

# Pedro J. Leito

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

44  
papers

6,129  
citations

23  
h-index

54  
g-index

54  
ext. papers

7,844  
ext. citations

5.3  
avg, IF

5.27  
L-index

#	Paper	IF	Citations
44	Collinearity: a review of methods to deal with it and a simulation study evaluating their performance. <i>Ecography</i> , <b>2013</b> , 36, 27-46	6.5	4125
43	The EnMAP Spaceborne Imaging Spectroscopy Mission for Earth Observation. <i>Remote Sensing</i> , <b>2015</b> , 7, 8830-8857	5	334
42	Comparing the determinants of cropland abandonment in Albania and Romania using boosted regression trees. <i>Agricultural Systems</i> , <b>2013</b> , 117, 66-77	6.1	166
41	A standard protocol for reporting species distribution models. <i>Ecography</i> , <b>2020</b> , 43, 1261-1277	6.5	141
40	The EnMAP-BoxA Toolbox and Application Programming Interface for EnMAP Data Processing. <i>Remote Sensing</i> , <b>2015</b> , 7, 11249-11266	5	134
39	Drivers of forest harvesting intensity patterns in Europe. <i>Forest Ecology and Management</i> , <b>2014</b> , 315, 160-172	3.9	118
38	Satellite remote sensing of ecosystem functions: opportunities, challenges and way forward. <i>Remote Sensing in Ecology and Conservation</i> , <b>2018</b> , 4, 71-93	5.3	104
37	Mapping land cover in complex Mediterranean landscapes using Landsat: Improved classification accuracies from integrating multi-seasonal and synthetic imagery. <i>Remote Sensing of Environment</i> , <b>2015</b> , 156, 527-536	13.2	102
36	Assessing weather effects on dengue disease in Malaysia. <i>International Journal of Environmental Research and Public Health</i> , <b>2013</b> , 10, 6319-34	4.6	87
35	Assessment of land use factors associated with dengue cases in Malaysia using Boosted Regression Trees. <i>Spatial and Spatio-temporal Epidemiology</i> , <b>2014</b> , 10, 75-84	3.5	85
34	Mapping Brazilian savanna vegetation gradients with Landsat time series. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2016</b> , 52, 361-370	7.3	59
33	Measuring biodiversity by remote sensing: A challenge for biodiversity monitoring. <i>Methods in Ecology and Evolution</i> , <b>2018</b> , 9, 1787-1798	7.7	57
32	Estimating Fractional Shrub Cover Using Simulated EnMAP Data: A Comparison of Three Machine Learning Regression Techniques. <i>Remote Sensing</i> , <b>2014</b> , 6, 3427-3445	5	48
31	Modelling species distributions with remote sensing data: bridging disciplinary perspectives. <i>Journal of Biogeography</i> , <b>2013</b> , 40, 2226-2227	4.1	45
30	Effects of land-use on Collembola diversity patterns in a Mediterranean landscape. <i>Pedobiologia</i> , <b>2004</b> , 48, 609-622	1.7	39
29	Effects of species and habitat positional errors on the performance and interpretation of species distribution models. <i>Diversity and Distributions</i> , <b>2009</b> , 15, 671-681	5	38
28	Forest management impacts on capercaillie ( <i>Tetrao urogallus</i> ) habitat distribution and connectivity in the Carpathians. <i>Landscape Ecology</i> , <b>2017</b> , 32, 163-179	4.3	34

27	Evaluating forest management intensity on an umbrella species: Capercaillie persistence in central Europe. <i>Forest Ecology and Management</i> , <b>2015</b> , 354, 26-34	3.9	33
26	Effects of geographical data sampling bias on habitat models of species distributions: a case study with steppe birds in southern Portugal. <i>International Journal of Geographical Information Science</i> , <b>2011</b> , 25, 439-454	4.1	33
25	Improving Models of Species Ecological Niches: A Remote Sensing Overview. <i>Frontiers in Ecology and Evolution</i> , <b>2019</b> , 7,	3.7	33
24	Priority list of biodiversity metrics to observe from space. <i>Nature Ecology and Evolution</i> , <b>2021</b> , 5, 896-906 <sup>1,2,3</sup>	1.2,3	30
23	Understanding and assessing vegetation health by in situ species and remote-sensing approaches. <i>Methods in Ecology and Evolution</i> , <b>2018</b> , 9, 1799-1809	7.7	29
22	Mapping seasonal European bison habitat in the Caucasus Mountains to identify potential reintroduction sites. <i>Biological Conservation</i> , <b>2015</b> , 191, 83-92	6.2	23
21	Detailed agricultural land classification in the Brazilian cerrado based on phenological information from dense satellite image time series. <i>International Journal of Applied Earth Observation and Geoinformation</i> , <b>2019</b> , 82, 101872	7.3	22
20	Characterizing 32 years of shrub cover dynamics in southern Portugal using annual Landsat composites and machine learning regression modeling. <i>Remote Sensing of Environment</i> , <b>2018</b> , 219, 353-364 <sup>1,2</sup>	13,2	22
19	Landsat phenological metrics and their relation to aboveground carbon in the Brazilian Savanna. <i>Carbon Balance and Management</i> , <b>2018</b> , 13, 7	3.6	20
18	Monitoring Natural Ecosystem and Ecological Gradients: Perspectives with EnMAP. <i>Remote Sensing</i> , <b>2015</b> , 7, 13098-13119	5	20
17	Landscape makers and landscape takers: links between farming systems and landscape patterns along an intensification gradient. <i>Landscape Ecology</i> , <b>2016</b> , 31, 791-803	4.3	19
16	From sample to pixel: multi-scale remote sensing data for upscaling aboveground carbon data in heterogeneous landscapes. <i>Ecosphere</i> , <b>2018</b> , 9, e02298	3.1	16
15	Mapping beta diversity from space: Sparse Generalised Dissimilarity Modelling (SGDM) for analysing high-dimensional data. <i>Methods in Ecology and Evolution</i> , <b>2015</b> , 6, 764-771	7.7	15
14	Potential impacts of oil and gas development and climate change on migratory reindeer calving grounds across the Russian Arctic. <i>Diversity and Distributions</i> , <b>2014</b> , 20, 416-429	5	14
13	Using Class Probabilities to Map Gradual Transitions in Shrub Vegetation from Simulated EnMAP Data. <i>Remote Sensing</i> , <b>2015</b> , 7, 10668-10688	5	14
12	Import Vector Machines for Quantitative Analysis of Hyperspectral Data. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2014</b> , 11, 449-453	4.1	13
11	Soil fauna through the landscape window: factors shaping surface-and soil-dwelling communities across spatial scales in cork-oak mosaics. <i>Landscape Ecology</i> , <b>2015</b> , 30, 1511-1526	4.3	12
10	Impacts of Public and Private Sector Policies on Soybean and Pasture Expansion in Mato Grosso Brazil from 2001 to 2017. <i>Land</i> , <b>2020</b> , 9, 20	3.5	11

9	sgdm: An R Package for Performing Sparse Generalized Dissimilarity Modelling with Tools for gdm. <i>ISPRS International Journal of Geo-Information</i> , <b>2017</b> , 6, 23	2.9	9
8	Wind turbines in high quality habitat cause disproportionate increases in collision mortality of the white-tailed eagle. <i>Biological Conservation</i> , <b>2019</b> , 236, 44-51	6.2	4
7	Macroecology as a hub between research disciplines: Opportunities, challenges and possible ways forward. <i>Journal of Biogeography</i> , <b>2020</b> , 47, 13-15	4.1	4
6	High spatial resolution mapping identifies habitat characteristics of the invasive vine <i>Antigonon leptopus</i> on St. Eustatius (Lesser Antilles). <i>Biotropica</i> , <b>2021</b> , 53, 941-953	2.3	4
5	Breeding bird species diversity across gradients of land use from forest to agriculture in Europe. <i>Ecography</i> , <b>2018</b> , 41, 1331-1344	6.5	4
4	Mapping woody plant community turnover with space-borne hyperspectral data: a case study in the Cerrado. <i>Remote Sensing in Ecology and Conservation</i> , <b>2019</b> , 5, 107-115	5.3	2
3	Satellite Remote Sensing of Ecosystem Functions: Opportunities and Challenges for Reporting Obligations of the EU Habitat Directive <b>2018</b> ,		2
2	The role of land use and land cover change in climate change vulnerability assessments of biodiversity: a systematic review. <i>Landscape Ecology</i> , <b>2021</b> , 36, 3367	4.3	1
1	Monitoring Vegetation Diversity and Health through Spectral Traits and Trait Variations Based on Hyperspectral Remote Sensing <b>2018</b> , 95-126		