

Omar GarcÃ-a-Tejera

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1305685/publications.pdf>

Version: 2024-02-01

17
papers

358
citations

759233

12
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

472
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling canopy conductance and transpiration of fruit trees in Mediterranean areas: A simplified approach. <i>Agricultural and Forest Meteorology</i> , 2013, 171-172, 93-103.	4.8	66
2	Global transpiration data from sap flow measurements: the SAPFLUXNET database. <i>Earth System Science Data</i> , 2021, 13, 2607-2649.	9.9	65
3	A soil-plant-atmosphere continuum (SPAC) model for simulating tree transpiration with a soil multi-compartment solution. <i>Plant and Soil</i> , 2017, 412, 215-233.	3.7	31
4	Using sap flow measurements to estimate net assimilation in olive trees under different irrigation regimes. <i>Irrigation Science</i> , 2015, 33, 357-366.	2.8	25
5	OliveCan: A Process-Based Model of Development, Growth and Yield of Olive Orchards. <i>Frontiers in Plant Science</i> , 2018, 9, 632.	3.6	25
6	The pitfalls of water potential for irrigation scheduling. <i>Agricultural Water Management</i> , 2021, 243, 106522.	5.6	23
7	Studying and modelling winter dormancy in olive trees. <i>Agricultural and Forest Meteorology</i> , 2020, 280, 107776.	4.8	19
8	Effect of soil temperature on root resistance: implications for different trees under Mediterranean conditions. <i>Tree Physiology</i> , 2016, 36, 469-478.	3.1	18
9	Drought resistance in oat involves ABA-mediated modulation of transpiration and root hydraulic conductivity. <i>Environmental and Experimental Botany</i> , 2021, 182, 104333.	4.2	18
10	Analysing the combined effect of wetted area and irrigation volume on olive tree transpiration using a SPAC model with a multi-compartment soil solution. <i>Irrigation Science</i> , 2017, 35, 409-423.	2.8	16
11	Low winter temperatures induce a disturbance of water relations in field olive trees. <i>Trees - Structure and Function</i> , 2015, 29, 1247-1257.	1.9	15
12	Almond tree response to a change in wetted soil volume under drip irrigation. <i>Agricultural Water Management</i> , 2018, 202, 57-65.	5.6	12
13	Stomatal oscillations in olive trees: analysis and methodological implications. <i>Tree Physiology</i> , 2018, 38, 531-542.	3.1	10
14	Are olive root systems optimal for deficit irrigation?. <i>European Journal of Agronomy</i> , 2018, 99, 72-79.	4.1	7
15	Evaluating different metrics from the thermal-based two-source energy balance model for monitoring grapevine water stress. <i>Irrigation Science</i> , 0, , .	2.8	4
16	Water stress during the post-harvest period affects new root formation but not starch concentration and content in Chardonnay grapevine (<i>Vitis vinifera</i> L.) perennial organs. <i>Scientia Horticulturae</i> , 2019, 249, 461-470.	3.6	3
17	LEAF: a process-based model of berry ripening in vineyards. , 2019, , .		0