18	Physiological and biochemical mechanisms of the ornamental <i>Eugenia myrtifolia</i> L. plants for coping with NaCl stress and recovery. <i>Planta</i> , 2015 , 242, 829-46	4.7	82
17	Salts and nutrients present in regenerated waters induce changes in water relations, antioxidative metabolism, ion accumulation and restricted ion uptake in <i>Myrtus communis</i> L. plants. <i>Plant Physiology and Biochemistry</i> , 2014 , 85, 41-50	5.4	33
16	Long-term effect of salinity on plant quality, water relations, photosynthetic parameters and ion distribution in <i>Callistemon citrinus</i> . <i>Plant Biology</i> , 2014 , 16, 757-64	3.7	55
15	Root System Response to Drought and Salinity: Root Distribution and Water Transport. <i>Soil Biology</i> , 2014 , 325-352	1	18
14	Irrigation of <i>Myrtus communis</i> plants with reclaimed water: morphological and physiological responses to different levels of salinity. <i>Journal of Horticultural Science and Biotechnology</i> , 2014 , 89, 487-494	1.9	17
13	Physiological mechanisms involved in the recovery of <i>euonymus</i> and <i>laurustinus</i> subjected to saline waters. <i>Agricultural Water Management</i> , 2013 , 128, 131-139	5.9	26
12	Water relations, nutrient content and developmental responses of <i>Euonymus</i> plants irrigated with water of different degrees of salinity and quality. <i>Journal of Plant Research</i> , 2013 , 126, 567-76	2.6	36
11	Regulated deficit irrigation in different phenological stages of potted geranium plants: water consumption, water relations and ornamental quality. <i>Acta Physiologiae Plantarum</i> , 2013 , 35, 1257-1267	2.6	23
10	Changes in growth rate, root morphology and water use efficiency of potted <i>Callistemon citrinus</i> plants in response to different levels of water deficit. <i>Scientia Horticulturae</i> , 2013 , 156, 54-62	4.1	42
9	Osmotic and saline effect on growth, water relations, and ion uptake and translocation in <i>Phlomis purpurea</i> plants. <i>Environmental and Experimental Botany</i> , 2012 , 78, 138-145	5.9	65
8	PHOTOSYNTHETIC RESPONSE, BIOMASS DISTRIBUTION AND WATER STATUS CHANGES IN RHAMNUS ALATERNUS PLANTS DURING DROUGHT. <i>Acta Horticulturae</i> , 2012 , 853-860	0.3	5
7	GROWTH, WATER RELATIONS AND ION ACCUMULATION IN PHLOMIS PURPUREA PLANTS UNDER WATER DEFICIT AND SALINITY. <i>Acta Horticulturae</i> , 2012 , 719-725	0.3	2
6	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	4.1	57
5	Salicylic acid negatively affects the response to salt stress in pea plants. <i>Plant Biology</i> , 2011 , 13, 909-17	3.7	54
4	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	4.1	52
3	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, 467-76	3.6	60
2	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	24
1	Root dynamics of peach trees submitted to partial rootzone drying and continuous deficit irrigation. <i>Agricultural Water Management</i> , 2008 , 95, 959-967	5.9	70

