

Josep M Villar Mir

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

364
citations

687363

13
h-index

839539

18
g-index

31
all docs

31
docs citations

31
times ranked

534
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of methods for estimating vapor pressure deficits and relative humidity. <i>Agricultural and Forest Meteorology</i> , 1996, 82, 29-45.	4.8	46
2	Nitrogen fertilization of barley under semi-arid rainfed conditions. <i>European Journal of Agronomy</i> , 1995, 4, 309-316.	4.1	33
3	Effect of N dose, fertilisation duration and application of a nitrification inhibitor on GHG emissions from a peach orchard. <i>Science of the Total Environment</i> , 2020, 699, 134042.	8.0	26
4	Stable carbon and nitrogen isotope ratios as indicators of water status and nitrogen effects on peach trees. <i>Scientia Horticulturae</i> , 2013, 157, 99-107.	3.6	22
5	Productive and vegetative response to different irrigation and fertilization strategies of an Arbequina olive orchard grown under super-intensive conditions. <i>Agricultural Water Management</i> , 2014, 144, 33-41.	5.6	22
6	Water use efficiency in peach trees over a four-years experiment on the effects of irrigation and nitrogen application. <i>Agricultural Water Management</i> , 2016, 164, 253-266.	5.6	20
7	Use of nitrification inhibitor DMPP to improve nitrogen recovery in irrigated wheat on a calcareous soil. <i>Spanish Journal of Agricultural Research</i> , 2010, 8, 1218.	0.6	19
8	Use of rice husk to enhance peach tree performance in soils with limiting physical properties. <i>Soil and Tillage Research</i> , 2013, 129, 19-22.	5.6	17
9	Wet soil volume and strategy effects on drip-irrigated olive trees (cv. "Arbequina"). <i>Irrigation Science</i> , 2013, 31, 479-489.	2.8	17
10	Disaggregation of SMOS Soil Moisture to 100 m Resolution Using MODIS Optical/Thermal and Sentinel-1 Radar Data: Evaluation over a Bare Soil Site in Morocco. <i>Remote Sensing</i> , 2017, 9, 1155.	4.0	17
11	Use of organic mulch to enhance water-use efficiency and peach production under limiting soil conditions in a three-year-old orchard. <i>Spanish Journal of Agricultural Research</i> , 2015, 13, e0904.	0.6	16
12	Interaction between water and nitrogen management in peaches for processing. <i>Irrigation Science</i> , 2011, 29, 321-329.	2.8	14
13	Influence of nitrogen fertilization on polyphenol oxidase activity in peach fruits. <i>Scientia Horticulturae</i> , 2012, 142, 155-157.	3.6	14
14	An Image-based Method to Study the Fruit Tree Canopy and the Pruning Biomass Production in a Peach Orchard. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2015, 50, 1809-1817.	1.0	12
15	Effect of N dose on soil GHG emissions from a drip-fertigated olive (<i>Olea europaea</i> L.) orchard. <i>Science of the Total Environment</i> , 2019, 677, 350-361.	8.0	10
16	High-Resolution SMAP-Derived Root-Zone Soil Moisture Using an Exponential Filter Model Calibrated per Land Cover Type. <i>Remote Sensing</i> , 2021, 13, 1112.	4.0	9
17	Response of wheat to additional nitrogen fertilizer application after pig slurry on over-fertilized soils. <i>Agronomy for Sustainable Development</i> , 2006, 26, 127-133.	5.3	7
18	Ammonia volatilisation from pig slurry and ANS with DMPP applied to Westerwold ryegrass (<i>Lolium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 2020, 724, 137918.	8.0	6

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19	Relationship between polyphenol oxidase activity and nutrition, maturity and quality parameters in flat peach. <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 3384-3389.	3.5	5
20	Mechanical Harvesting and Irrigation Strategy Responses on "Arbequina"™ Olive Oil Quality. <i>HortTechnology</i> , 2018, 28, 607-614.	0.9	5
21	Canopy management in rainfed vineyards (cv. Tempranillo) for optimising water use and enhancing wine quality. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 3067-3076.	3.5	4
22	Nitrogen nutrition diagnosis for olive trees grown in super-intensive cropping systems. <i>Journal of Plant Nutrition</i> , 2019, 42, 1803-1817.	1.9	4
23	Temporal Calibration of an Evaporation-Based Spatial Disaggregation Method of SMOS Soil Moisture Data. <i>Remote Sensing</i> , 2020, 12, 1671.	4.0	4
24	El impacto del riego en la calidad del agua de drenaje en una nueva zona regable. <i>Ingeniería Del Agua</i> , 2015, 19, 241.	0.4	4
25	Combined simulation and optimization framework for irrigation scheduling in agriculture fields. <i>Irrigation Science</i> , 0, , 1.	2.8	3
26	Influence of fresh and processed fruit quality attributes on peach pure consistency index. <i>LWT - Food Science and Technology</i> , 2012, 45, 123-131.	5.2	2
27	Influence of irrigation and fertilization on the sterol and triterpene dialcohol compositions of virgin olive oil. <i>Grasas Y Aceites</i> , 2020, 71, 376.	0.9	2
28	Using the nitrification inhibitor DMPP to enhance uptake efficiency in a fertigated peach orchard plantation. <i>Acta Horticulturae</i> , 2018, , 201-206.	0.2	1
29	Soil porosity changes in orchards with subsurface irrigation: quantification and interpretation. <i>Boletín De La Sociedad Geológica Mexicana</i> , 2019, 71, 1-10.	0.3	1