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List of Publications by Year
in descending order

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37 papers	1,524 citations	257101 24 h-index	329751 37 g-index
38 all docs	38 docs citations	38 times ranked	1395 citing authors

#	Article	IF	Citations
1	Physiological and biochemical mechanisms of the ornamental Eugenia myrtifolia L. plants for coping with NaCl stress and recovery. Planta, 2015, 242, 829-846.	1.6	120
2	NaCl-induced physiological and biochemical adaptative mechanisms in the ornamental Myrtus communis L. plants. Journal of Plant Physiology, 2015, 183, 41-51.	1.6	101
3	Root dynamics of peach trees submitted to partial rootzone drying and continuous deficit irrigation. Agricultural Water Management, 2008, 95, 959-967.	2.4	87
4	Osmotic and saline effect on growth, water relations, and ion uptake and translocation in Phlomis purpurea plants. Environmental and Experimental Botany, 2012, 78, 138-145.	2.0	79
5	Changes in leaf water relations, gas exchange, growth and flowering quality in potted geranium plants irrigated with different water regimes. Journal of Plant Physiology, 2009, 166, 467-476.	1.6	77
6	Longâ€term effect of salinity on plant quality, water relations, photosynthetic parameters and ion distribution in Callistemon citrinus. Plant Biology, 2014, 16, 757-764.	1.8	74
7	Regulated deficit irrigation in potted Dianthus plants: Effects of severe and moderate water stress on growth and physiological responses. Scientia Horticulturae, 2009, 122, 579-585.	1.7	71
8	Transpiration, photosynthetic responses, tissue water relations and dry mass partitioning in Callistemon plants during drought conditions. Scientia Horticulturae, 2011, 129, 306-312.	1.7	68
9	Salicylic acid negatively affects the response to salt stress in pea plants. Plant Biology, 2011, 13, 909-917.	1.8	68
10	Influence of DEM resolution on modelling hydrological connectivity in a complex agricultural catchment with woody crops. Earth Surface Processes and Landforms, 2018, 43, 1403-1415.	1.2	67
11	Effectiveness of Cover Crops to Reduce Loss of Soil Organic Matter in a Rainfed Vineyard. Land, 2020, 9, 230.	1.2	66
12	Long term responses and adaptive strategies of Pistacia lentiscus under moderate and severe deficit irrigation and salinity: Osmotic and elastic adjustment, growth, ion uptake and photosynthetic activity. Agricultural Water Management, 2018, 202, 253-262.	2.4	63
13	Comparison of individual and combined effects of salinity and deficit irrigation on physiological, nutritional and ornamental aspects of tolerance in Callistemon laevis plants. Journal of Plant Physiology, 2015, 185, 65-74.	1.6	60
14	Changes in growth rate, root morphology and water use efficiency of potted Callistemon citrinus plants in response to different levels of water deficit. Scientia Horticulturae, 2013, 156, 54-62.	1.7	52
15	The long-term resistance mechanisms, critical irrigation threshold and relief capacity shown by Eugenia myrtifolia plants in response to saline reclaimed water. Plant Physiology and Biochemistry, 2017, 111, 244-256.	2.8	45
16	Water relations, nutrient content and developmental responses of Euonymus plants irrigated with water of different degrees of salinity and quality. Journal of Plant Research, 2013, 126, 567-576.	1.2	40
17	Soil and Water Conservation in Rainfed Vineyards with Common Sainfoin and Spontaneous Vegetation under Different Ground Conditions. Water (Switzerland), 2018, 10, 1058.	1.2	39
18	Salts and nutrients present in regenerated waters induce changes in water relations, antioxidative metabolism, ion accumulation and restricted ion uptake in Myrtus communis L. plants. Plant Physiology and Biochemistry, 2014, 85, 41-50.	2.8	37

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19	Regulated deficit irrigation in different phenological stages of potted geranium plants: water consumption, water relations and ornamental quality. Acta Physiologiae Plantarum, 2013, 35, 1257-1267.	1.0	36
20	Deficit irrigation as a strategy to control growth in ornamental plants and enhance their ability to adapt to drought conditions. Journal of Horticultural Science and Biotechnology, 2019, 94, 137-150.	0.9	32
21	Changes in tissue-water relations, photosynthetic activity, and growth ofMyrtus communisplants in response to different conditions of water availability. Journal of Horticultural Science and Biotechnology, 2009, 84, 541-547.	0.9	29
22	Root System Response to Drought and Salinity: Root Distribution and Water Transport. Soil Biology, 2014, , 325-352.	0.6	29
23	Stability and patterns of topsoil water content in rainfed vineyards, olive groves, and cereal fields under different soil and tillage conditions. Agricultural Water Management, 2018, 201, 167-176.	2.4	29
24	Physiological mechanisms involved in the recovery of euonymus and laurustinus subjected to saline waters. Agricultural Water Management, 2013, 128, 131-139.	2.4	26
25	Changes in growth, physiological parameters and the hormonal status of Myrtus communis L. plants irrigated with water with different chemical compositions. Journal of Plant Physiology, 2016, 191, 12-21.	1.6	25
26	Irrigation ofMyrtus communisplants with reclaimed water: morphological and physiological responses to different levels of salinity. Journal of Horticultural Science and Biotechnology, 2014, 89, 487-494.	0.9	21
27	Assessment of soil salinity indexes using electrical conductivity sensors. Scientia Horticulturae, 2021, 285, 110171.	1.7	21
28	Application of deficit irrigation in Phillyrea angustifolia for landscaping purposes. Agricultural Water Management, 2019, 218, 193-202.	2.4	16
29	Rootstock Effects on Water Relations of Young Almond Trees (cv. Soleta) When Subjected to Water Stress and Rehydration. Water (Switzerland), 2020, 12, 3319.	1.2	15
30	Physiological responses of almond trees under regulated deficit irrigation using saline and desalinated reclaimed water. Agricultural Water Management, 2021, 258, 107172.	2.4	9
31	PHOTOSYNTHETIC RESPONSE, BIOMASS DISTRIBUTION AND WATER STATUS CHANGES IN RHAMNUS ALATERNUS PLANTS DURING DROUGHT. Acta Horticulturae, 2012, , 853-860.	0.1	6
32	Sentinel-2 Satellite Imagery for Agronomic and Quality Variability Assessment of Pistachio (Pistacia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	5
33	Influence of mycorrhizal or microbial complex inoculation on laurustinus plants irrigated with reclaimed water. Journal of Horticultural Science and Biotechnology, 2020, 95, 661-672.	0.9	3
34	GROWTH, WATER RELATIONS AND ION ACCUMULATION IN PHLOMIS PURPUREA PLANTS UNDER WATER DEFICIT AND SALINITY. Acta Horticulturae, 2012, , 719-725.	0.1	2
35	The use of reclaimed water is a viable and safe strategy for the irrigation of myrtle plants in a scenario of climate change. Water Science and Technology: Water Supply, 2019, 19, 1741-1747.	1.0	2
36	EFFECT OF DIFFERENT QUALITY IRRIGATION WATER ON THE GROWTH, MINERAL CONCENTRATION AND PHYSIOLOGICAL PARAMETERS OF VIBURNUM TINUS PLANTS. Acta Horticulturae, 2015, , 479-486.	0.1	2

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37	Sustainability by Function (SbF): A Case Study in a Rainfed Vineyard to Reduce the Loss of Soil Nutrients. Land, 2022, 11, 1033.	1.2	2