

Robin Van Der Schalie

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

2,818
citations

759233

12
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

3497
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards Consistent Soil Moisture Records from China's FengYun-3 Microwave Observations. Remote Sensing, 2022, 14, 1225.	4.0	3
2	VODCA2GPP – a new, global, long-term (1988–2020) gross primary production dataset from microwave remote sensing. Earth System Science Data, 2022, 14, 1063-1085.	9.9	24
3	Characterizing natural variability in complex hydrological systems using passive microwave-based climate data records: a case study for the Okavango Delta. Hydrology and Earth System Sciences, 2022, 26, 3611-3627.	4.9	1
4	L-Band Soil Moisture Retrievals Using Microwave Based Temperature and Filtering. Towards Model-Independent Climate Data Records. Remote Sensing, 2021, 13, 2480.	4.0	6
5	Towards the Removal of Model Bias from ESA CCI SM by Using an L-Band Scaling Reference. , 2021, , .		1
6	Reconciling Flagging Strategies for Multi-Sensor Satellite Soil Moisture Climate Data Records. Remote Sensing, 2020, 12, 3439.	4.0	6
7	The global long-term microwave Vegetation Optical Depth Climate Archive (VODCA). Earth System Science Data, 2020, 12, 177-196.	9.9	129
8	Uncertainty in soil moisture retrievals: An ensemble approach using SMOS L-band microwave data. Remote Sensing of Environment, 2019, 229, 133-147.	11.0	13
9	A carbon sink-driven approach to estimate gross primary production from microwave satellite observations. Remote Sensing of Environment, 2019, 229, 100-113.	11.0	36
10	Novel Long-Term Global Indicators of Plant Productivity from Microwave Satellites. , 2019, , .		0
11	Evolution of the ESA CCI Soil Moisture climate data records and their underlying merging methodology. Earth System Science Data, 2019, 11, 717-739.	9.9	331
12	Assessing the relationship between microwave vegetation optical depth and gross primary production. International Journal of Applied Earth Observation and Geoinformation, 2018, 65, 79-91.	2.8	50
13	Statistical Merging of Active and Passive Microwave Observations Into Long-Term Soil Moisture Climate Data Records. , 2018, , .		1
14	The Effect of Three Different Data Fusion Approaches on the Quality of Soil Moisture Retrievals from Multiple Passive Microwave Sensors. Remote Sensing, 2018, 10, 107.	4.0	21
15	ESA CCI Soil Moisture for improved Earth system understanding: State-of-the art and future directions. Remote Sensing of Environment, 2017, 203, 185-215.	11.0	781
16	The Evaluation of Single-Sensor Surface Soil Moisture Anomalies over the Mainland of the People's Republic of China. Remote Sensing, 2017, 9, 149.	4.0	14
17	GLEAMv3: satellite-based land evaporation and root-zone soil moisture. Geoscientific Model Development, 2017, 10, 1903-1925.	3.6	1,352
18	Long Term Global Surface Soil Moisture Fields Using an SMOS-Trained Neural Network Applied to AMSR-E Data. Remote Sensing, 2016, 8, 959.	4.0	32

#	ARTICLE	IF	CITATIONS
19	A Quasi-Global Approach to Improve Day-Time Satellite Surface Soil Moisture Anomalies through the Land Surface Temperature Input. <i>Climate</i> , 2016, 4, 50.	2.8	17