Alba Anadon-Rosell

List of Publications by Year
in descending order

23 papers	936 citations	759233 12 h-index	677142 22 g-index
23 all docs	23 docs citations	23 times ranked	2560 citing authors

#	Article	IF	Citations
1	Root biomass and root traits ofAlnus glutinosashow size-dependent and opposite patterns in a drained and a rewetted forest peatland. Annals of Botany, 2021, 127, 337-346.	2.9	6
2	Direct and Indirect Effects of Environmental Limitations on White Spruce Xylem Anatomy at Treeline. Frontiers in Plant Science, 2021, 12, 748055.	3.6	0
3	Mask, Train, Repeat! Artificial Intelligence for Quantitative Wood Anatomy. Frontiers in Plant Science, 2021, 12, 767400.	3.6	10
4	Growth and Wood Trait Relationships of Alnus glutinosa in Peatland Forest Stands With Contrasting Water Regimes. Frontiers in Plant Science, 2021, 12, 788106.	3.6	3
5	Towards women-inclusive ecology: Representation, behavior, and perception of women at an international conference. PLoS ONE, 2021, 16, e0260163.	2.5	10
6	Seed production and dispersal limit treeline advance in the Pyrenees. Journal of Vegetation Science, 2020, 31, 981-994.	2.2	7
7	Xylem Anatomical Variability in White Spruce at Treeline Is Largely Driven by Spatial Clustering. Frontiers in Plant Science, 2020, 11, 581378.	3.6	6
8	Global plant trait relationships extend to the climatic extremes of the tundra biome. Nature Communications, 2020, 11, 1351.	12.8	52
9	From Understanding to Sustainable Use of Peatlands: The WETSCAPES Approach. Soil Systems, 2020, 4, 14.	2.6	45
10	No preferential carbon-allocation to storage over growth in clipped birch and oak saplings. Tree Physiology, 2020, 40, 621-636.	3.1	9
11	Traditional plant functional groups explain variation in economic but not sizeâ€related traits across the tundra biome. Global Ecology and Biogeography, 2019, 28, 78-95.	5.8	49
12	Land Use Alters the Drought Responses of Productivity and CO2 Fluxes in Mountain Grassland. Ecosystems, 2018, 21, 689-703.	3.4	55
13	Tundra Trait Team: A database of plant traits spanning the tundra biome. Global Ecology and Biogeography, 2018, 27, 1402-1411.	5.8	57
14	Plant functional trait change across a warming tundra biome. Nature, 2018, 562, 57-62.	27.8	451
15	Xylem anatomical and growth responses of the dwarf shrub Vaccinium myrtillus to experimental CO2 enrichment and soil warming at treeline. Science of the Total Environment, 2018, 642, 1172-1183.	8.0	12
16	Four years of experimental warming do not modify the interaction between subalpine shrub species. Oecologia, 2017, 183, 1167-1181.	2.0	13
17	The role of abiotic and biotic factors in functional structure and processes of alpine subshrub communities. Folia Geobotanica, 2017, 52, 199-215.	0.9	6
18	Short-term carbon allocation dynamics in subalpine dwarf shrubs and their responses to experimental summer drought. Environmental and Experimental Botany, 2017, 141, 92-102.	4.2	10

#	Article	IF	Citations
19	Vaccinium myrtillus stands show similar structure and functioning under different scenarios of coexistence at the Pyrenean treeline. Plant Ecology, 2016, 217, 1115-1128.	1.6	21
20	Growth and Phenology of Three Dwarf Shrub Species in a Six-Year Soil Warming Experiment at the Alpine Treeline. PLoS ONE, 2014, 9, e100577.	2.5	36
21	Recent updates and developments to plant genome size databases. Nucleic Acids Research, 2014, 42, D1159-D1166.	14.5	47
22	Phenology and seed setting success of snowbed plant species in contrasting snowmelt regimes in the Central Pyrenees. Flora: Morphology, Distribution, Functional Ecology of Plants, 2013, 208, 220-231.	1.2	15
23	Alpine Ecology in the Iberian Peninsula: What Do We Know, and What Do We Need to Learn?. Mountain Research and Development, 2013, 33, 437-442.	1.0	16