

# Jannis Jakobi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4164912/publications.pdf>

Version: 2024-02-01

12  
papers

324  
citations

1040056

9  
h-index

1281871

11  
g-index

22  
all docs

22  
docs citations

22  
times ranked

301  
citing authors

#	ARTICLE	IF	CITATIONS
1	The TERENOâ€™Rur Hydrological Observatory: A Multiscale Multiâ€™Compartment Research Platform for the Advancement of Hydrological Science. <i>Vadose Zone Journal</i> , 2018, 17, 1-22.	2.2	81
2	Cosmic Ray Neutron Sensing for Simultaneous Soil Water Content and Biomass Quantification in Drought Conditions. <i>Water Resources Research</i> , 2018, 54, 7383-7402.	4.2	54
3	A dense network of cosmic-ray neutron sensors for soil moisture observation in a highly instrumented pre-Alpine headwater catchment in Germany. <i>Earth System Science Data</i> , 2020, 12, 2289-2309.	9.9	44
4	Error Estimation for Soil Moisture Measurements With Cosmic Ray Neutron Sensing and Implications for Rover Surveys. <i>Frontiers in Water</i> , 2020, 2, .	2.3	33
5	COSMOS-Europe: a European network of cosmic-ray neutron soil moisture sensors. <i>Earth System Science Data</i> , 2022, 14, 1125-1151.	9.9	33
6	Monitoring of Snowpack Dynamics With Cosmic-Ray Neutron Probes: A Comparison of Four Conversion Methods. <i>Frontiers in Water</i> , 2020, 2, .	2.3	19
7	A profile shape correction to reduce the vertical sensitivity of cosmicâ€™ray neutron sensing of soil moisture. <i>Vadose Zone Journal</i> , 2020, 19, e20083.	2.2	18
8	The Sarsense Campaign: Air- and Space-Borne C- and L-Band SAR for the Analysis of Soil and Plant Parameters in Agriculture. <i>Remote Sensing</i> , 2021, 13, 825.	4.0	14
9	The Footprint Characteristics of Cosmic Ray Thermal Neutrons. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094281.	4.0	14
10	Soil moisture observation in a forested headwater catchment: combining a dense cosmic-ray neutron sensor network with roving and hydrogravimetry at the TERENO site WA1/4stebach. <i>Earth System Science Data</i> , 2022, 14, 2501-2519.	9.9	9
11	Comment on Dong and Ochsner (2018): â€™Soil Texture Often Exerts Stronger Influence Than Precipitation on Mesoscale Soil Moisture Patternsâ€™. <i>Water Resources Research</i> , 2021, 57, e2020WR027790.	4.2	1
12	Sarsense: A C- and L-Band SAR Rehearsal Campaign in Germany in Preparation for ROSE-L. , 2020, , .		1