

# Marcos Carrasco-Benavides

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4071826/publications.pdf>

Version: 2024-02-01

22  
papers

264  
citations

1040056

9  
h-index

940533

16  
g-index

22  
all docs

22  
docs citations

22  
times ranked

391  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of the vineyard water footprint by using ancillary data and EEFlux satellite images. Examples in the Chilean central zone. <i>Science of the Total Environment</i> , 2022, 811, 152452.	8.0	9
2	How Does Irrigation Affect Crop Growth? A Mathematical Modeling Approach. <i>Mathematics</i> , 2022, 10, 151.	2.2	4
3	Reclamation of Treated Wastewater for Irrigation in Chile: Perspectives of the Current State and Challenges. <i>Water (Switzerland)</i> , 2022, 14, 627.	2.7	4
4	Burned Area Classification Based on Extreme Learning Machine and Sentinel-2 Images. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 9.	2.5	5
5	Effects of different irrigation levels on plant water status, yield, fruit quality, and water productivity in a drip-irrigated blueberry orchard under Mediterranean conditions. <i>Agricultural Water Management</i> , 2021, 249, 106805.	5.6	16
6	Mathematical modeling of fruit trees' growth under scarce watering. <i>Journal of Physics: Conference Series</i> , 2021, 2046, 012017.	0.4	2
7	Performance Assessment of Thermal Infrared Cameras of Different Resolutions to Estimate Tree Water Status from Two Cherry Cultivars: An Alternative to Midday Stem Water Potential and Stomatal Conductance. <i>Sensors</i> , 2020, 20, 3596.	3.8	16
8	Effects of regulated post-harvest irrigation strategies on yield, fruit quality and water productivity in a drip-irrigated cherry orchard. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2020, 48, 97-116.	1.3	17
9	Canopy architecture assessment of cherry trees by cover photography based on variable light extinction coefficient modelled using artificial neural networks. <i>Acta Horticulturae</i> , 2019, , 183-188.	0.2	2
10	Seasonal Root, Shoot, and Fruit Growth Patterns in Kiwifruit ( <i>Actinidia deliciosa</i> a. Chev.) in Central Chile. <i>Erwerbs-Obstbau</i> , 2019, 61, 283-292.	1.3	2
11	Studying phenological stages of cherry ( <i>Prunus avium</i> L.) using field observations and satellite-derived vegetation indexes. <i>Idesia</i> , 2018, 36, 65-71.	0.3	1
12	Improved Albedo Estimates Implemented in the METRIC Model for Modeling Energy Balance Fluxes and Evapotranspiration over Agricultural and Natural Areas in the Brazilian Cerrado. <i>Remote Sensing</i> , 2018, 10, 1181.	4.0	18
13	ADOPTION OF IRRIGATION SCHEDULING: ROLE OF EXTENSION AND TRAINING IN CENTRAL CHILE. <i>Environmental Engineering and Management Journal</i> , 2018, 17, 2873-2880.	0.6	1
14	Estimation of water requirements for a drip-irrigated apple orchard using Landsat 7 satellite images. <i>Acta Horticulturae</i> , 2017, , 181-188.	0.2	0
15	Calibration and validation of an aerodynamic method to estimate the spatial variability of sensible and latent heat fluxes over a drip-irrigated Merlot vineyard. <i>International Journal of Remote Sensing</i> , 2017, 38, 7473-7496.	2.9	3
16	Monthly calibration of Hargreaves' Samani equation using remote sensing and topoclimatology in central-southern Chile. <i>International Journal of Remote Sensing</i> , 2017, 38, 7497-7513.	2.9	16
17	Remote sensing model to evaluate the spatial variability of vineyard water requirements. <i>Acta Horticulturae</i> , 2017, , 235-242.	0.2	1
18	An Analysis of Seed Colour During Ripening of Cabernet Sauvignon Grapes. <i>South African Journal of Enology and Viticulture</i> , 2017, 38, .	0.4	4

#	ARTICLE	IF	CITATIONS
19	Assessment of an automated digital method to estimate leaf area index (<i>LAI</i>) in cherry trees. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2016, 44, 247-261.	1.3	16
20	Automated computation of leaf area index from fruit trees using improved image processing algorithms applied to canopy cover digital photographs. <i>Computers and Electronics in Agriculture</i> , 2016, 123, 195-202.	7.7	43
21	Parameterization of the Satellite-Based Model (METRIC) for the Estimation of Instantaneous Surface Energy Balance Components over a Drip-Irrigated Vineyard. <i>Remote Sensing</i> , 2014, 6, 11342-11371.	4.0	42
22	Crop coefficients and actual evapotranspiration of a drip-irrigated Merlot vineyard using multispectral satellite images. <i>Irrigation Science</i> , 2012, 30, 485-497.	2.8	42