Luis Leopoldo Silva

List of Publications by Year
in descending order

20	397	933447 10	794594 19
papers	citations	h-index	g-index

20	20	20	582
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Short-term effects of four tillage practices on soil physical properties, soil water potential, and maize yield. Geoderma, 2015, 237-238, 60-70.	5.1	141
2	The effect of spray head sprinklers with different deflector plates on irrigation uniformity, runoff and sediment yield in a Mediterranean soil. Agricultural Water Management, 2006, 85, 243-252.	5.6	43
3	Calibration and validation of SALTMED model under dry and wet year conditions using chickpea field data from Southern Portugal. Irrigation Science, 2013, 31, 651-659.	2.8	38
4	Evaluation of the relationship between maize yield spatial and temporal variability and different topographic attributes. Biosystems Engineering, 2008, 101, 183-190.	4.3	28
5	Fitting infiltration equations to centre-pivot irrigation data in a Mediterranean soil. Agricultural Water Management, 2007, 94, 83-92.	5.6	22
6	Adaptive strategies of two Mediterranean grapevines varieties (Aragonez syn. Tempranillo and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 Plant Physiology, 2016, 28, 205-220.	2.4	19
7	Are basin and reservoir tillage effective techniques to reduce runoff under sprinkler irrigation in Mediterranean conditions?. Agricultural Water Management, 2017, 191, 50-56.	5.6	18
8	Relationship between Distance to Flow Accumulation Lines and Spatial Variability of Irrigated Maize Grain Yield and Moisture Content at Harvest. Biosystems Engineering, 2006, 94, 525-533.	4.3	17
9	Evaluation of Maize Yield Spatial Variability based on Field Flow Density. Biosystems Engineering, 2006, 95, 339-347.	4.3	13
10	Yield and water productivity of five chickpea varieties under supplemental irrigation in contrasting years. Irrigation Science, 2014, 32, 393-403.	2.8	13
11	Improved energy efficiency in wineries using data from audits. Ciencia E Tecnica Vitivinicola, 2017, 32, 62-71.	0.9	10
12	Improving Irrigation Performance in Hose-drawn Traveller Sprinkler Systems. Biosystems Engineering, 2007, 96, 121-127.	4.3	9
13	Which are the best practices for MSc programmes in sustainable agriculture?. Journal of Cleaner Production, 2021, 303, 126914.	9.3	9
14	Assessment of energy consumption in organic tomato greenhouse production â€“ a case study. Acta Horticulturae, 2017, , 453-460.	0.2	5
15	Comparative analysis of main on-farm irrigation systems in Portugal. Agricultural Water Management, 1999, 40, 341-351.	5.6	4
16	The yield pattern considering the distance to flow accumulation lines. European Journal of Agronomy, 2008, 28, 551-558.	4.1	4
17	Differential vineyard fertilizer management based on nutrient,s spatio-temporal variability. Journal of Soil Science and Plant Nutrition, 2017, , 0-0.	3.4	2
18	Less or More Intensive Crop Arable Systems of Alentejo Region of Portugal: what is the sustainable option?. Revista De Economia E Sociologia Rural, 2015, 53, 81-90.	0.4	1

#	Article	IF	Citations
19	Energy consumption and greenhouse gas emissions of zucchini (Cucurbita pepo L.) cultivated in hydroponic greenhouses in the western region of Portugal. Acta Horticulturae, 2018, , 181-188.	0.2	1
20	Sustainable farming best practices for MSc programmes. , 2019, , .		0