

# Carlos J Novillo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4072103/publications.pdf>

Version: 2024-02-01

21  
papers

448  
citations

933447

10  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

719  
citing authors

#	ARTICLE	IF	CITATIONS
1	GIS analysis of spatial patterns of human-caused wildfire ignition risk in the SW of Madrid (Central Tj ETQq1 1 0.784314 rgBT /Overl	4.2	141
2	Spatial modelling of socioeconomic data to understand patterns of human-caused wildfire ignition risk in the SW of Madrid (central Spain). Ecological Modelling, 2010, 221, 34-45.	2.5	63
3	Evaluation of Unsupervised Change Detection Methods Applied to Landslide Inventory Mapping Using ASTER Imagery. Remote Sensing, 2018, 10, 1987.	4.0	36
4	Effects of Water and Nutrient Availability in Pinus pinaster Ait. Open Pollinated Families at an Early Age: Growth, Gas Exchange and Water Relations. New Forests, 2006, 31, 321-342.	1.7	32
5	Recent NDVI Trends in Mainland Spain: Land-Cover and Phytoclimatic-Type Implications. ISPRS International Journal of Geo-Information, 2019, 8, 43.	2.9	27
6	Albedo estimated from remote sensing correlates with ecosystem multifunctionality in global drylands. Journal of Arid Environments, 2018, 157, 116-123.	2.4	25
7	Topographic Correction to Landsat Imagery through Slope Classification by Applying the SCS + C Method in Mountainous Forest Areas. ISPRS International Journal of Geo-Information, 2017, 6, 287.	2.9	24
8	Understanding land cover change in a Special Protection Area in Central Spain through the enhanced land cover transition matrix and a related new approach. Journal of Environmental Management, 2011, 92, 1128-1137.	7.8	20
9	Landslide Susceptibility Assessment Using an AutoML Framework. International Journal of Environmental Research and Public Health, 2021, 18, 10971.	2.6	16
10	Applying the chi-square transformation and automatic secant thresholding to Landsat imagery as unsupervised change detection methods. Journal of Applied Remote Sensing, 2017, 11, 016016.	1.3	15
11	Evaluation of Conditioning Factors of Slope Instability and Continuous Change Maps in the Generation of Landslide Inventory Maps Using Machine Learning (ML) Algorithms. Remote Sensing, 2021, 13, 4515.	4.0	9
12	Thresholding Algorithm Optimization for Change Detection to Satellite Imagery. , 0, , .		8
13	Remotely sensed albedo allows the identification of two ecosystem states along aridity gradients in <sc>Africa</sc>. Land Degradation and Development, 2019, 30, 1502-1515.	3.9	8
14	Monitoring NDVI Inter-Annual Behavior in Mountain Areas of Mainland Spain (2001â€“2016). Sustainability, 2018, 10, 4363.	3.2	6
15	Relationship between MRPV Model Parameters from MISRL2 Land Surface Product and Land Covers: A Case Study within Mainland Spain. ISPRS International Journal of Geo-Information, 2017, 6, 353.	2.9	4
16	Improving Land Cover Classifications with Multiangular Data: MISR Data in Mainland Spain. Remote Sensing, 2018, 10, 1717.	4.0	4
17	How the ecosystem extent is changing: A national-level accounting approach and application. Science of the Total Environment, 2022, 815, 152903.	8.0	4
18	An Alternative Method for the Generation of Consistent Mapping to Monitoring Land Cover Change: A Case Study of Guerrero State in Mexico. Land, 2021, 10, 731.	2.9	3

#	ARTICLE	IF	CITATIONS
19	Evaluation of the consistency of the three MRPV model parameters provided by the MISR level 2 land surface products: a case study in Mainland Spain. <i>International Journal of Remote Sensing</i> , 2018, 39, 3164-3185.	2.9	1
20	Payment for environmental services between the adding and the subsidization: application to the valuation of the landscape in the San Juan dam, Madrid, Spain. <i>Investigacion Agraria Sistemas Y Recursos Forestales</i> , 2008, 17, 39.	0.4	1
21	Fast Treetops Counting Using Mathematical Image Symmetry, Segmentation, and Fast k-Means Classification Algorithms. <i>Symmetry</i> , 2022, 14, 532.	2.2	1