

# Marc Thibeault

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

1,469  
citations

840776

11  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1428  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of the SMAP Passive Soil Moisture Product. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 4994-5007.	6.3	460
2	Development and assessment of the SMAP enhanced passive soil moisture product. Remote Sensing of Environment, 2018, 204, 931-941.	11.0	297
3	Assessment of the SMAP Level-4 Surface and Root-Zone Soil Moisture Product Using In Situ Measurements. Journal of Hydrometeorology, 2017, 18, 2621-2645.	1.9	196
4	The SMAP and Copernicus Sentinel 1A/B microwave active-passive high resolution surface soil moisture product. Remote Sensing of Environment, 2019, 233, 111380.	11.0	175
5	Surface Soil Moisture Retrieval Using the L-Band Synthetic Aperture Radar Onboard the Soil Moisture Activeâ€“Passive Satellite and Evaluation at Core Validation Sites. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 1897-1914.	6.3	64
6	Improved SMAP Dual-Channel Algorithm for the Retrieval of Soil Moisture. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 3894-3905.	6.3	62
7	Validation of Soil Moisture Data Products From the NASA SMAP Mission. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 364-392.	4.9	62
8	The SMAP mission combined active-passive soil moisture product at 9â€“km and 3â€“km spatial resolutions. Remote Sensing of Environment, 2018, 211, 204-217.	11.0	59
9	GCOM-W AMSR2 Soil Moisture Product Validation Using Core Validation Sites. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 209-219.	4.9	44
10	Estimating time-dependent vegetation biases in the SMAP soil moisture product. Hydrology and Earth System Sciences, 2018, 22, 4473-4489.	4.9	33
11	Regularized Dual-Channel Algorithm for the Retrieval of Soil Moisture and Vegetation Optical Depth From SMAP Measurements. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 102-114.	4.9	13
12	External Calibration Results of the SAOCOM-1A Commissioning Phase. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-8.	6.3	4