

# Paloma Ruiz-Benito

## 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.

36  
papers

2,198  
citations

20  
h-index

39  
g-index

39  
ext. papers

2,729  
ext. citations

7.2  
avg, IF

4.75  
L-index

#	Paper	IF	Citations
36	Plant functional traits have globally consistent effects on competition. <i>Nature</i> , <b>2016</b> , 529, 204-7	50.4	453
35	Tree mortality across biomes is promoted by drought intensity, lower wood density and higher specific leaf area. <i>Ecology Letters</i> , <b>2017</b> , 20, 539-553	10	199
34	Disentangling the relative importance of climate, size and competition on tree growth in Iberian forests: implications for forest management under global change. <i>Global Change Biology</i> , <b>2011</b> , 17, 2400-2414	11.4	197
33	Diversity increases carbon storage and tree productivity in Spanish forests. <i>Global Ecology and Biogeography</i> , <b>2014</b> , 23, 311-322	6.1	186
32	Biodiversity and ecosystem functioning relations in European forests depend on environmental context. <i>Ecology Letters</i> , <b>2017</b> , 20, 1414-1426	10	149
31	Structural overshoot of tree growth with climate variability and the global spectrum of drought-induced forest dieback. <i>Global Change Biology</i> , <b>2017</b> , 23, 3742-3757	11.4	147
30	Patterns and drivers of tree mortality in Iberian forests: climatic effects are modified by competition. <i>PLoS ONE</i> , <b>2013</b> , 8, e56843	3.7	141
29	Interspecific differences in tree growth and mortality responses to environmental drivers determine potential species distributional limits in Iberian forests. <i>Global Ecology and Biogeography</i> , <b>2013</b> , 22, 1141-1151	6.1	65
28	Modes of functional biodiversity control on tree productivity across the European continent. <i>Global Ecology and Biogeography</i> , <b>2016</b> , 25, 251-262	6.1	64
27	Large-scale assessment of regeneration and diversity in Mediterranean planted pine forests along ecological gradients. <i>Diversity and Distributions</i> , <b>2012</b> , 18, 1092-1106	5	62
26	Recent land cover changes in Spain across biogeographical regions and protection levels: Implications for conservation policies. <i>Land Use Policy</i> , <b>2015</b> , 44, 62-75	5.6	54
25	Continental mapping of forest ecosystem functions reveals a high but unrealised potential for forest multifunctionality. <i>Ecology Letters</i> , <b>2018</b> , 21, 31-42	10	47
24	Climate- and successional-related changes in functional composition of European forests are strongly driven by tree mortality. <i>Global Change Biology</i> , <b>2017</b> , 23, 4162-4176	11.4	46
23	Functional diversity underlies demographic responses to environmental variation in European forests. <i>Global Ecology and Biogeography</i> , <b>2017</b> , 26, 128-141	6.1	41
22	Stand Structure and Recent Climate Change Constrain Stand Basal Area Change in European Forests: A Comparison Across Boreal, Temperate, and Mediterranean Biomes. <i>Ecosystems</i> , <b>2014</b> , 17, 1439-1454	3.9	37
21	Complementarity effects on tree growth are contingent on tree size and climatic conditions across Europe. <i>Scientific Reports</i> , <b>2016</b> , 6, 32233	4.9	32
20	Land use change in a Mediterranean metropolitan region and its periphery: assessment of conservation policies through CORINE Land Cover data and Markov models. <i>Forest Systems</i> , <b>2010</b> , 19, 315	0.9	29

19	Forest productivity in southwestern Europe is controlled by coupled North Atlantic and Atlantic Multidecadal Oscillations. <i>Nature Communications</i> , <b>2017</b> , 8, 2222	17.4	27
18	Available and missing data to model impact of climate change on European forests. <i>Ecological Modelling</i> , <b>2020</b> , 416, 108870	3	26
17	Modelling above-ground carbon dynamics using multi-temporal airborne lidar: insights from a Mediterranean woodland. <i>Biogeosciences</i> , <b>2016</b> , 13, 961-973	4.6	23
16	Evidence of non-stationary relationships between climate and forest responses: Increased sensitivity to climate change in Iberian forests. <i>Global Change Biology</i> , <b>2020</b> , 26, 5063-5076	11.4	20
15	Structural diversity underpins carbon storage in Australian temperate forests. <i>Global Ecology and Biogeography</i> , <b>2020</b> , 29, 789-802	6.1	20
14	Resilience to drought in a dry forest: Insights from demographic rates. <i>Forest Ecology and Management</i> , <b>2017</b> , 389, 167-175	3.9	19
13	Contrasting effects of climate change along life stages of a dominant tree species: the importance of soil-climate interactions. <i>Diversity and Distributions</i> , <b>2014</b> , 20, 872-883	5	19
12	Methodological variations in the production of CORINE land cover and consequences for long-term land cover change studies. The case of Spain.. <i>International Journal of Remote Sensing</i> , <b>2019</b> , 1-19	3.1	16
11	Climatic Stress during Stand Development Alters the Sign and Magnitude of Age-Related Growth Responses in a Subtropical Mountain Pine. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126581	3.7	12
10	Wood provisioning in Mediterranean forests: A bottom-up spatial valuation approach. <i>Forest Policy and Economics</i> , <b>2012</b> , 20, 78-88	3.6	11
9	Long-term dynamics of shrub facilitation shape the mixing of evergreen and deciduous oaks in Mediterranean abandoned fields. <i>Journal of Ecology</i> , <b>2020</b> , 108, 1125-1137	6	11
8	Demographic performance of European tree species at their hot and cold climatic edges. <i>Journal of Ecology</i> , <b>2021</b> , 109, 1041-1054	6	10
7	Forest Adaptation to Climate Change along Steep Ecological Gradients: The Case of the Mediterranean-Temperate Transition in South-Western Europe. <i>Sustainability</i> , <b>2018</b> , 10, 3065	3.6	10
6	Revealing patterns of local species richness along environmental gradients with a novel network tool. <i>Scientific Reports</i> , <b>2015</b> , 5, 11561	4.9	9
5	A Multifactorial Approach to Value Supporting Ecosystem Services in Spanish Forests and Its Implications in a Warming World. <i>Sustainability</i> , <b>2019</b> , 11, 358	3.6	4
4	Occurrence but not intensity of mortality rises towards the climatic trailing edge of tree species ranges in European forests. <i>Global Ecology and Biogeography</i> , <b>2021</b> , 30, 1356-1374	6.1	4
3	Inventarios forestales para el estudio de patrones y procesos en Ecología <b>2016</b> , 25, 1-5		3
2	Tree growth response to drought partially explains regional-scale growth and mortality patterns in Iberian forests.. <i>Ecological Applications</i> , <b>2022</b> , e2589	4.9	3

1 Divergent occurrences of juvenile and adult trees are explained by both environmental change and ontogenetic effects. *Ecography*,

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