Michael Schlund

List of Publications by Year
in descending order

		687363	752698
24 papers	705 citations	13 h-index	20 g-index
24 all docs	24 docs citations	24 times ranked	1303 citing authors

#	ARTICLE	IF	CITATIONS
1	Allometric equations for integrating remote sensing imagery into forest monitoring programmes. Global Change Biology, 2017, 23, 177-190.	9.5	254
2	Importance of bistatic SAR features from TanDEM-X for forest mapping and monitoring. Remote Sensing of Environment, 2014, 151, 16-26.	11.0	85
3	Sentinel-1 time series data for monitoring the phenology of winter wheat. Remote Sensing of Environment, 2020, 246, 111814.	11.0	45
4	TanDEM-X data for aboveground biomass retrieval in a tropical peat swamp forest. Remote Sensing of Environment, 2015, 158, 255-266.	11.0	43
5	Canopy penetration depth estimation with TanDEM-X and its compensation in temperate forests. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 147, 232-241.	11.1	40
6	Aboveground Forest Biomass Estimation Combining L- and P-Band SAR Acquisitions. Remote Sensing, 2018, 10, 1151.	4.0	37
7	Pantropical variability in tree crown allometry. Global Ecology and Biogeography, 2021, 30, 459-475.	5.8	27
8	Tallo: A global tree allometry and crown architecture database. Global Change Biology, 2022, 28, 5254-5268.	9.5	24
9	TanDEM-X elevation model data for canopy height and aboveground biomass retrieval in a tropical peat swamp forest. International Journal of Remote Sensing, 2016, 37, 5021-5044.	2.9	22
10	Canopy height estimation with TanDEM-X in temperate and boreal forests. International Journal of Applied Earth Observation and Geoinformation, 2019, 82, 101904.	2.8	19
11	Assessment of a Power Law Relationship Between <i>P</i>-Band SAR Backscatter and Aboveground Biomass and Its Implications for BIOMASS Mission Performance. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 3538-3547.	4.9	17
12	Dynamics of a human‐modified tropical peat swamp forest revealed by repeat lidar surveys. Global Change Biology, 2020, 26, 3947-3964.	9.5	17
13	Forest classification and impact of BIOMASS resolution on forest area and aboveground biomass estimation. International Journal of Applied Earth Observation and Geoinformation, 2017, 56, 65-76.	2.8	15
14	Comparison of Aboveground Biomass Estimation From InSAR and LiDAR Canopy Height Models in Tropical Forests. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 367-371.	3.1	13
15	Assimilating satellite‐based canopy height within an ecosystem model to estimate aboveground forest biomass. Geophysical Research Letters, 2017, 44, 6823-6832.	4.0	11
16	Using Airborne Laser Scanning to Characterize Land-Use Systems in a Tropical Landscape Based on Vegetation Structural Metrics. Remote Sensing, 2021, 13, 4794.	4.0	11
17	Vegetation canopy height estimation in dynamic tropical landscapes with TanDEM‐X supported by GEDI data. Methods in Ecology and Evolution, 2023, 14, 1639-1656.	5.2	6
18	Spaceborne height models reveal above ground biomass changes in tropical landscapes. Forest Ecology and Management, 2021, 497, 119497.	3.2	5

#	Article	IF	Citations
19	Sensitivity of Bistatic TanDEM-X Data to Stand Structural Parameters in Temperate Forests. Remote Sensing, 2019, 11, 2966.	4.0	5
20	Assessment of linear relationships between TanDEM-X coherence and canopy height as well as aboveground biomass in tropical forests. International Journal of Remote Sensing, 2021, 42, 3405-3425.	2.9	4
21	An encounter with pursuit monostatic applications of TanDEM-X mission. , 2015, , .		3
22	Potential of Sentinel-1 Time Series Data for the Estimation of Season Length in Winter Wheat Phenology. , 2021, , .		1
23	Potential of Forest Monitoring with Multi-Temporal TANDEM-X Height Models. , 2020, , .		1
24	Land use change detection using statistical signature matching and rule-based post-processing. , 2012, , .		0