

Alba Anadon-Rosell

List of Publications by Year in descending order

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Version: 2024-02-01

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	Plant functional trait change across a warming tundra biome. <i>Nature</i> , 2018, 562, 57-62.	27.8	451
2	Tundra Trait Team: A database of plant traits spanning the tundra biome. <i>Global Ecology and Biogeography</i> , 2018, 27, 1402-1411.	5.8	57
3	Land Use Alters the Drought Responses of Productivity and CO ₂ Fluxes in Mountain Grassland Ecosystems, 2018, 21, 689-703.	3.4	55
4	Global plant trait relationships extend to the climatic extremes of the tundra biome. <i>Nature Communications</i> , 2020, 11, 1351.	12.8	52
5	Traditional plant functional groups explain variation in economic but not size-related traits across the tundra biome. <i>Global Ecology and Biogeography</i> , 2019, 28, 78-95.	5.8	49
6	Recent updates and developments to plant genome size databases. <i>Nucleic Acids Research</i> , 2014, 42, D1159-D1166.	14.5	47
7	From Understanding to Sustainable Use of Peatlands: The WETSCAPES Approach. <i>Soil Systems</i> , 2020, 4, 14.	2.6	45
8	Growth and Phenology of Three Dwarf Shrub Species in a Six-Year Soil Warming Experiment at the Alpine Treeline. <i>PLoS ONE</i> , 2014, 9, e100577.	2.5	36
9	<i>Vaccinium myrtillus</i> stands show similar structure and functioning under different scenarios of coexistence at the Pyrenean treeline. <i>Plant Ecology</i> , 2016, 217, 1115-1128.	1.6	21
10	Alpine Ecology in the Iberian Peninsula: What Do We Know, and What Do We Need to Learn?. <i>Mountain Research and Development</i> , 2013, 33, 437-442.	1.0	16
11	Phenology and seed setting success of snowbed plant species in contrasting snowmelt regimes in the Central Pyrenees. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2013, 208, 220-231.	1.2	15
12	Four years of experimental warming do not modify the interaction between subalpine shrub species. <i>Oecologia</i> , 2017, 183, 1167-1181.	2.0	13
13	Xylem anatomical and growth responses of the dwarf shrub <i>Vaccinium myrtillus</i> to experimental CO ₂ enrichment and soil warming at treeline. <i>Science of the Total Environment</i> , 2018, 642, 1172-1183.	8.0	12
14	Short-term carbon allocation dynamics in subalpine dwarf shrubs and their responses to experimental summer drought. <i>Environmental and Experimental Botany</i> , 2017, 141, 92-102.	4.2	10
15	Mask, Train, Repeat! Artificial Intelligence for Quantitative Wood Anatomy. <i>Frontiers in Plant Science</i> , 2021, 12, 767400.	3.6	10
16	Towards women-inclusive ecology: Representation, behavior, and perception of women at an international conference. <i>PLoS ONE</i> , 2021, 16, e0260163.	2.5	10
17	No preferential carbon-allocation to storage over growth in clipped birch and oak saplings. <i>Tree Physiology</i> , 2020, 40, 621-636.	3.1	9
18	Seed production and dispersal limit treeline advance in the Pyrenees. <i>Journal of Vegetation Science</i> , 2020, 31, 981-994.	2.2	7

#	ARTICLE	IF	CITATIONS
19	The role of abiotic and biotic factors in functional structure and processes of alpine subshrub communities. <i>Folia Geobotanica</i> , 2017, 52, 199-215.	0.9	6
20	Xylem Anatomical Variability in White Spruce at Treeline Is Largely Driven by Spatial Clustering. <i>Frontiers in Plant Science</i> , 2020, 11, 581378.	3.6	6
21	Root biomass and root traits of <i>Alnus glutinosa</i> show size-dependent and opposite patterns in a drained and a rewetted forest peatland. <i>Annals of Botany</i> , 2021, 127, 337-346.	2.9	6
22	Growth and Wood Trait Relationships of <i>Alnus glutinosa</i> in Peatland Forest Stands With Contrasting Water Regimes. <i>Frontiers in Plant Science</i> , 2021, 12, 788106.	3.6	3
23	Direct and Indirect Effects of Environmental Limitations on White Spruce Xylem Anatomy at Treeline. <i>Frontiers in Plant Science</i> , 2021, 12, 748055.	3.6	0