Stefano Della Chiesa

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5598865/publications.pdf

Version: 2024-02-01

19	525	840776 11	1199594 12
papers	citations	h-index	g-index

24	24	24	988
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global maps of soil temperature. Global Change Biology, 2022, 28, 3110-3144.	9.5	113
2	Estimation of soil moisture patterns in mountain grasslands by means of SAR RADARSAT2 images andhydrological modeling. Journal of Hydrology, 2014, 516, 245-257.	5.4	68
3	Topographical and ecohydrological controls on land surface temperature in an alpine catchment. Ecohydrology, 2010, 3, 189-204.	2.4	56
4	Stability analysis for defining management strategies in abandoned mountain landscapes of the Mediterranean basin. Landscape and Urban Planning, 2011, 103, 335-346.	7.5	51
5	Estimation of Soil Moisture in Mountain Areas Using SVR Technique Applied to Multiscale Active Radar Images at C-Band. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 262-283.	4.9	51
6	Polarimetric RADARSAT-2 imagery for soil moisture retrieval in alpine areas. Canadian Journal of Remote Sensing, 2011, 37, 535-547.	2.4	42
7	Modelling changes in grassland hydrological cycling along an elevational gradient in the Alps. Ecohydrology, 2014, 7, 1453-1473.	2.4	41
8	Soil moisture monitoring in mountain areas by using highâ€resolution <scp>SAR</scp> images: results from a feasibility study. European Journal of Soil Science, 2014, 65, 852-864.	3.9	23
9	Farmers as data sources: Cooperative framework for mapping soil properties for permanent crops in South Tyrol (Northern Italy). Geoderma, 2019, 342, 93-105.	5.1	20
10	Down to future: Transplanted mountain meadows react with increasing phytomass or shifting species composition. Flora: Morphology, Distribution, Functional Ecology of Plants, 2016, 224, 172-182.	1.2	13
11	A simple method to combine snow height and meteorological observations to estimate winter precipitation at sub-daily resolution. Hydrological Sciences Journal, 2016, 61, 2050-2060.	2.6	12
12	Phytoavailable phosphorus (P₂O₅) and potassium (K₂O) in topsoil for apple orchards and vineyards, South Tyrol, Italy. Journal of Maps, 2019, 15, 555-562.	2.0	7
13	Multi-source and multi-scale soil moisture dynamic modelling in mountain meadows. , 2013, , .		2
14	Estimation of surface soil moisture in alpine areas based on medium spatial resolution SAR time-series and upscaled in-situ measurements. , 2014, , .		2
15	Meteo Browser South Tyrol: A Shiny App to download the meteorological time series from the Open Data Catalogue of the Province of Bolzano/Bozen - Italy. Research Ideas and Outcomes, 0, 5, .	1.0	2
16	How far can be SAR considered a tool for mountain hydrology?. Proceedings of SPIE, 2013, , .	0.8	0
17	Soil moisture estimation using synergy of optical, SAR, and topographic data with Gaussian Process Regression. Proceedings of SPIE, 2014, , .	0.8	0
18	AlpConv Atlas: The Geospatial Content Management System of the Alpine Convention. Research Ideas and Outcomes, 0, 7, .	1.0	0

#	Article	IF	Citations
19	SWCalibrateR: Interactive, Web â€“ Based Calibration of Soil Moisture Sensors. Journal of Open Research Software, 2019, 7, .	5.9	0