# Cosimo Brogi

List of Publications by Year
in descending order

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|---|---|---|---|
| 13 papers | 239 citations | 1163117 8 h-index | 1199594 12 g-index |
| 25 all docs | 25 docs citations | 25 times ranked | 323 citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 1 | Large-scale soil mapping using multi-configuration EMI and supervised image classification. Geoderma, 2019, 335, 133-148. | 5.1 | 60 |
| 2 | Error Estimation for Soil Moisture Measurements With Cosmic Ray Neutron Sensing and Implications for Rover Surveys. Frontiers in Water, 2020, 2, . | 2.3 | 33 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Monitoring of Snowpack Dynamics With Cosmic-Ray Neutron Probes: A Comparison of Four Conversion Methods. Frontiers in Water, 2020, 2, . | 2.3 | 19 |
| 7 | Performance of the ATMOS41 All-in-One Weather Station for Weather Monitoring. Sensors, 2021, 21, 741. | 3.8 | 16 |
| 8 | 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 |
| 9 | Added value of geophysics-based soil mapping in agro-ecosystem simulations. Soil, 2021, 7, 125-143. | 4.9 | 6 |
| 10 | 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 |
| 11 | 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 |
| 12 | Calibration, inversion, and applications of multiconfiguration electromagnetic induction for agricultural top- and subsoil characterization. , 2018, , . | | 1 |
| 13 | Sarsense: A C- and L-Band SAR Rehearsal Campaign in Germany in Preparation for ROSE-L. , 2020, , . | | 1 |