

# Valerio Avitabile

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8926592/publications.pdf>

Version: 2024-02-01

18  
papers

1,606  
citations

567281

15  
h-index

839539

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

3228  
citing authors

#	ARTICLE	IF	CITATIONS
1	An integrated pan-tropical biomass map using multiple reference datasets. <i>Global Change Biology</i> , 2016, 22, 1406-1420.	9.5	469
2	Abrupt increase in harvested forest area over Europe after 2015. <i>Nature</i> , 2020, 583, 72-77.	27.8	198
3	Capabilities and limitations of Landsat and land cover data for aboveground woody biomass estimation of Uganda. <i>Remote Sensing of Environment</i> , 2012, 117, 366-380.	11.0	177
4	The global forest above-ground biomass pool for 2010 estimated from high-resolution satellite observations. <i>Earth System Science Data</i> , 2021, 13, 3927-3950.	9.9	123
5	Options for monitoring and estimating historical carbon emissions from forest degradation in the context of REDD+. <i>Carbon Balance and Management</i> , 2011, 6, 13.	3.2	109
6	The Role and Need for Space-Based Forest Biomass-Related Measurements in Environmental Management and Policy. <i>Surveys in Geophysics</i> , 2019, 40, 757-778.	4.6	92
7	High aboveground carbon stock of African tropical montane forests. <i>Nature</i> , 2021, 596, 536-542.	27.8	65
8	Mapping biomass with remote sensing: a comparison of methods for the case study of Uganda. <i>Carbon Balance and Management</i> , 2011, 6, 7.	3.2	61
9	An assessment of forest biomass maps in Europe using harmonized national statistics and inventory plots. <i>Forest Ecology and Management</i> , 2018, 409, 489-498.	3.2	60
10	Forest biomass retrieval approaches from earth observation in different biomes. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 77, 53-68.	2.8	60
11	Land-use and land-cover change carbon emissions between 1901 and 2012 constrained by biomass observations. <i>Biogeosciences</i> , 2017, 14, 5053-5067.	3.3	58
12	A comprehensive framework for assessing the accuracy and uncertainty of global above-ground biomass maps. <i>Remote Sensing of Environment</i> , 2022, 272, 112917.	11.0	48
13	Aboveground forest biomass varies across continents, ecological zones and successional stages: refined IPCC default values for tropical and subtropical forests. <i>Environmental Research Letters</i> , 2022, 17, 014047.	5.2	21
14	Apparent ecosystem carbon turnover time: uncertainties and robust features. <i>Earth System Science Data</i> , 2020, 12, 2517-2536.	9.9	17
15	Carbon emissions from land cover change in Central Vietnam. <i>Carbon Management</i> , 2016, 7, 333-346.	2.4	16
16	Reply to Wernick, I. K. et al.; Palah, M. et al.. <i>Nature</i> , 2021, 592, E18-E23.	27.8	16
17	The Potential of High Resolution (5 m) RapidEye Optical Data to Estimate Above Ground Biomass at the National Level over Tanzania. <i>Forests</i> , 2019, 10, 107.	2.1	11
18	Potentials and limitations of NFIs and remote sensing in the assessment of harvest rates: a reply to Breidenbach et al.. <i>Annals of Forest Science</i> , 2022, 79, .	2.0	1