

Noemi Vergopolan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5888134/publications.pdf>

Version: 2024-02-01

16
papers

4,076
citations

686830

13
h-index

887659

17
g-index

37
all docs

37
docs citations

37
times ranked

5937
citing authors

#	ARTICLE	IF	CITATIONS
1	Present and future Köppen-Geiger climate classification maps at 1-km resolution. <i>Scientific Data</i> , 2018, 5, 180214.	2.4	3,005
2	Global-scale evaluation of 22 precipitation datasets using gauge observations and hydrological modeling. <i>Hydrology and Earth System Sciences</i> , 2017, 21, 6201-6217.	1.9	541
3	Evaluation of 18 satellite- and model-based soil moisture products using in situ measurements from 826 sensors. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 17-40.	1.9	156
4	Combining hyper-resolution land surface modeling with SMAP brightness temperatures to obtain 30-m soil moisture estimates. <i>Remote Sensing of Environment</i> , 2020, 242, 111740.	4.6	59
5	A global near-real-time soil moisture index monitor for food security using integrated SMOS and SMAP. <i>Remote Sensing of Environment</i> , 2020, 246, 111864.	4.6	35
6	The impact of deforestation on the hydrological cycle in Amazonia as observed from remote sensing. <i>International Journal of Remote Sensing</i> , 2016, 37, 5412-5430.	1.3	33
7	Cognitive Biases about Climate Variability in Smallholder Farming Systems in Zambia. <i>Weather, Climate, and Society</i> , 2019, 11, 369-383.	0.5	29
8	Forecasting the Hydroclimatic Signature of the 2015/16 El Niño Event on the Western United States. <i>Journal of Hydrometeorology</i> , 2017, 18, 177-186.	0.7	26
9	Global-Scale Evaluation of 22 Precipitation Datasets Using Gauge Observations and Hydrological Modeling. <i>Advances in Global Change Research</i> , 2020, , 625-653.	1.6	24
10	SMAP-HydroBlocks, a 30-m satellite-based soil moisture dataset for the conterminous US. <i>Scientific Data</i> , 2021, 8, 264.	2.4	24
11	Field-scale soil moisture bridges the spatial-scale gap between drought monitoring and agricultural yields. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 1827-1847.	1.9	23
12	Comparing empirical and survey-based yield forecasts in a dryland agro-ecosystem. <i>Agricultural and Forest Meteorology</i> , 2018, 262, 147-156.	1.9	17
13	PPDIST, global 0.1° daily and 3-hourly precipitation probability distribution climatologies for 1979–2018. <i>Scientific Data</i> , 2020, 7, 302.	2.4	12
14	HydroBlocks v0.2: enabling a field-scale two-way coupling between the land surface and river networks in Earth system models. <i>Geoscientific Model Development</i> , 2021, 14, 6813-6832.	1.3	11
15	Drought Diagnosis: What the Medical Sciences Can Teach Us. <i>Earth's Future</i> , 2022, 10, .	2.4	9
16	HPC simulations of brownout: A noninteracting particles dynamic model. <i>International Journal of High Performance Computing Applications</i> , 2020, 34, 267-281.	2.4	1