Michael Schlund

List of Publications by Year
in descending order

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

#	Article	IF	Citations
1	Vegetation canopy height estimation in dynamic tropical landscapes with TanDEMâ€X supported by GEDI data. Methods in Ecology and Evolution, 2023, 14, 1639-1656.	5.2	6
2	Tallo: A global tree allometry and crown architecture database. Global Change Biology, 2022, 28, 5254-5268.	9.5	24
3	Pantropical variability in tree crown allometry. Global Ecology and Biogeography, 2021, 30, 459-475.	5.8	27
4	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
5	Spaceborne height models reveal above ground biomass changes in tropical landscapes. Forest Ecology and Management, 2021, 497, 119497.	3.2	5
6	Potential of Sentinel-1 Time Series Data for the Estimation of Season Length in Winter Wheat Phenology. , 2021, , .		1
7	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
8	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
9	Sentinel-1 time series data for monitoring the phenology of winter wheat. Remote Sensing of Environment, 2020, 246, 111814.	11.0	45
10	Dynamics of a humanâ€modified tropical peat swamp forest revealed by repeat lidar surveys. Global Change Biology, 2020, 26, 3947-3964.	9.5	17
11	Potential of Forest Monitoring with Multi-Temporal TANDEM-X Height Models. , 2020, , .		1
12	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
13	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
14	Sensitivity of Bistatic TanDEM-X Data to Stand Structural Parameters in Temperate Forests. Remote Sensing, 2019, 11, 2966.	4.0	5
15	Assessment of a Power Law Relationship Between P-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
16	Aboveground Forest Biomass Estimation Combining L- and P-Band SAR Acquisitions. Remote Sensing, 2018, 10, 1151.	4.0	37
17	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
18	Allometric equations for integrating remote sensing imagery into forest monitoring programmes. Global Change Biology, 2017, 23, 177-190.	9.5	254

#	Article	IF	Citations
19	Assimilating satelliteâ€based canopy height within an ecosystem model to estimate aboveground forest biomass. Geophysical Research Letters, 2017, 44, 6823-6832.	4.0	11
20	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
21	An encounter with pursuit monostatic applications of TanDEM-X mission. , 2015, , .		3
22	TanDEM-X data for aboveground biomass retrieval in a tropical peat swamp forest. Remote Sensing of Environment, 2015, 158, 255-266.	11.0	43
23	Importance of bistatic SAR features from TanDEM-X for forest mapping and monitoring. Remote Sensing of Environment, 2014, 151, 16-26.	11.0	85
24	Land use change detection using statistical signature matching and rule-based post-processing. , 2012, , .		0