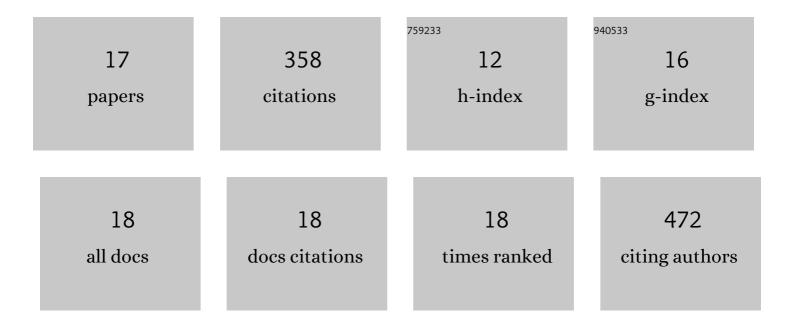
## Omar GarcÃ-a-Tejera

List of Publications by Year in descending order

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ΟΜΛΡ ΟΛΡΟΑ-ΤΕΙΕΡΛ

#	Article	IF	CITATIONS
1	Modelling canopy conductance and transpiration of fruit trees in Mediterranean areas: A simplified approach. Agricultural and Forest Meteorology, 2013, 171-172, 93-103.	4.8	66
2	Clobal transpiration data from sap flow measurements: the SAPFLUXNET database. Earth System Science Data, 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. Plant and Soil, 2017, 412, 215-233.	3.7	31
4	Using sap flow measurements to estimate net assimilation in olive trees under different irrigation regimes. Irrigation Science, 2015, 33, 357-366.	2.8	25
5	OliveCan: A Process-Based Model of Development, Growth and Yield of Olive Orchards. Frontiers in Plant Science, 2018, 9, 632.	3.6	25
6	The pitfalls of water potential for irrigation scheduling. Agricultural Water Management, 2021, 243, 106522.	5.6	23
7	Studying and modelling winter dormancy in olive trees. Agricultural and Forest Meteorology, 2020, 280, 107776.	4.8	19
8	Effect of soil temperature on root resistance: implications for different trees under Mediterranean conditions. Tree Physiology, 2016, 36, 469-478.	3.1	18
9	Drought resistance in oat involves ABA-mediated modulation of transpiration and root hydraulic conductivity. Environmental and Experimental Botany, 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. Irrigation Science, 2017, 35, 409-423.	2.8	16
11	Low winter temperatures induce a disturbance of water relations in field olive trees. Trees - Structure and Function, 2015, 29, 1247-1257.	1.9	15
12	Almond tree response to a change in wetted soil volume under drip irrigation. Agricultural Water Management, 2018, 202, 57-65.	5.6	12
13	Stomatal oscillations in olive trees: analysis and methodological implications. Tree Physiology, 2018, 38, 531-542.	3.1	10
14	Are olive root systems optimal for deficit irrigation?. European Journal of Agronomy, 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. Irrigation Science, 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 (Vitis vinifera L.) perennial organs. Scientia Horticulturae, 2019, 249, 461-470.	3.6	3
17	LEAF: a process-based model of berry ripening in vineyards. , 2019, , .		Ο