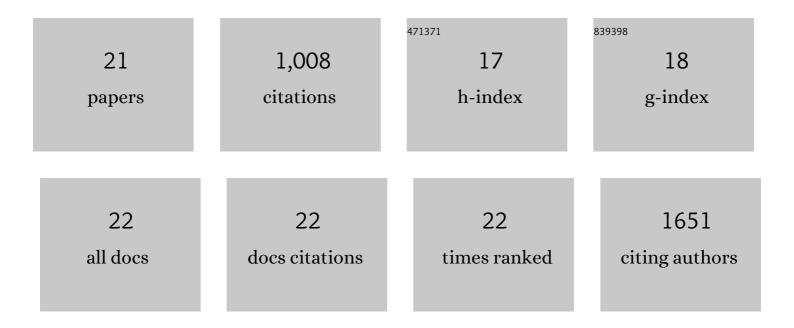
## Yoann Malbeteau

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3815145/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Current Practices in UAS-based Environmental Monitoring. Remote Sensing, 2020, 12, 1001.	1.8	135
2	Retrieving surface soil moisture at high spatio-temporal resolution from a synergy between Sentinel-1 radar and Landsat thermal data: A study case over bare soil. Remote Sensing of Environment, 2018, 211, 321-337.	4.6	118
3	SMOS disaggregated soil moisture product at 1 km resolution: Processor overview and first validation results. Remote Sensing of Environment, 2016, 180, 361-376.	4.6	112
4	Performance Metrics for Soil Moisture Downscaling Methods: Application to DISPATCH Data in Central Morocco. Remote Sensing, 2015, 7, 3783-3807.	1.8	69
5	DisPATCh as a tool to evaluate coarse-scale remotely sensed soil moisture using localized in situ measurements: Application to SMOS and AMSR-E data in Southeastern Australia. International Journal of Applied Earth Observation and Geoinformation, 2016, 45, 221-234.	1.4	64
6	Normalizing land surface temperature data for elevation and illumination effects in mountainous areas: A case study using ASTER data over a steep-sided valley in Morocco. Remote Sensing of Environment, 2017, 189, 25-39.	4.6	64
7	Preliminary Assessment of SARAL/AltiKa Observations over the Ganges-Brahmaputra and Irrawaddy Rivers. Marine Geodesy, 2015, 38, 568-580.	0.9	58
8	Satellite-derived surface and sub-surface water storage in the Ganges–Brahmaputra River Basin. Journal of Hydrology: Regional Studies, 2015, 4, 15-35.	1.0	56
9	Predicting Biomass and Yield in a Tomato Phenotyping Experiment Using UAV Imagery and Random Forest. Frontiers in Artificial Intelligence, 2020, 3, 28.	2.0	55
10	Unmanned Aerial Vehicle-Based Phenotyping Using Morphometric and Spectral Analysis Can Quantify Responses of Wild Tomato Plants to Salinity Stress. Frontiers in Plant Science, 2019, 10, 370.	1.7	47
11	A Calibration Procedure for Field and UAV-Based Uncooled Thermal Infrared Instruments. Sensors, 2020, 20, 3316.	2.1	47
12	Surface Freshwater Storage Variations in the Orinoco Floodplains Using Multi-Satellite Observations. Remote Sensing, 2015, 7, 89-110.	1.8	38
13	Atmospheric drying as the main driver of dramatic glacier wastage in the southern Indian Ocean. Scientific Reports, 2016, 6, 32396.	1.6	29
14	Capturing the Diurnal Cycle of Land Surface Temperature Using an Unmanned Aerial Vehicle. Remote Sensing, 2018, 10, 1407.	1.8	29
15	Automated Georectification and Mosaicking of UAV-Based Hyperspectral Imagery from Push-Broom Sensors. Remote Sensing, 2020, 12, 34.	1.8	29
16	Toward a Surface Soil Moisture Product at High Spatiotemporal Resolution: Temporally Interpolated, Spatially Disaggregated SMOS Data. Journal of Hydrometeorology, 2018, 19, 183-200.	0.7	22
17	Mapping groundwater abstractions from irrigated agriculture: big data, inverse modeling, and a satellite–model fusion approach. Hydrology and Earth System Sciences, 2020, 24, 5251-5277.	1.9	19
18	PREDICTING BIOMASS AND YIELD AT HARVEST OF SALT-STRESSED TOMATO PLANTS USING UAV IMAGERY. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W13, 407-411.	0.2	10

#	Article	IF	CITATIONS
19	Overcoming the Challenges of Thermal Infrared Orthomosaics Using a Swath-Based Approach to Correct for Dynamic Temperature and Wind Effects. Remote Sensing, 2021, 13, 3255.	1.8	7
20	Evaporation-based disaggregation of surface soil moisture data: The dispatch method, the CATDS product and on-going research. , 2017, , .		0
21	Propose a Variance-based Model for Normalizing Satellite Images Derived Land Surface Temperature Relative to Environmental Parameters. Journal of Geospatial Information Technology, 2019, 7, 83-112.	0.2	0