

# Mari Cruz Diaz-Barradas

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/232472/mari-cruz-diaz-barradas-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32  
papers

477  
citations

13  
h-index

21  
g-index

32  
ext. papers

540  
ext. citations

3.2  
avg, IF

3.53  
L-index

#	Paper	IF	Citations
32	Gender-specific costs of reproduction on vegetative growth and physiological performance in the dioecious shrub <i>Corema album</i> . <i>Annals of Botany</i> , <b>2010</b> , 106, 989-98	4.1	51
31	To live or to survive in Doñana dunes: Adaptive responses of woody species under a Mediterranean climate. <i>Plant and Soil</i> , <b>2005</b> , 273, 77-89	4.2	45
30	Multiscale control of vegetation patterns: the case of Doñana (SW Spain). <i>Landscape Ecology</i> , <b>2005</b> , 20, 51-61	4.3	44
29	Seasonal physiological plasticity and recovery capacity after summer stress in Mediterranean scrub communities. <i>Plant Ecology</i> , <b>2011</b> , 212, 127-142	1.7	42
28	Phenolic acids, flavonols and anthocyanins in <i>Corema album</i> (L.) D. Don berries. <i>Journal of Food Composition and Analysis</i> , <b>2013</b> , 29, 58-63	4.1	33
27	Seasonal physiological responses of <i>Argania spinosa</i> tree from Mediterranean to semi-arid climate. <i>Plant and Soil</i> , <b>2010</b> , 337, 217-231	4.2	31
26	Physiological performance and xylem water isotopic composition underlie gender-specific responses in the dioecious shrub <i>Corema album</i> . <i>Physiologia Plantarum</i> , <b>2010</b> , 140, 32-45	4.6	22
25	Sexual dimorphism, sex ratio and spatial distribution of male and female shrubs in the dioecious species <i>Pistacia lentiscus</i> L.. <i>Folia Geobotanica</i> , <b>1999</b> , 34, 163-174	1.4	21
24	Monitoring the evolution of soil moisture in root zone system of <i>Argania spinosa</i> using electrical resistivity imaging. <i>Agricultural Water Management</i> , <b>2016</b> , 164, 158-166	5.9	20
23	Effects of <i>Pinus pinea</i> litter on seed germination and seedling performance of three Mediterranean shrub species. <i>Plant Growth Regulation</i> , <b>2012</b> , 66, 285-292	3.2	20
22	Gender-specific variation in physiology in the dioecious shrub <i>Corema album</i> throughout its distributional range. <i>Functional Plant Biology</i> , <b>2012</b> , 39, 968-978	2.7	17
21	Contrasting plant water-use responses to groundwater depth in coastal dune ecosystems. <i>Functional Ecology</i> , <b>2018</b> , 32, 1931-1943	5.6	14
20	Water source partitioning among plant functional types in a semi-arid dune ecosystem. <i>Journal of Vegetation Science</i> , <b>2018</b> , 29, 671-683	3.1	13
19	Species-specific effects of the invasive <i>Hieracium pilosella</i> in Magellanic steppe grasslands are driven by nitrogen cycle changes. <i>Plant and Soil</i> , <b>2015</b> , 397, 175-187	4.2	10
18	How do Mediterranean shrub species cope with shade? Ecophysiological response to different light intensities. <i>Plant Biology</i> , <b>2018</b> , 20, 296-306	3.7	10
17	Season-dependent and independent responses of Mediterranean scrub to light conditions. <i>Plant Physiology and Biochemistry</i> , <b>2016</b> , 102, 80-91	5.4	9
16	Effects of temperature and rainfall variation on population structure and sexual dimorphism across the geographical range of a dioecious species. <i>Population Ecology</i> , <b>2013</b> , 55, 135-146	2.1	9

15	The vertical structure of mediterranean scrub in Doñana national park (SW Spain). <i>Folia Geobotanica Et Phytotaxonomica</i> , <b>1987</b> , 22, 415-433		9
14	Plant response to water stress of native and non-native <i>Oenothera drummondii</i> populations. <i>Plant Physiology and Biochemistry</i> , <b>2020</b> , 154, 219-228	5.4	8
13	Field comparison of ecophysiological traits between an invader and a native species in a Mediterranean coastal dune. <i>Plant Physiology and Biochemistry</i> , <b>2020</b> , 146, 278-286	5.4	7
12	Pentacyclic triterpenes responsible for photoprotection of <i>Corema album</i> (L.) D. Don white berries. <i>Biochemical Systematics and Ecology</i> , <b>2016</b> , 67, 103-109	1.4	7
11	The role of water use and uptake on two Mediterranean shrubs interaction in a brackish coastal dune ecosystem. <i>Ecohydrology</i> , <b>2014</b> , 7, 783-793	2.5	6
10	Do leaf traits and nitrogen supply affect decomposability rates of three Mediterranean species growing under different competition levels?. <i>Pedobiologia</i> , <b>2013</b> , 56, 113-119	1.7	6
9	Gender-related traits in the dioecious shrub <i>Empetrum rubrum</i> in two plant communities in the Magellanic steppe. <i>Acta Oecologica</i> , <b>2014</b> , 60, 40-48	1.7	5
8	Some secrets of <i>Argania spinosa</i> water economy in a semiarid climate. <i>Natural Product Communications</i> , <b>2013</b> , 8, 11-4	0.9	5
7	Gender dimorphism in <i>Corema album</i> across its biogeographical area and implications under a scenario of extreme drought events. <i>Environmental and Experimental Botany</i> , <b>2018</b> , 155, 609-618	5.9	4
6	Competitive effect of a native-invasive species on a threatened shrub in a Mediterranean dune system. <i>Oecologia</i> , <b>2015</b> , 177, 133-46	2.9	4
5	Morpho-physiological response of <i>Retama monosperma</i> to extreme salinity levels. <i>Ecohydrology</i> , <b>2017</b> , 10, e1871	2.5	2
4	Germination and Clonal Propagation of the Endemic Shrub <i>Corema album</i> , a Vulnerable Species with Conservation Needs and Commercial Interest. <i>Natural Product Communications</i> , <b>2017</b> , 12, 1934578X1701200	0.9	1
3	Some Secrets of <i>Argania spinosa</i> Water Economy in a Semiarid Climate. <i>Natural Product Communications</i> , <b>2013</b> , 8, 1934578X1300800	0.9	1
2	Different tolerance to salinity of two populations of <i>Oenothera drummondii</i> with contrasted biogeographical origin. <i>Plant Physiology and Biochemistry</i> , <b>2021</b> , 162, 336-348	5.4	1
1	Climatic Conditions and Herbivory Effects on Morphological Plasticity of <i>Argania spinosa</i> . <i>Natural Product Communications</i> , <b>2013</b> , 8, 1934578X1300800	0.9	0