

# Mario Palladino

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8791348/publications.pdf>

Version: 2024-02-01

15  
papers

475  
citations

840776

11  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

692  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of soil water retention using soil physical data and terrain attributes. <i>Journal of Hydrology</i> , 2002, 265, 56-75.	5.4	117
2	Parameterization of a bucket model for soil-vegetation-atmosphere modeling under seasonal climatic regimes. <i>Hydrology and Earth System Sciences</i> , 2011, 15, 3877-3893.	4.9	66
3	The response of sugar beet to drip and low-pressure sprinkler irrigation in southern Italy. <i>Agricultural Water Management</i> , 2003, 60, 135-155.	5.6	54
4	Conceptualization of Water Flow Pathways in Agricultural Terraced Landscapes. <i>Land Degradation and Development</i> , 2018, 29, 651-662.	3.9	43
5	Assessing long-term impact of land-use change on hydrological ecosystem functions in a Mediterranean upland agro-forestry catchment. <i>Science of the Total Environment</i> , 2017, 605-606, 1070-1082.	8.0	36
6	Mars Regolith Simulant Ameliorated by Compost as in situ Cultivation Substrate Improves Lettuce Growth and Nutritional Aspects. <i>Plants</i> , 2020, 9, 628.	3.5	26
7	Combined application of photo-selective mulching films and beneficial microbes affects crop yield and irrigation water productivity in intensive farming systems. <i>Agricultural Water Management</i> , 2017, 184, 104-113.	5.6	22
8	The Potential for Lunar and Martian Regolith Simulants to Sustain Plant Growth: A Multidisciplinary Overview. <i>Frontiers in Astronomy and Space Sciences</i> , 2022, 8, .	2.8	22
9	Geo-mineralogical characterisation of Mars simulant MMS-1 and appraisal of substrate physico-chemical properties and crop performance obtained with variable green compost amendment rates. <i>Science of the Total Environment</i> , 2020, 720, 137543.	8.0	21
10	Evaluating pedotransfer functions for predicting soil bulk density using hierarchical mapping information in Campania, Italy. <i>Geoderma Regional</i> , 2020, 21, e00267.	2.1	19
11	Assessing the ability of hybrid poplar for in-situ phytoextraction of cadmium by using UAV-photogrammetry and 3D flow simulator. <i>International Journal of Remote Sensing</i> , 2018, 39, 5175-5194.	2.9	16
12	Design of a Module for Cultivation of Tuberous Plants in Microgravity: The ESA Project "Precursor of Food Production Unit" (PFPU). <i>Frontiers in Plant Science</i> , 2020, 11, 417.	3.6	10
13	Evaluation of near-surface soil water status through the inversion of soil-canopy radiative transfer models in the reflective optical domain. <i>International Journal of Remote Sensing</i> , 2012, 33, 5473-5491.	2.9	7
14	"Cape Fear" A Hybrid Hillslope Plot for Monitoring Hydrological Processes. <i>Hydrology</i> , 2017, 4, 35.	3.0	7
15	How effective is information on soil-landscape units for determining spatio-temporal variability of near-surface soil moisture?. <i>Journal of Agricultural Engineering</i> , 2018, 49, 174-182.	1.5	7