

# Ricardo Ruiz-Peinado

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

3,260  
citations

218662  
26  
h-index

223791  
46  
g-index

49  
all docs

49  
docs citations

49  
times ranked

5841  
citing authors

#	ARTICLE	IF	CITATIONS
1	Correction: Soil erodibility in European mountain beech forests. Canadian Journal of Forest Research, 2022, 52, 135-135.	1.7	0
2	The distribution of carbon stocks between tree woody biomass and soil differs between Scots pine and broadleaved species (beech, oak) in European forests. European Journal of Forest Research, 2022, 141, 467-480.	2.5	5
3	Species-specific and generalized biomass models for estimating carbon stocks of young reforestations. Biomass and Bioenergy, 2022, 161, 106453.	5.7	7
4	Biomass Assessment and Carbon Sequestration in Post-Fire Shrublands by Means of Sentinel-2 and Gaussian Processes. Forests, 2022, 13, 771.	2.1	2
5	With increasing site quality asymmetric competition and mortality reduces Scots pine (Pinus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	3.2	11
6	Species stratification and weather conditions drive tree growth in Scots pine and Norway spruce mixed stands along Europe. Forest Ecology and Management, 2021, 481, 118697.	3.2	15
7	Differences in stem radial variation between Pinus pinaster Ait. and Quercus pyrenaica Willd. may release inter-specific competition. Forest Ecology and Management, 2021, 481, 118779.	3.2	12
8	Tree species identity drives soil organic carbon storage more than species mixing in major two-species mixtures (pine, oak, beech) in Europe. Forest Ecology and Management, 2021, 481, 118752.	3.2	20
9	Mixing effects on Scots pine (Pinus sylvestris L.) and Norway spruce (Picea abies (L.) Karst.) productivity along a climatic gradient across Europe. Forest Ecology and Management, 2021, 482, 118834.	3.2	23
10	The greater resilience of mixed forests to drought mainly depends on their composition: Analysis along a climate gradient across Europe. Forest Ecology and Management, 2021, 481, 118687.	3.2	104
11	Improving tree biomass models through crown ratio patterns and incomplete data sources. European Journal of Forest Research, 2021, 140, 675-689.	2.5	8
12	Stand-level biomass models for predicting C stock for the main Spanish pine species. Forest Ecosystems, 2021, 8, .	3.1	7
13	Estimating forest floor carbon stocks in woodland formations in Spain. Science of the Total Environment, 2021, 788, 147734.	8.0	10
14	Height growth for assessing coreâ€“outerwood transition on Pinus sylvestris and Pinus nigra Spanish stands. European Journal of Forest Research, 2020, 139, 273-278.	2.5	1
15	Stand growth and structure of mixed-species and monospecific stands of Scots pine (Pinus sylvestris) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Europe. European Journal of Forest Research, 2020, 139, 349-367.	2.5	59
16	Contrasting patterns of tree species mixture effects on wood $\delta^{13}C$ along an environmental gradient. European Journal of Forest Research, 2020, 139, 229-245.	2.5	7
17	TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	9.5	1,038
18	PatrÃ³n de la regeneraciÃ³n tras cortas a hecho en dos tiempos sobre masas de repoblaciÃ³n de Pinus pinaster Ait. con presencia variable de frondosas (Sierra Madrona). Cuadernos De La Sociedad EspaÃ±ola De Ciencias Forestales, 2020, 46, 197-210.	0.1	0

#	ARTICLE	IF	CITATIONS
19	Tree allometry variation in response to intra- and inter-specific competitions. <i>Trees - Structure and Function</i> , 2019, 33, 121-138.	1.9	59
20	Resin-tapped pine forests in Spain: Ecological diversity and economic valuation. <i>Science of the Total Environment</i> , 2018, 625, 1146-1155.	8.0	44
21	Long-term impacts of drought on growth and forest dynamics in a temperate beech-oak-birch forest. <i>Agricultural and Forest Meteorology</i> , 2018, 259, 48-59.	4.8	32
22	Tree size and climatic water deficit control root to shoot ratio in individual trees globally. <i>New Phytologist</i> , 2018, 217, 8-11.	7.3	108
23	Drought modifies tree competitiveness in an oak-beech temperate forest. <i>Forest Ecology and Management</i> , 2018, 429, 7-17.	3.2	35
24	Generalized biomass equations for Stone pine ( <i>Pinus pinea</i> L.) across the Mediterranean basin. <i>Forest Ecology and Management</i> , 2018, 429, 425-436.	3.2	16
25	Data Platforms for Mixed Forest Research: Contributions from the EuMIXFOR Network. <i>Managing Forest Ecosystems</i> , 2018, , 73-101.	0.9	6
26	Species proportions by area in mixtures of Scots pine ( <i>Pinus sylvestris</i> L.) and European beech ( <i>Fagus</i> ) Tj ETQq0 0 0,rgBT /Overlock 10 Tt	2.9	29
27	Thinning enhances the species-specific radial increment response to drought in Mediterranean pine-oak stands. <i>Agricultural and Forest Meteorology</i> , 2017, 237-238, 371-383.	4.8	60
28	Thinning alters the early-decomposition rate and nutrient immobilization-release pattern of foliar litter in Mediterranean oak-pine mixed stands. <i>Forest Ecology and Management</i> , 2017, 391, 309-320.	3.2	34
29	Mediterranean Pine Forests: Management Effects on Carbon Stocks. <i>Managing Forest Ecosystems</i> , 2017, , 301-327.	0.9	23
30	Forest Carbon Sequestration: The Impact of Forest Management. <i>Managing Forest Ecosystems</i> , 2017, , 251-275.	0.9	5
31	Generalized biomass and leaf area allometric equations for European tree species incorporating stand structure, tree age and climate. <i>Forest Ecology and Management</i> , 2017, 396, 160-175.	3.2	219
32	Species interactions increase the temporal stability of community productivity in <i>Pinus sylvestris</i> – <i>Fagus sylvatica</i> mixtures across Europe. <i>Journal of Ecology</i> , 2017, 105, 1032-1043.	4.0	140
33	Predicting the spatial and temporal dynamics of species interactions in <i>Fagus sylvatica</i> and <i>Pinus sylvestris</i> forests across Europe. <i>Forest Ecology and Management</i> , 2017, 405, 112-133.	3.2	40
34	Terrestrial laser scanning reveals differences in crown structure of <i>Fagus sylvatica</i> in mixed vs. pure European forests. <i>Forest Ecology and Management</i> , 2017, 405, 381-390.	3.2	80
35	EuMIXFOR empirical forest mensuration and ring width data from pure and mixed stands of Scots pine ( <i>Pinus sylvestris</i> L.) and European beech ( <i>Fagus sylvatica</i> L.) through Europe. <i>Annals of Forest Science</i> , 2017, 74, 1.	2.0	27
36	Forest management and carbon sequestration in the Mediterranean region: A review. <i>Forest Systems</i> , 2017, 26, eR04S.	0.3	65

#	ARTICLE	IF	CITATIONS
37	A review of thinning effects on Scots pine stands: From growth and yield to new challenges under global change. <i>Forest Systems</i> , 2017, 26, eR03S.	0.3	66
38	“Carbon stocks in a Scots pine afforestation under different thinning intensities management”™. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2016, 21, 1059.	2.1	24
39	Aboveground biomass equations for sustainable production of fuelwood in a native dry tropical afro-montane forest of Ethiopia. <i>Annals of Forest Science</i> , 2016, 73, 411-423.	2.0	24
40	Impact of changes in land use, species and elevation on soil organic carbon and total nitrogen in Ethiopian Central Highlands. <i>Geoderma</i> , 2016, 261, 70-79.	5.1	104
41	Shrub biomass accumulation and growth rate models to quantify carbon stocks and fluxes for the Mediterranean region. <i>European Journal of Forest Research</i> , 2015, 134, 537-553.	2.5	43
42	Forest thinning impact on carbon stock and soil condition in Southern European populations of <i>P. sylvestris</i> L. <i>Forest Ecology and Management</i> , 2015, 357, 259-267.	3.2	53
43	How does biomass distribution change with size and differ among species? An analysis for 1200 plant species from five continents. <i>New Phytologist</i> , 2015, 208, 736-749.	7.3	239
44	Aleppo pine vulnerability to climate stress is independent of site productivity of forest stands in southeastern Spain. <i>Trees - Structure and Function</i> , 2014, 28, 1209-1224.	1.9	15
45	Do thinnings influence biomass and soil carbon stocks in Mediterranean maritime pinewoods?. <i>European Journal of Forest Research</i> , 2013, 132, 253-262.	2.5	69
46	The contribution of two common shrub species to aboveground and belowground carbon stock in Iberian dehesas. <i>Journal of Arid Environments</i> , 2013, 91, 22-30.	2.4	28
47	Biomass models to estimate carbon stocks for hardwood tree species. <i>Forest Systems</i> , 2012, 21, 42.	0.3	106
48	New models for estimating the carbon sink capacity of Spanish softwood species. <i>Forest Systems</i> , 2011, 20, 176.	0.3	110
49	Growth and yield models in Spain: Historical overview, Contemporary Examples and perspectives. <i>Forest Systems</i> , 2011, 20, 315.	0.3	28