Cosimo Brogi

List of Publications by Year
in descending order

13	239	1163117 8	1199594 12
papers	citations	h-index	g-index

25	25	25	323
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CLM5-FruitTree: a new sub-model for deciduous fruit trees in the Community Land Model (CLM5). Geoscientific Model Development, 2022, 15, 5167-5193.	3.6	4
2	Performance of the ATMOS41 All-in-One Weather Station for Weather Monitoring. Sensors, 2021, 21, 741.	3.8	16
3	The SARSense Campaign: Air- and Space-Borne C- and L-Band SAR for the Analysis of Soil and Plant Parameters in Agriculture. Remote Sensing, 2021, 13, 825.	4.0	14
4	Added value of geophysics-based soil mapping in agro-ecosystem simulations. Soil, 2021, 7, 125-143.	4.9	6
5	Monitoring of Snowpack Dynamics With Cosmic-Ray Neutron Probes: A Comparison of Four Conversion Methods. Frontiers in Water, 2020, 2, .	2.3	19
6	Error Estimation for Soil Moisture Measurements With Cosmic Ray Neutron Sensing and Implications for Rover Surveys. Frontiers in Water, 2020, 2, .	2.3	33
7	Simulation of spatial variability in crop leaf area index and yield using agroecosystem modeling and geophysicsâ€based quantitative soil information. Vadose Zone Journal, 2020, 19, e20009.	2.2	29
8	A comprehensive dataset of vegetation states, fluxes of matter and energy, weather, agricultural management, and soil properties from intensively monitored crop sites in western Germany. Earth System Science Data, 2020, 12, 2333-2364.	9.9	2
9	Sarsense: A C- and L-Band SAR Rehearsal Campaign in Germany in Preparation for ROSE-L. , 2020, , .		1
10	Large-scale soil mapping using multi-configuration EMI and supervised image classification. Geoderma, 2019, 335, 133-148.	5.1	60
11	Calibration, inversion, and applications of multiconfiguration electromagnetic induction for agricultural top- and subsoil characterization. , 2018, , .		1
12	Understanding Soil and Plant Interaction by Combining Groundâ€Based Quantitative Electromagnetic Induction and Airborne Hyperspectral Data. Geophysical Research Letters, 2018, 45, 7571-7579.	4.0	29
13	How Can Childbirth Care for the Rural Poor Be Improved? A Contribution from Spatial Modelling in Rural Tanzania. PLoS ONE, 2015, 10, e0139460.	2.5	24