Pedro J. Leito

List of Publications by Year in Descending Order

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	High spatial resolution mapping identifies habitat characteristics of the invasive vine Antigonon leptopus on St. Eustatius (Lesser Antilles). *Biotropica*, **2021**, 53, 941-953	2.3	4
43	Priority list of biodiversity metrics to observe from space. *Nature Ecology and Evolution*, **2021**, 5, 896-906	12.3	30
42	The role of land use and land cover change in climate change vulnerability assessments of biodiversity: a systematic review. *Landscape Ecology*, **2021**, 36, 3367	4.3	1
41	A standard protocol for reporting species distribution models. *Ecography*, **2020**, 43, 1261-1277	6.5	141
40	Impacts of Public and Private Sector Policies on Soybean and Pasture Expansion in Mato GrossoBrazil from 2001 to 2017. *Land*, **2020**, 9, 20	3.5	11
39	Macroecology as a hub between research disciplines: Opportunities, challenges and possible ways forward. *Journal of Biogeography*, **2020**, 47, 13-15	4.1	4
38	Wind turbines in high quality habitat cause disproportionate increases in collision mortality of the white-tailed eagle. *Biological Conservation*, **2019**, 236, 44-51	6.2	4
37	Detailed agricultural land classification in the Brazilian cerrado based on phenological information from dense satellite image time series. *International Journal of Applied Earth Observation and Geoinformation*, **2019**, 82, 101872	7.3	22
36	Improving Models of Species Ecological Niches: A Remote Sensing Overview. *Frontiers in Ecology and Evolution*, **2019**, 7,	3.7	33
35	Mapping woody plant community turnover with space-borne hyperspectral data a case study in the Cerrado. *Remote Sensing in Ecology and Conservation*, **2019**, 5, 107-115	5.3	2
34	Measuring diversity by remote sensing: A challenge for biodiversity monitoring. *Methods in Ecology and Evolution*, **2018**, 9, 1787-1798	7.7	57
33	Landsat phenological metrics and their relation to aboveground carbon in the Brazilian Savanna. *Carbon Balance and Management*, **2018**, 13, 7	3.6	20
32	Understanding and assessing vegetation health by in situ species and remote-sensing approaches. *Methods in Ecology and Evolution*, **2018**, 9, 1799-1809	7.7	29
31	From sample to pixel: multi-scale remote sensing data for upscaling aboveground carbon data in heterogeneous landscapes. *Ecosphere*, **2018**, 9, e02298	3.1	16
30	Monitoring Vegetation Diversity and Health through Spectral Traits and Trait Variations Based on Hyperspectral Remote Sensing **2018**, 95-126		
29	Breeding bird species diversity across gradients of land use from forest to agriculture in Europe. *Ecography*, **2018**, 41, 1331-1344	6.5	4
28	Satellite remote sensing of ecosystem functions: opportunities, challenges and way forward. *Remote Sensing in Ecology and Conservation*, **2018**, 4, 71-93	5.3	104

27	Satellite Remote Sensing of Ecosystem Functions: Opportunities and Challenges for Reporting Obligations of the EU Habitat Directive **2018**,		2
26	Characterizing 32 years of shrub cover dynamics in southern Portugal using annual Landsat composites and machine learning regression modeling. *Remote Sensing of Environment*, **2018**, 219, 353-364	13.2	22
25	Forest management impacts on capercaillie (Tetrao urogallus) habitat distribution and connectivity in the Carpathians. *Landscape Ecology*, **2017**, 32, 163-179	4.3	34
24	sgdm: An R Package for Performing Sparse Generalized Dissimilarity Modelling with Tools for gdm. *ISPRS International Journal of Geo-Information*, **2017**, 6, 23	2.9	9
23	Landscape makers and landscape takers: links between farming systems and landscape patterns along an intensification gradient. *Landscape Ecology*, **2016**, 31, 791-803	4.3	19
22	Mapping Brazilian savanna vegetation gradients with Landsat time series. *International Journal of Applied Earth Observation and Geoinformation*, **2016**, 52, 361-370	7.3	59
21	Mapping seasonal European bison habitat in the Caucasus Mountains to identify potential reintroduction sites. *Biological Conservation*, **2015**, 191, 83-92	6.2	23
20	Soil fauna through the landscape window: factors shaping surface-and soil-dwelling communities across spatial scales in cork-oak mosaics. *Landscape Ecology*, **2015**, 30, 1511-1526	4.3	12
19	Mapping beta diversity from space: Sparse Generalised Dissimilarity Modelling (SGDM) for analysing high-dimensional data. *Methods in Ecology and Evolution*, **2015**, 6, 764-771	7.7	15
18	Evaluating forest management intensity on an umbrella species: Capercaillie persistence in central Europe. *Forest Ecology and Management*, **2015**, 354, 26-34	3.9	33
17	Mapping land cover in complex Mediterranean landscapes using Landsat: Improved classification accuracies from integrating multi-seasonal and synthetic imagery. *Remote Sensing of Environment*, **2015**, 156, 527-536	13.2	102
16	The EnMAP Spaceborne Imaging Spectroscopy Mission for Earth Observation. *Remote Sensing*, **2015**, 7, 8830-8857	5	334
15	Using Class Probabilities to Map Gradual Transitions in Shrub Vegetation from Simulated EnMAP Data. *Remote Sensing*, **2015**, 7, 10668-10688	5	14
14	The EnMAP-Box A Toolbox and Application Programming Interface for EnMAP Data Processing. *Remote Sensing*, **2015**, 7, 11249-11266	5	134
13	Monitoring Natural Ecosystem and Ecological Gradients: Perspectives with EnMAP. *Remote Sensing*, **2015**, 7, 13098-13119	5	20
12	Drivers of forest harvesting intensity patterns in Europe. *Forest Ecology and Management*, **2014**, 315, 160-172	3.9	118
11	Potential impacts of oil and gas development and climate change on migratory reindeer calving grounds across the Russian Arctic. *Diversity and Distributions*, **2014**, 20, 416-429	5	14
10	Estimating Fractional Shrub Cover Using Simulated EnMAP Data: A Comparison of Three Machine Learning Regression Techniques. *Remote Sensing*, **2014**, 6, 3427-3445	5	48

9	Assessment of land use factors associated with dengue cases in Malaysia using Boosted Regression Trees. *Spatial and Spatio-temporal Epidemiology*, **2014**, 10, 75-84	3.5	85
8	Import Vector Machines for Quantitative Analysis of Hyperspectral Data. *IEEE Geoscience and Remote Sensing Letters*, **2014**, 11, 449-453	4.1	13
7	Modelling species distributions with remote sensing data: bridging disciplinary perspectives. *Journal of Biogeography*, **2013**, 40, 2226-2227	4.1	45
6	Collinearity: a review of methods to deal with it and a simulation study evaluating their performance. *Ecography*, **2013**, 36, 27-46	6.5	4125
5	Comparing the determinants of cropland abandonment in Albania and Romania using boosted regression trees. *Agricultural Systems*, **2013**, 117, 66-77	6.1	166
4	Assessing weather effects on dengue disease in Malaysia. *International Journal of Environmental Research and Public Health*, **2013**, 10, 6319-34	4.6	87
3	Effects of geographical data sampling bias on habitat models of species distributions: a case study with steppe birds in southern Portugal. *International Journal of Geographical Information Science*, **2011**, 25, 439-454	4.1	33
2	Effects of species and habitat positional errors on the performance and interpretation of species distribution models. *Diversity and Distributions*, **2009**, 15, 671-681	5	38
1	Effects of land-use on Collembola diversity patterns in a Mediterranean landscape. *Pedobiologia*, **2004**, 48, 609-622	1.7	39