

Sara Álvarez

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,524
citations

257101

24
h-index

329751

37
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38
all docs

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docs citations

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times ranked

1395
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainability by Function (SbF): A Case Study in a Rainfed Vineyard to Reduce the Loss of Soil Nutrients. <i>Land</i> , 2022, 11, 1033.	1.2	2
2	Assessment of soil salinity indexes using electrical conductivity sensors. <i>Scientia Horticulturae</i> , 2021, 285, 110171.	1.7	21
3	Physiological responses of almond trees under regulated deficit irrigation using saline and desalinated reclaimed water. <i>Agricultural Water Management</i> , 2021, 258, 107172.	2.4	9
4	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.	1.2	15
5	Effectiveness of Cover Crops to Reduce Loss of Soil Organic Matter in a Rainfed Vineyard. <i>Land</i> , 2020, 9, 230.	1.2	66
6	Sentinel-2 Satellite Imagery for Agronomic and Quality Variability Assessment of Pistachio (<i>Pistacia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	10
7	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.	0.9	3
8	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.	0.9	32
9	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.	1.0	2
10	Application of deficit irrigation in <i>Phillyrea angustifolia</i> for landscaping purposes. <i>Agricultural Water Management</i> , 2019, 218, 193-202.	2.4	16
11	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.	2.4	29
12	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.	2.4	63
13	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.	1.2	67
14	Soil and Water Conservation in Rainfed Vineyards with Common Sainfoin and Spontaneous Vegetation under Different Ground Conditions. <i>Water (Switzerland)</i> , 2018, 10, 1058.	1.2	39
15	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.	2.8	45
16	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.	1.6	25
17	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, 829-846.	1.6	120
18	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.	1.6	101

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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.	1.6	60
20	EFFECT OF DIFFERENT QUALITY IRRIGATION WATER ON THE GROWTH, MINERAL CONCENTRATION AND PHYSIOLOGICAL PARAMETERS OF <i>VIBURNUM TINUS</i> PLANTS. <i>Acta Horticulturae</i> , 2015, , 479-486.	0.1	2
21	Root System Response to Drought and Salinity: Root Distribution and Water Transport. <i>Soil Biology</i> , 2014, , 325-352.	0.6	29
22	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.	0.9	21
23	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.	2.8	37
24	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, 757-764.	1.8	74
25	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.	2.4	26
26	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, 567-576.	1.2	40
27	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.	1.0	36
28	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.	1.7	52
29	GROWTH, WATER RELATIONS AND ION ACCUMULATION IN <i>PHLOMIS PURPUREA</i> PLANTS UNDER WATER DEFICIT AND SALINITY. <i>Acta Horticulturae</i> , 2012, , 719-725.	0.1	2
30	PHOTOSYNTHETIC RESPONSE, BIOMASS DISTRIBUTION AND WATER STATUS CHANGES IN <i>RHAMNUS ALATERNUS</i> PLANTS DURING DROUGHT. <i>Acta Horticulturae</i> , 2012, , 853-860.	0.1	6
31	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.	2.0	79
32	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.	1.7	68
33	Salicylic acid negatively affects the response to salt stress in pea plants. <i>Plant Biology</i> , 2011, 13, 909-917.	1.8	68
34	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.	1.7	71
35	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.	1.6	77
36	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.	0.9	29

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37	Root dynamics of peach trees submitted to partial rootzone drying and continuous deficit irrigation. Agricultural Water Management, 2008, 95, 959-967.	2.4	87