

Antonio Montealegre

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	A Comparison of Open-Source LiDAR Filtering Algorithms in a Mediterranean Forest Environment. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 4072-4085.	4.9	82
2	Interpolation Routines Assessment in ALS-Derived Digital Elevation Models for Forestry Applications. Remote Sensing, 2015, 7, 8631-8654.	4.0	61
3	Forest Fire Severity Assessment Using ALS Data in a Mediterranean Environment. Remote Sensing, 2014, 6, 4240-4265.	4.0	46
4	Use of low point density ALS data to estimate stand-level structural variables in Mediterranean Aleppo pine forest. Forestry, 2016, 89, 373-382.	2.3	34
5	Estimation of Total Biomass in Aleppo Pine Forest Stands Applying Parametric and Nonparametric Methods to Low-Density Airborne Laser Scanning Data. Forests, 2018, 9, 158.	2.1	28
6	Temporal Transferability of Pine Forest Attributes Modeling Using Low-Density Airborne Laser Scanning Data. Remote Sensing, 2019, 11, 261.	4.0	19
7	Forest structural diversity characterization in Mediterranean landscapes affected by fires using Airborne Laser Scanning data. GIScience and Remote Sensing, 2020, 57, 497-509.	5.9	18
8	Comparison of regression models to estimate biomass losses and CO2 emissions using low-density airborne laser scanning data in a burnt Aleppo pine forest. European Journal of Remote Sensing, 2017, 50, 384-396.	3.5	16
9	Heating Energy Consumption and Environmental Implications Due to the Change in Daily Habits in Residential Buildings Derived from COVID-19 Crisis: The Case of Barcelona, Spain. Sustainability, 2021, 13, 918.	3.2	16
10	GIS-based assessment for the potential of implementation of food-energy-water systems on building rooftops at the urban level. Science of the Total Environment, 2022, 803, 149963.	8.0	15
11	Using low-density discrete Airborne Laser Scanning data to assess the potential carbon dioxide emission in case of a fire event in a Mediterranean pine forest. GIScience and Remote Sensing, 2017, 54, 721-740.	5.9	8
12	Quantifying forest residual biomass in <i>Pinus halepensis</i> Miller stands using Airborne Laser Scanning data. GIScience and Remote Sensing, 2019, 56, 1210-1232.	5.9	8
13	Assessing the Potential of the DART Model to Discrete Return LiDAR Simulation Application to Fuel Type Mapping. Remote Sensing, 2021, 13, 342.	4.0	8
14	CARTOGRAFÍA DE LA BIOMASA AREA TOTAL EN MASAS DE PINUS RADIATA D. DON MEDIANTE ANÁLISIS MULTIVARIANTE A PARTIR DE DATOS PÚBLICOS LiDAR (PNOA) E IFN 4. Geofocus Revista Internacional De Ciencia Y Tecnología De La Información Geográfica, 0, 20, 87-107.	0.5	3
15	Análisis multi-temporal de los cambios geomorfológicos y de la cubierta vegetal en un cauce extenso de gravas: el río Cinca, Aragón (España). Boletín De La Asociación De Geógrafos Españoles, 2022, , .	0.3	1
16	Estimating Forest Residual Biomass in Mediterranean Pinus Halepensis Forest Using Low Point Density ALS Data. , 2018, , .		0
17	Assessment of Biomass and Carbon Content in a Mediterranean Aleppo Pine Forest Using ALS Data. , 0, , .		0