

# Dolors Verdaguer

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,156  
citations

393982

19  
h-index

395343

33  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1544  
citing authors

#	ARTICLE	IF	CITATIONS
1	UV-A radiation effects on higher plants: Exploring the known unknown. <i>Plant Science</i> , 2017, 255, 72-81.	1.7	220
2	Root starch storage and allocation patterns in seeder and resprouter seedlings of two Cape <i>Erica</i> ( <i>Ericaceae</i> ) species. <i>American Journal of Botany</i> , 2002, 89, 1189-1196.	0.8	92
3	Altitudinal and seasonal changes of phenolic compounds in <i>Buxus sempervirens</i> leaves and cuticles. <i>Plant Physiology and Biochemistry</i> , 2013, 70, 471-482.	2.8	64
4	Environmental Factors Correlated with the Metabolite Profile of <i>Vitis vinifera</i> cv. Pinot Noir Berry Skins along a European Latitudinal Gradient. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 8722-8734.	2.4	52
5	Stress proteins co-expressed in suberized and lignified cells and in apical meristems. <i>Plant Science</i> , 1998, 139, 49-57.	1.7	49
6	Interactive effects of UV radiation and reduced precipitation on the seasonal leaf phenolic content/composition and the antioxidant activity of naturally growing <i>Arbutus unedo</i> plants. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 153, 435-444.	1.7	48
7	Uptake, translocation and ligand of silver in <i>Lactuca sativa</i> exposed to silver nanoparticles of different size, coatings and concentration. <i>Journal of Hazardous Materials</i> , 2020, 384, 121201.	6.5	44
8	Effects of enhanced UV radiation and water availability on performance, biomass production and photoprotective mechanisms of <i>Laurus nobilis</i> seedlings. <i>Environmental and Experimental Botany</i> , 2015, 109, 264-275.	2.0	42
9	Resource remobilization in <i>Quercus ilex</i> L. resprouts. <i>Plant and Soil</i> , 2003, 252, 349-357.	1.8	41
10	Developmentally and stress-induced small heat shock proteins in cork oak somatic embryos. <i>Journal of Experimental Botany</i> , 2002, 53, 1445-1452.	2.4	38
11	Developmentally and stress-induced small heat shock proteins in cork oak somatic embryos. <i>Journal of Experimental Botany</i> , 2002, 53, 1445-1452.	2.4	37
12	Editorial: Interactive effects of UV-B radiation in a complex environment. <i>Plant Physiology and Biochemistry</i> , 2019, 134, 1-8.	2.8	35
13	Evolutionary Transition from Resprouter to Seeder Life History in Two <i>Erica</i> ( <i>Ericaceae</i> ) Species: Insights from Seedling Axillary Buds. <i>Annals of Botany</i> , 2005, 95, 593-599.	1.4	34
14	Environmental plasticity of Pinot noir grapevine leaves: A trans-European study of morphological and biochemical changes along a 1,500 km latitudinal climatic gradient. <i>Plant, Cell and Environment</i> , 2017, 40, 2790-2805.	2.8	34
15	Sensitivity of the Invasive Geophyte <i>Oxalis pes-caprae</i> to Nutrient Availability and Competition. <i>Annals of Botany</i> , 2006, 99, 637-645.	1.4	28
16	Interactive effects of UV radiation and water availability on seedlings of six woody Mediterranean species. <i>Physiologia Plantarum</i> , 2013, 147, 234-247.	2.6	26
17	Photomorphogenic effects of UVB and UVA radiation on leaves of six Mediterranean sclerophyllous woody species subjected to two different watering regimes at the seedling stage. <i>Environmental and Experimental Botany</i> , 2012, 79, 66-75.	2.0	25
18	Comparative anatomical analysis of the cotyledonary region in three Mediterranean Basin <i>Quercus</i> ( <i>Fagaceae</i> ). <i>American Journal of Botany</i> , 2002, 89, 383-392.	0.8	23

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19	LIGNOTUBER ONTOGENY IN THE CORK OAK (QUERCUS SUBER; FAGACEAE) II. GERMINATION AND YOUNG SEEDLING. <i>American Journal of Botany</i> , 1993, 80, 182-191.	0.8	22
20	Title is missing!. <i>Australian Journal of Botany</i> , 2001, 49, 67.	0.3	19
21	Effects of UV radiation and water limitation on the volatile terpene emission rates, photosynthesis rates, and stomatal conductance in four Mediterranean species. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 757-769.	1.0	18
22	UV responses of <i>Lolium perenne</i> raised along a latitudinal gradient across Europe: a filtration study. <i>Physiologia Plantarum</i> , 2012, 145, 604-618.	2.6	17
23	LIGNOTUBER ONTOGENY IN THE CORK OAK (QUERCUS SUBER; FAGACEAE) I. LATE EMBRYO. <i>American Journal of Botany</i> , 1993, 80, 172-181.	0.8	16
24	Expression of low molecular weight heat-shock proteins and total antioxidant activity in the Mediterranean tree <i>Quercus ilex</i> L. in relation to seasonal and diurnal changes in physiological parameters. <i>Plant, Cell and Environment</i> , 2003, 26, 1407-1417.	2.8	16
25	Effect of environmental factors and bulb mass on the invasive geophyte <i>Oxalis pes-caprae</i> development. <i>Acta Oecologica</i> , 2010, 36, 92-99.	0.5	16
26	Development and ultrastructure of the endodermis in the primary root of cork oak ( <i>Quercus</i> )	1.2	14
27	Effects of UV radiation and rainfall reduction on leaf and soil parameters related to C and N cycles of a Mediterranean shrubland before and after a controlled fire. <i>Plant and Soil</i> , 2018, 424, 503-524.	1.8	14
28	Contrasting seasonal morphological and physio-biochemical responses to UV radiation and reduced rainfall of two mature naturally growing Mediterranean shrubs in the context of climate change. <i>Environmental and Experimental Botany</i> , 2018, 147, 189-201.	2.0	13
29	Morphological and physiological acclimation of <i>Quercus coccifera</i> L. seedlings to water availability and growing medium. <i>New Forests</i> , 2011, 42, 363-381.	0.7	10
30	Litter decomposition of three halophytes in a Mediterranean salt marsh: Relevance of litter quality, microbial activity and microhabitat. <i>Science of the Total Environment</i> , 2022, 838, 155743.	3.9	10
31	Developmental Anatomy and Apical Organization of the Primary Root of Cork Oak ( <i>Quercus suber</i> L.). <i>International Journal of Plant Sciences</i> , 1999, 160, 471-481.	0.6	9
32	Appraising soil carbon storage potential under perennial and annual <i>Chenopodiaceae</i> in salt marsh of NE Spain. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 252, 107240.	0.9	8
33	Resilience of microbial communities in Mediterranean soil after induced drought and manipulated UV radiation. <i>European Journal of Soil Science</i> , 2022, 73, .	1.8	7
34	Physiological, growth and root biochemical responses of <i>Arbutus unedo</i> and <i>Quercus suber</i> seedlings to UV radiation and water availability before and after aboveground biomass removal. <i>Environmental and Experimental Botany</i> , 2019, 168, 103861.	2.0	5
35	Leaf biochemical adjustments in two Mediterranean resprouter species facing enhanced UV levels and reduced water availability before and after aerial biomass removal. <i>Plant Physiology and Biochemistry</i> , 2019, 137, 130-143.	2.8	5
36	Towards a better understanding of the role of rhizomes in mature woody plants: the belowground system of <i>Quercus coccifera</i> . <i>Trees - Structure and Function</i> , 2020, 34, 903-916.	0.9	4

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37	Lateral root development in a woody plant, <i>Quercus suber</i> L. (cork oak). Canadian Journal of Botany, 2000, 78, 1125-1135.	1.2	1