# Pedro J. LeitÃ£o

## List of Publications by Year in descending order



| 48 | 9,368 | 218662 | 214788 |
|---|---|---|---|
| papers | citations | 26 h-index | 47 g-index |

| 54 | 54 | 54 | 15931 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Impacts of Forest Management on Forest Bird Occurrence Patternsâ€"A Case Study in Central Europe. Frontiers in Forests and Global Change, 2022, 5, . | 2.3 | 4 |
| 2 | High spatial resolution mapping identifies habitat characteristics of the invasive vine Antigonon leptopus on St. Eustatius (Lesser Antilles). Biotropica, 2021, 53, 941-953. | 1.6 | 8 |
| 3 | Priority list of biodiversity metrics to observe from space. Nature Ecology and Evolution, 2021, 5, 896-906. | 7.8 | 101 |
| 4 | The role of land use and land cover change in climate change vulnerability assessments of biodiversity: a systematic review. Landscape Ecology, 2021, 36, 3367-3382. | 4.2 | 28 |
| 5 | Macroecology as a hub between research disciplines: Opportunities, challenges and possible ways forward. Journal of Biogeography, 2020, 47, 13-15. | 3.0 | 7 |
| 6 | A standard protocol for reporting species distribution models. Ecography, 2020, 43, 1261-1277. | 4.5 | 397 |
| 7 | Impacts of Public and Private Sector Policies on Soybean and Pasture Expansion in Mato Grossoâ€"Brazil from 2001 to 2017. Land, 2020, 9, 20. | 2.9 | 16 |
| 8 | Applying A Phenological Object-Based Image Analysis (Phenobia) for Agricultural Land Classification: A Study Case in the Brazilian Cerrado. , 2020, , . | | 1 |
| 9 | Wind turbines in high quality habitat cause disproportionate increases in collision mortality of the white-tailed eagle. Biological Conservation, 2019, 236, 44-51. | 4.1 | 11 |
| 10 | 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. | 2.8 | 37 |
| 11 | Comparing Phenometrics Extracted From Dense Landsat-Like Image Time Series for Crop Classification. , 2019, , . | | 1 |
| 12 | Improving Models of Species Ecological Niches: A Remote Sensing Overview. Frontiers in Ecology and Evolution, 2019, 7, . | 2.2 | 58 |
| 13 | Mapping woody plant community turnover with spaceâ€borne hyperspectral data â€“ a case study in the Cerrado. Remote Sensing in Ecology and Conservation, 2019, 5, 107-115. | 4.3 | 4 |
| 14 | Breeding bird species diversity across gradients of land use from forest to agriculture in Europe. Ecography, 2018, 41, 1331-1344. | 4.5 | 6 |
| 15 | Satellite remote sensing of ecosystem functions: opportunities, challenges and way forward. Remote Sensing in Ecology and Conservation, 2018, 4, 71-93. | 4.3 | 176 |
| 16 | Satellite Remote Sensing of Ecosystem Functions: Opportunities and Challenges for Reporting Obligations of the EU Habitat Directive. , 2018, , . | | 2 |
| 17 | Characterizing 32â€¯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. | 11.0 | 38 |
| 18 | Measuring Î²â€diversity by remote sensing: A challenge for biodiversity monitoring. Methods in Ecology and Evolution, 2018, 9, 1787-1798. | 5.2 | 97 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Landsat phenological metrics and their relation to aboveground carbon in the Brazilian Savanna. Carbon Balance and Management, 2018, 13, 7. | 3.2 | 27 |
| 20 | Understanding and assessing vegetation health by in situ species and remoteâ€sensing approaches. Methods in Ecology and Evolution, 2018, 9, 1799-1809. | 5.2 | 45 |
| 21 | From sample to pixel: multiâ€scale remote sensing data for upscaling aboveground carbon data in heterogeneous landscapes. Ecosphere, 2018, 9, e02298. | 2.2 | 21 |
| 22 | Bird traits and their responses to forest structure in Central European forests. , 2018, , . | | 0 |
| 23 | Mapping Cerrado woody plant traits with spaceborne hyperspectral data. , 2018, , . | | 0 |
| 24 | Forest management impacts on capercaillie (Tetrao urogallus) habitat distribution and connectivity in the Carpathians. Landscape Ecology, 2017, 32, 163-179. | 4.2 | 43 |
| 25 | 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 | 15 |
| 26 | Mapping Brazilian savanna vegetation gradients with Landsat time series. International Journal of Applied Earth Observation and Geoinformation, 2016, 52, 361-370. | 2.8 | 71 |
| 27 | Landscape makers and landscape takers: links between farming systems and landscape patterns along an intensification gradient. Landscape Ecology, 2016, 31, 791-803. | 4.2 | 21 |
| 28 | The EnMAP Spaceborne Imaging Spectroscopy Mission for Earth Observation. Remote Sensing, 2015, 7, 8830-8857. | 4.0 | 529 |
| 29 | Using Class Probabilities to Map Gradual Transitions in Shrub Vegetation from Simulated EnMAP Data. Remote Sensing, 2015, 7, 10668-10688. | 4.0 | 19 |
| 30 | The EnMAP-Boxâ€”A Toolbox and Application Programming Interface for EnMAP Data Processing. Remote Sensing, 2015, 7, 11249-11266. | 4.0 | 185 |
| 31 | Monitoring Natural Ecosystem and Ecological Gradients: Perspectives with EnMAP. Remote Sensing, 2015, 7, 13098-13119. | 4.0 | 25 |
| 32 | Mapping seasonal European bison habitat in the Caucasus Mountains to identify potential reintroduction sites. Biological Conservation, 2015, 191, 83-92. | 4.1 | 31 |
| 33 | 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. | 4.2 | 15 |
| 34 | Mapping beta diversity from space: Sparse Generalised Dissimilarity Modelling (SGDM) for analysing highâ€dimensional data. Methods in Ecology and Evolution, 2015, 6, 764-771. | 5.2 | 18 |
| 35 | Evaluating forest management intensity on an umbrella species: Capercaillie persistence in central Europe. Forest Ecology and Management, 2015, 354, 26-34. | 3.2 | 42 |
| 36 | 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. | 11.0 | 135 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Assessment of land use factors associated with dengue cases in Malaysia using Boosted Regression Trees. Spatial and Spatio-temporal Epidemiology, 2014, 10, 75-84. | 1.7 | 105 |
| 38 | Import Vector Machines for Quantitative Analysis of Hyperspectral Data. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 449-453. | 3.1 | 13 |
| 39 | Drivers of forest harvesting intensity patterns in Europe. Forest Ecology and Management, 2014, 315, 160-172. | 3.2 | 147 |
| 40 | 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. | 4.1 | 15 |
| 41 | Estimating Fractional Shrub Cover Using Simulated EnMAP Data: A Comparison of Three Machine Learning Regression Techniques. Remote Sensing, 2014, 6, 3427-3445. | 4.0 | 58 |
| 42 | Modelling species distributions with remote sensing data: bridging disciplinary perspectives. Journal of Biogeography, 2013, 40, 2226-2227. | 3.0 | 61 |
| 43 | Collinearity: a review of methods to deal with it and a simulation study evaluating their performance. Ecography, 2013, 36, 27-46. | 4.5 | 6,250 |
| 44 | Comparing the determinants of cropland abandonment in Albania and Romania using boosted regression trees. Agricultural Systems, 2013, 117, 66-77. | 6.1 | 214 |
| 45 | Assessing Weather Effects on Dengue Disease in Malaysia. International Journal of Environmental Research and Public Health, 2013, 10, 6319-6334. | 2.6 | 122 |
| 46 | 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. | 4.8 | 45 |
| 47 | Effects of species and habitat positional errors on the performance and interpretation of species distribution models. Diversity and Distributions, 2009, 15, 671-681. | 4.1 | 46 |
| 48 | Effects of land-use on Collembola diversity patterns in a Mediterranean landscape. Pedobiologia, 2004, 48, 609-622. | 1.2 | 43 |