Sonia Condés

List of Publications by Year
in descending order

45 papers	**1,723** citations	304743 **22** h-index	289244 **40** g-index
47 all docs	**47** docs citations	**47** times ranked	**1897** citing authors

#	Article	IF	Citations
1	Estimation of leaf area index and covered ground from airborne laser scanner (Lidar) in two contrasting forests. Agricultural and Forest Meteorology, 2004, 124, 269-275.	4.8	231
2	Characterization of the structure, dynamics, and productivity of mixed-species stands: review and perspectives. European Journal of Forest Research, 2016, 135, 23-49.	2.5	170
3	Generation of crown bulk density for Pinus sylvestris L. from lidar. Remote Sensing of Environment, 2004, 92, 345-352.	11.0	130
4	Mixing effect on volume growth of Fagus sylvatica and Pinus sylvestris is modulated by stand density. Forest Ecology and Management, 2013, 292, 86-95.	3.2	115
5	Analyzing size-symmetric vs. size-asymmetric and intra- vs. inter-specific competition in beech (Fagus) Tj ETQq1 1 0.784314 rgBT /Overl	3.2	90
6	Climate modifies tree interactions in terms of basal area growth and mortality in monospecific and mixed Fagus sylvatica and Pinus sylvestris forests. European Journal of Forest Research, 2015, 134, 1095-1108.	2.5	62
7	Climate influences on the maximum size-density relationship in Scots pine (Pinus sylvestris L.) and European beech (Fagus sylvatica L.) stands. Forest Ecology and Management, 2017, 385, 295-307.	3.2	59
8	Tree allometry variation in response to intra- and inter-specific competitions. Trees - Structure and Function, 2019, 33, 121-138.	1.9	59
9	Derivation of compatible crown width equations for some important tree species of Spain. Forest Ecology and Management, 2005, 217, 203-218.	3.2	51
10	Overview of methods and tools for evaluating future woody biomass availability in European countries. Annals of Forest Science, 2016, 73, 823-837.	2.0	47
11	Effect of species proportion definition on the evaluation of growth in pure vs. mixed stands. Forest Systems, 2014, 23, 547.	0.3	45
12	Assessing components of the model-based mean square error estimator for remote sensing assisted forest applications. Canadian Journal of Forest Research, 2018, 48, 642-649.	1.7	40
13	Intra- and inter-specific variation of the maximum size-density relationship along an aridity gradient in Iberian pinewoods. Forest Ecology and Management, 2018, 411, 90-100.	3.2	37
14	Comparison of relascope and fixed-radius plots for the estimation of forest stand variables in northeast Spain: an inventory simulation approach. European Journal of Forest Research, 2011, 130, 851-859.	2.5	31
15	An empirical mixed model to quantify climate influence on the growth of Pinus halepensis Mill. stands in South-Eastern Spain. Forest Ecology and Management, 2012, 284, 59-68.	3.2	29
16	Species proportions by area in mixtures of Scots pine (Pinus sylvestris L.) and European beech (Fagus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.5	29
17	Harmonization Tests. Managing Forest Ecosystems, 2011, , 121-190.	0.9	29
18	Updating national forest inventory estimates of growing stock volume using hybrid inference. Forest Ecology and Management, 2017, 400, 48-57.	3.2	28

#	Article	IF	Citations
19	Growth and yield models in Spain: Historical overview, Contemporary Examples and perspectives. Forest Systems, 2011, 20, 315.	0.3	28
20	Comparing an individual tree growth model for Pinus halepensis Mill. in the Spanish region of Murcia with yield tables gained from the same area. European Journal of Forest Research, 2008, 127, 253-261.	2.5	24
21	Species dynamics in a montane cloud forest: Identifying factors involved in changes in tree diversity and functional characteristics. Forest Ecology and Management, 2009, 258, S75-S84.	3.2	24
22	Non-destructive measurement techniques for taper equation development: a study case in the Spanish Northern Iberian Range. European Journal of Forest Research, 2014, 133, 213-223.	2.5	24
23	Maximum stand density strongly depends on species-specific wood stability, shade and drought tolerance. Forestry, 2018, 91, 459-469.	2.3	24
24	The Spanish National Forest Inventory, a tool for the knowledge, management and conservation of forest ecosystems. , 2016, 25, 88-97.		24
25	Species and soil effects on overyielding of tree species mixtures in the Netherlands. Forest Ecology and Management, 2018, 409, 105-118.	3.2	23
26	Reproduction of postfirePinus halepensisMill. stands six years after silvicultural treatments. Annals of Forest Science, 2007, 64, 59-66.	2.0	21
27	Microâ€scale habitat associations of woody plants in a neotropical cloud forest. Journal of Vegetation Science, 2013, 24, 1086-1097.	2.2	21
28	The multi-objective Spanish National Forest Inventory. Forest Systems, 2017, 26, e04S.	0.3	21
29	Intertype mark correlation function: A new tool for the analysis of species interactions. Ecological Modelling, 2011, 222, 580-587.	2.5	20
30	Productivity Estimations for Monospecific and Mixed Pine Forests along the Iberian Peninsula Aridity Gradient. Forests, 2019, 10, 430.	2.1	20
31	Review of monitoring and assessing ground vegetation biodiversity in national forest inventories. Environmental Monitoring and Assessment, 2010, 164, 649-676.	2.7	19
32	Estimation and Uncertainty of the Mixing Effects on Scots Pineâ€"European Beech Productivity from National Forest Inventories Data. Forests, 2018, 9, 518.	2.1	15
33	Crown plasticity of five pine species in response to competition along an aridity gradient. Forest Ecology and Management, 2020, 473, 118302.	3.2	14
34	A long-scale biodiversity monitoring methodology for Spanish national forest inventory. Application to Ãlava region. Forest Systems, 2014, 23, 93.	0.3	14
35	Different spatial organisation strategies of woody plant species in a montane cloud forest. Acta Oecologica, 2012, 38, 49-57.	1.1	12
36	Recruitment patterns and potential mechanisms of community assembly in an Andean cloud forest. Journal of Vegetation Science, 2015, 26, 876-888.	2.2	12

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37	Mean species cover: a harmonized indicator of shrub cover for forest inventories. European Journal of Forest Research, 2018, 137, 265-278.	2.5	12
38	Characterization of Mixed Forests. Managing Forest Ecosystems, 2018, , 27-71.	0.9	12
39	Forest biodiversity assessment in Peruvian Andean Montane cloud forest. Journal of Mountain Science, 2012, 9, 372-384.	2.0	10
40	A new method for the identification of old-growth trees in National Forest Inventories: application to Pinus halepensis Mill. stands in Spain. Annals of Forest Science, 2013, 70, 277-285.	2.0	8
41	Stand-level biomass models for predicting C stock for the main Spanish pine species. Forest Ecosystems, 2021, 8, .	3.1	7
42	Data Platforms for Mixed Forest Research: Contributions from the EuMIXFOR Network. Managing Forest Ecosystems, 2018, , 73-101.	0.9	6
43	Temperature effect on size distributions in spruce-fir-beech mixed stands across Europe. Forest Ecology and Management, 2022, 504, 119819.	3.2	6
44	Prospects for Harmonized Biodiversity Assessments Using National Forest Inventory Data. Managing Forest Ecosystems, 2011, , 41-97.	0.9	4
45	National Forest Inventory Data to Evaluate Climate-Smart Forestry. Managing Forest Ecosystems, 2022, , 107-139.	0.9	4