Robin Van Der Schalie

List of Publications by Year
in descending order

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	GLEAMÂv3: satellite-based land evaporation and root-zone soil moisture. Geoscientific Model Development, 2017, 10, 1903-1925.	3.6	1,352
2	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
3	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
4	The global long-term microwave Vegetation Optical Depth Climate Archive (VODCA). Earth System Science Data, 2020, 12, 177-196.	9.9	129
5	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
6	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
7	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
8	VODCA2GPP â€" a new, global, long-term (1988â€"2020) gross primary production dataset from microwave remote sensing. Earth System Science Data, 2022, 14, 1063-1085.	9.9	24
9	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
10	A Quasi-Global Approach to Improve Day-Time Satellite Surface Soil Moisture Anomalies through the Land Surface Temperature Input. Climate, 2016, 4, 50.	2.8	17
11	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
12	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
13	Reconciling Flagging Strategies for Multi-Sensor Satellite Soil Moisture Climate Data Records. Remote Sensing, 2020, 12, 3439.	4.0	6
14	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
15	Towards Consistent Soil Moisture Records from China's FengYun-3 Microwave Observations. Remote Sensing, 2022, 14, 1225.	4.0	3
16	Statistical Merging of Active and Passive Microwave Observations Into Long-Term Soil Moisture Climate Data Records. , 2018, , .		1
17	Towards the Removal of Model Bias from ESA CCI SM by Using an L-Band Scaling Reference. , 2021, , .		1
18	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

#	Article	IF	Citations
19	Novel Long-Term Global Indicators of Plant Productivity from Microwave Satellites. , 2019, , .		0