

# Carlos J Novillo

## List of Publications by Year in descending order

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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	How the ecosystem extent is changing: A national-level accounting approach and application. <i>Science of the Total Environment</i> , 2022, 815, 152903.	8.0	4
2	Fast Treetops Counting Using Mathematical Image Symmetry, Segmentation, and Fast k-Means Classification Algorithms. <i>Symmetry</i> , 2022, 14, 532.	2.2	1
3	An Alternative Method for the Generation of Consistent Mapping to Monitoring Land Cover Change: A Case Study of Guerrero State in Mexico. <i>Land</i> , 2021, 10, 731.	2.9	3
4	Landslide Susceptibility Assessment Using an AutoML Framework. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10971.	2.6	16
5	Evaluation of Conditioning Factors of Slope Instability and Continuous Change Maps in the Generation of Landslide Inventory Maps Using Machine Learning (ML) Algorithms. <i>Remote Sensing</i> , 2021, 13, 4515.	4.0	9
6	Remotely sensed albedo allows the identification of two ecosystem states along aridity gradients in Africa. <i>Land Degradation and Development</i> , 2019, 30, 1502-1515.	3.9	8
7	Recent NDVI Trends in Mainland Spain: Land-Cover and Phytoclimatic-Type Implications. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 43.	2.9	27
8	Monitoring NDVI Inter-Annual Behavior in Mountain Areas of Mainland Spain (2001–2016). <i>Sustainability</i> , 2018, 10, 4363.	3.2	6
9	Evaluation of Unsupervised Change Detection Methods Applied to Landslide Inventory Mapping Using ASTER Imagery. <i>Remote Sensing</i> , 2018, 10, 1987.	4.0	36
10	Improving Land Cover Classifications with Multiangular Data: MISR Data in Mainland Spain. <i>Remote Sensing</i> , 2018, 10, 1717.	4.0	4
11	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
12	Albedo estimated from remote sensing correlates with ecosystem multifunctionality in global drylands. <i>Journal of Arid Environments</i> , 2018, 157, 116-123.	2.4	25
13	Applying the chi-square transformation and automatic secant thresholding to Landsat imagery as unsupervised change detection methods. <i>Journal of Applied Remote Sensing</i> , 2017, 11, 016016.	1.3	15
14	Relationship between MRPV Model Parameters from MISRL2 Land Surface Product and Land Covers: A Case Study within Mainland Spain. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 353.	2.9	4
15	Topographic Correction to Landsat Imagery through Slope Classification by Applying the SCS + C Method in Mountainous Forest Areas. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 287.	2.9	24
16	Understanding land cover change in a Special Protection Area in Central Spain through the enhanced land cover transition matrix and a related new approach. <i>Journal of Environmental Management</i> , 2011, 92, 1128-1137.	7.8	20
17	Spatial modelling of socioeconomic data to understand patterns of human-caused wildfire ignition risk in the SW of Madrid (central Spain). <i>Ecological Modelling</i> , 2010, 221, 34-45.	2.5	63
18	GIS analysis of spatial patterns of human-caused wildfire ignition risk in the SW of Madrid (Central)	4.2	141

#	ARTICLE	IF	CITATIONS
19	Payment for environmental services between the adding and the subsidization: application to the valuation of the landscape in the San Juan dam, Madrid, Spain. Investigacion Agraria Sistemas Y Recursos Forestales, 2008, 17, 39.	0.4	1
20	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
21	Thresholding Algorithm Optimization for Change Detection to Satellite Imagery. , 0, , .		8