Elia QuirÃ³s

List of Publications by Year
in descending order

21 papers	562 citations	1039880 9 h-index	752573 20 g-index
21 all docs	21 docs citations	21 times ranked	855 citing authors

#	Article	IF	Citations
1	Mapping landslide susceptibility with logistic regression, multiple adaptive regression splines, classification and regression trees, and maximum entropy methods: a comparative study. Landslides, 2013, 10, 175-189.	2.7	365
2	Testing Multivariate Adaptive Regression Splines (MARS) as a Method of Land Cover Classification of TERRA-ASTER Satellite Images. Sensors, 2009, 9, 9011-9028.	2.1	48
3	GEDI Elevation Accuracy Assessment: A Case Study of Southwest Spain. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 5285-5299.	2.3	29
4	Solar potential of rooftops in CÃ¡ceres city, Spain. Journal of Maps, 2018, 14, 44-51.	1.0	18
5	Semiautomatic detection and classification of materials in historic buildings with low-cost photogrammetric equipment. Journal of Cultural Heritage, 2017, 25, 21-30.	1.5	16
6	Overstory-understory land cover mapping at the watershed scale: accuracy enhancement by multitemporal remote sensing analysis and LiDAR. Environmental Science and Pollution Research, 2020, 27, 75-88.	2.7	14
7	Relationship of NDVI and oak (Quercus) pollen including a predictive model in the SW Mediterranean region. Science of the Total Environment, 2019, 676, 407-419.	3.9	12
8	Assessing the potential of multispectral and thermal UAV imagery from archaeological sites. A case study from the Iron Age hillfort of Villasviejas del Tamuja (CÃ¡ceres, Spain). Journal of Archaeological Science: Reports, 2020, 31, 102312.	0.2	12
9	Crop identification by massive processing of multiannual satellite imagery for EU common agriculture policy subsidy control. European Journal of Remote Sensing, 2021, 54, 1-12.	1.7	10
10	Accuracy Enhancement for Land Cover Classification Using LiDAR and Multitemporal Sentinel 2 Images in a Forested Watershed. Proceedings (mdpi), 2018, 2, 1280.	0.2	8
11	Validation of flood risk maps using open source optical and radar satellite imagery. Transactions in GIS, 2020, 24, 1208-1226.	1.0	7
12	RadiografÃa de un castro de la Edad del Hierro: arqueologÃa no invasiva en el asentamiento de Villasviejas del Tamuja (Botija, CÃ¡ceres). Trabajos De Prehistoria, 2019, 76, 303.	0.2	6
13	Recursos abiertos de informaciÃ³n geogrÃ¡fica para investigaciÃ³n y documentaciÃ³n cientÃfica. Revista Espanola De Documentacion Cientifica, 2018, 41, 214.	0.1	5
14	Circular Statistics Applied to the Study of the Solar Radiation Potential of Rooftops in a Medium-Sized City. Energies, 2018, 11, 2813.	1.6	3
15	Directional Statistics in Solar Potential of Rooftops at Three Different Neighborhoods of a Medium Size City. Proceedings (mdpi), 2018, 2, .	0.2	2
16	Dehesa environment mapping with transference of a Random Forest classifier to neighboring ultra-high spatial resolution imagery at class and macro-class land cover levels. Stochastic Environmental Research and Risk Assessment, 2020, 34, 2179-2210.	1.9	2
17	Optimization of land cover mapping through improvements in Sentinel-1 and Sentinel-2 image dimensionality and data mining feature selection for hydrological modeling. Stochastic Environmental Research and Risk Assessment, 2021, 35, 2493-2519.	1.9	2
18	Detection and Labeling of Sensitive Areas in Hydrological Cartography Using Vector Statistics. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 189-196.	2.7	1

#	Article	IF	Citations
19	Geoengineering Education for Management of Geospatial Data in University Context. Journal of Surveying Engineering, - ASCE, 2021, 147, .	1.0	1
20	ClasificaciÃ³n supervisada de imÃ¡genes PNOA-NIR y fusiÃ³n con datos LiDAR-PNOA como apoyo en el inventario forestal. Caso de estudio: Dehesas.. Cuadernos De La Sociedad EspaÃ±ola De Ciencias Forestales, 2020, 45, 77-96.	0.1	1
21	Spearman Correlation between the NDVI and Quercus Airborne Pollen in the SW of the Iberian Peninsula. Proceedings (mdpi), 2018, 2, .	0.2	0