

Simona Consoli

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7707996/simona-consoli-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

1,099
citations

20
h-index

32
g-index

53
ext. papers

1,290
ext. citations

3.9
avg, IF

4.57
L-index

#	Paper	IF	Citations
50	Treated municipal wastewater reuse in vegetable production. <i>Agricultural Water Management</i> , 2012 , 104, 163-170	5.9	113
49	Effects of reclaimed wastewater irrigation on soil and tomato fruits: A case study in Sicily (Italy). <i>Agricultural Water Management</i> , 2007 , 93, 65-72	5.9	99
48	Modelling pollutant removal in a pilot-scale two-stage subsurface flow constructed wetlands. <i>Ecological Engineering</i> , 2009 , 35, 281-289	3.9	70
47	Monitoring and modelling of soil-plant interactions: the joint use of ERT, sap flow and eddy covariance data to characterize the volume of an orange tree root zone. <i>Hydrology and Earth System Sciences</i> , 2015 , 19, 2213-2225	5.5	58
46	A time domain triangle method approach to estimate actual evapotranspiration: Application in a Mediterranean region using MODIS and MSG-SEVIRI products. <i>Remote Sensing of Environment</i> , 2016 , 174, 10-23	13.2	45
45	Long-Term Climatic Variability in Calabria and Effects on Drought and Agrometeorological Parameters. <i>Water Resources Management</i> , 2013 , 27, 601-617	3.7	44
44	Sustainable management of limited water resources in a young orange orchard. <i>Agricultural Water Management</i> , 2014 , 132, 60-68	5.9	42
43	Wastewater tertiary treatment options to match reuse standards in agriculture. <i>Agricultural Water Management</i> , 2018 , 210, 232-242	5.9	41
42	Mapping crop evapotranspiration by integrating vegetation indices into a soil water balance model. <i>Agricultural Water Management</i> , 2014 , 143, 71-81	5.9	32
41	Remote sensing to estimate ET-fluxes and the performance of an irrigation district in southern Italy. <i>Agricultural Water Management</i> , 2006 , 81, 295-314	5.9	31
40	Sensible heat flux estimates using two different methods based on surface renewal analysis. A study case over an orange orchard in Sicily. <i>Agricultural and Forest Meteorology</i> , 2012 , 152, 58-64	5.8	29
39	Long-term storage of reclaimed water: the case studies in Sicily (Italy). <i>Desalination</i> , 2008 , 218, 62-73	10.3	28
38	A one-layer satellite surface energy balance for estimating evapotranspiration rates and crop water stress indexes. <i>Sensors</i> , 2009 , 9, 1-21	3.8	27
37	Corrected surface energy balance to measure and model the evapotranspiration of irrigated orange orchards in semi-arid Mediterranean conditions. <i>Irrigation Science</i> , 2013 , 31, 1159-1171	3.1	26
36	Operating Rules of an Irrigation Purposes Reservoir Using Multi-Objective Optimization. <i>Water Resources Management</i> , 2008 , 22, 551-564	3.7	26
35	Determination of Evapotranspiration and Annual Biomass Productivity of a Cactus Pear [<i>Opuntia ficus-indica</i> L. (Mill.)] Orchard in a Semiarid Environment. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2013 , 139, 680-690	1.1	25
34	Analysis of treated wastewater reuse potential for irrigation in Sicily. <i>Water Science and Technology</i> , 2012 , 65, 2024-33	2.2	25

33	Estimation of Evapotranspiration of Different-Sized Navel-Orange Tree Orchards Using Energy Balance. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2006 , 132, 2-8	1.1	25
32	Risk assessment of treated municipal wastewater reuse in Sicily. <i>Water Science and Technology</i> , 2013 , 67, 89-98	2.2	24
31	Comparisons of satellite-based models for estimating evapotranspiration fluxes. <i>Journal of Hydrology</i> , 2014 , 513, 475-489	6	21
30	Discovering Reservoir Operating Rules by a Rough Set Approach. <i>Water Resources Management</i> , 2006 , 20, 19-36	3.7	20
29	Assessing the extent of citrus trees root apparatus under deficit irrigation via multi-method geo-electrical imaging. <i>Scientific Reports</i> , 2019 , 9, 9913	4.9	19
28	Artificial Neural Networks for Predicting the Water Retention Curve of Sicilian Agricultural Soils. <i>Water (Switzerland)</i> , 2018 , 10, 1431	3	19
27	Measurement of Light Interception by Navel Orange Orchard Canopies: Case Study of Lindsay, California. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2006 , 132, 9-20	1.1	18
26	Combining Electrical Resistivity Tomography and Satellite Images for Improving Evapotranspiration Estimates of Citrus Orchards. <i>Remote Sensing</i> , 2019 , 11, 373	5	17
25	Integrated Agro-Economic Approach to Deficit Irrigation on Lettuce Crops in Sicily (Italy). <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2008 , 134, 437-445	1.1	17
24	How to Overcome Barriers for Wastewater Agricultural Reuse in Sicily (Italy)?. <i>Water (Switzerland)</i> , 2019 , 11, 335	3	15
23	Testing the water balance model criteria using TDR measurements, micrometeorological data and satellite-based information. <i>Agricultural Water Management</i> , 2016 , 170, 68-80	5.9	15
22	Estimating Water Requirements of an Irrigated Mediterranean Vineyard Using a Satellite-Based Approach. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2012 , 138, 896-904	1.1	14
21	Assessing environmental impacts of constructed wetland effluents for vegetable crop irrigation. <i>International Journal of Phytoremediation</i> , 2016 , 18, 626-33	3.9	13
20	Evaluation of Sediment Deposition in a Mediterranean Reservoir: Comparison of Long Term Bathymetric Measurements and SWAT Estimations. <i>Land Degradation and Development</i> , 2017 , 28, 566-578	4.4	12
19	Treatment of Winery Wastewater with a Multistage Constructed Wetland System for Irrigation Reuse. <i>Water (Switzerland)</i> , 2020 , 12, 1260	3	12
18	Evapotranspiration from Horizontal Subsurface Flow Constructed Wetlands Planted with Different Perennial Plant Species. <i>Water (Switzerland)</i> , 2019 , 11, 2159	3	12
17	Response of Orange Trees to Deficit Irrigation Strategies: Effects on Plant Nutrition, Yield, and Fruit Quality. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2015 , 141, 04015014	1.1	10
16	Comparison of Orange Orchard Evapotranspiration by Eddy Covariance, Sap Flow, and FAO-56 Methods under Different Irrigation Strategies. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2020 , 146, 05020002	1.1	10

15	WATER MANAGEMENT STRATEGIES UNDER DEFICIT IRRIGATION. <i>Journal of Agricultural Engineering</i> , 2008 , 39, 27	1.3	10
14	Adaptation of citrus orchards to deficit irrigation strategies. <i>Agricultural Water Management</i> , 2021 , 247, 106734	5.9	8
13	Physiological and Biochemical Responses of Orange Trees to Different Deficit Irrigation Regimes. <i>Plants</i> , 2019 , 8,	4.5	7
12	Modelling Escherichia coli concentration in a wastewater reservoir using an operational parameter MRT%FE and first order kinetics. <i>Journal of Environmental Management</i> , 2009 , 90, 604-14	7.9	5
11	Remote sensing of crop water requirements in orange orchards using high-spatial-resolution sensors 2004 ,		3
10	Electrical resistivity imaging for monitoring soil water motion patterns under different drip irrigation scenarios. <i>Irrigation Science</i> , 2021 , 39, 145-157	3.1	3
9	Suitability of the MODIS-NDVI Time-Series for a Posteriori Evaluation of the Citrus Tristeza Virus Epidemic. <i>Remote Sensing</i> , 2020 , 12, 1965	5	2
8	Recent Micrometeorological Studies of Sensible Heat Flux in the Plant-atmosphere System. <i>Procedia Environmental Sciences</i> , 2013 , 19, 256-261		2
7	Monitoring crop coefficient of orange orchards using energy balance and the remote sensed NDVI 2006 ,		2
6	DEFICIT IRRIGATION STRATEGIES: PRELIMINARY ASSESSMENT ON A SICILIAN YOUNG ORANGE ORCHARD. <i>Acta Horticulturae</i> , 2015 , 1713-1718	0.3	1
5	SURFACE ENERGY BALANCE OVER ORANGE ORCHARD USING SURFACE RENEWAL ANALYSIS. <i>Journal of Agricultural Engineering</i> , 2009 , 40, 39	1.3	1
4	On the Performance of a Novel Hybrid Constructed Wetland for Stormwater Treatment and Irrigation Reuse in Mediterranean Climate. <i>Lecture Notes in Civil Engineering</i> , 2020 , 151-159	0.3	1
3	Modelling nonlinear dynamics of Crassulacean acid metabolism productivity and water use for global predictions. <i>Plant, Cell and Environment</i> , 2021 , 44, 34-48	8.4	0
2	Assessing the use of ERA5-Land reanalysis and spatial interpolation methods for retrieving precipitation estimates at basin scale. <i>Atmospheric Research</i> , 2022 , 271, 106131	5.4	0
1	Technology-enhanced Learning for Promoting Technical and Social Competences in Hydrological Science. <i>Technology, Knowledge and Learning</i> , 1	2.9	