

Mari Cruz Diaz-Barradas

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

616
citations

687363

13
h-index

610901

24
g-index

32
all docs

32
docs citations

32
times ranked

794
citing authors

#	ARTICLE	IF	CITATIONS
1	Gender-specific costs of reproduction on vegetative growth and physiological performance in the dioecious shrub <i>Corema album</i> . <i>Annals of Botany</i> , 2010, 106, 989-998.	2.9	60
2	Multiscale control of vegetation patterns: the case of Doñana (SW Spain). <i>Landscape Ecology</i> , 2005, 20, 51-61.	4.2	55
3	Seasonal physiological plasticity and recovery capacity after summer stress in Mediterranean scrub communities. <i>Plant Ecology</i> , 2011, 212, 127-142.	1.6	52
4	To live or to survive in Doñana dunes: Adaptive responses of woody species under a Mediterranean climate. <i>Plant and Soil</i> , 2005, 273, 77-89.	3.7	45
5	Seasonal physiological responses of <i>Argania spinosa</i> tree from Mediterranean to semi-arid climate. <i>Plant and Soil</i> , 2010, 337, 217-231.	3.7	45
6	Phenolic acids, flavonols and anthocyanins in <i>Corema album</i> (L.) D. Don berries. <i>Journal of Food Composition and Analysis</i> , 2013, 29, 58-63.	3.9	40
7	Monitoring the evolution of soil moisture in root zone system of <i>Argania spinosa</i> using electrical resistivity imaging. <i>Agricultural Water Management</i> , 2016, 164, 158-166.	5.6	31
8	Physiological performance and xylem water isotopic composition underlie gender-specific responses in the dioecious shrub <i>Corema album</i> . <i>Physiologia Plantarum</i> , 2010, 140, 32-45.	5.2	27
9	Water source partitioning among plant functional types in a semi-arid dune ecosystem. <i>Journal of Vegetation Science</i> , 2018, 29, 671-683.	2.2	27
10	Effects of <i>Pinus pinea</i> litter on seed germination and seedling performance of three Mediterranean shrub species. <i>Plant Growth Regulation</i> , 2012, 66, 285-292.	3.4	24
11	Contrasting plant water-use responses to groundwater depth in coastal dune ecosystems. <i>Functional Ecology</i> , 2018, 32, 1931-1943.	3.6	24
12	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> , 1999, 34, 163-174.	0.9	23
13	Gender-specific variation in physiology in the dioecious shrub <i>Corema album</i> throughout its distributional range. <i>Functional Plant Biology</i> , 2012, 39, 968.	2.1	21
14	How do Mediterranean shrub species cope with shade? Ecophysiological response to different light intensities. <i>Plant Biology</i> , 2018, 20, 296-306.	3.8	13
15	Plant response to water stress of native and non-native <i>Oenothera drummondii</i> populations. <i>Plant Physiology and Biochemistry</i> , 2020, 154, 219-228.	5.8	13
16	Some secrets of <i>Argania spinosa</i> water economy in a semi-arid climate. <i>Natural Product Communications</i> , 2013, 8, 11-4.	0.5	13
17	Field comparison of ecophysiological traits between an invader and a native species in a Mediterranean coastal dune. <i>Plant Physiology and Biochemistry</i> , 2020, 146, 278-286.	5.8	12
18	Effects of temperature and rainfall variation on population structure and sexual dimorphism across the geographical range of a dioecious species. <i>Population Ecology</i> , 2013, 55, 135-146.	1.2	11

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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> , 2015, 397, 175-187.	3.7	11
20	Season-dependent and independent responses of Mediterranean scrub to light conditions. <i>Plant Physiology and Biochemistry</i> , 2016, 102, 80-91.	5.8	11
21	The vertical structure of mediterranean scrub in DoÑ±ana national park (SW Spain). <i>Folia Geobotanica Et Phytotaxonomica</i> , 1987, 22, 415-433.	0.4	9
22	Pentacyclic triterpenes responsible for photoprotection of <i>Corema album</i> (L.) D.Don white berries. <i>Biochemical Systematics and Ecology</i> , 2016, 67, 103-109.	1.3	8
23	Do leaf traits and nitrogen supply affect decomposability rates of three Mediterranean species growing under different competition levels?. <i>Pedobiologia</i> , 2013, 56, 113-119.	1.2	7
24	Gender-related traits in the dioecious shrub <i>Empetrum rubrum</i> in two plant communities in the Magellanic steppe. <i>Acta Oecologica</i> , 2014, 60, 40-48.	1.1	7
25	The role of water use and uptake on two Mediterranean shrubs' interaction in a brackish coastal dune ecosystem. <i>Ecohydrology</i> , 2014, 7, 783-793.	2.4	6
26	Competitive effect of a native-invasive species on a threatened shrub in a Mediterranean dune system. <i>Oecologia</i> , 2015, 177, 133-146.	2.0	5
27	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> , 2018, 155, 609-618.	4.2	5
28	Some Secrets of <i>Argania spinosa</i> Water Economy in a Semiarid Climate. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.5	4
29	Morpho-physiological response of <i>Retama monosperma</i> to extreme salinity levels. <i>Ecohydrology</i> , 2017, 10, e1871.	2.4	3
30	Different tolerance to salinity of two populations of <i>Oenothera drummondii</i> with contrasted biogeographical origin. <i>Plant Physiology and Biochemistry</i> , 2021, 162, 336-348.	5.8	2
31	Climatic Conditions and Herbivory Effects on Morphological Plasticity of <i>Argania spinosa</i> . <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.5	1
32	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> , 2017, 12, 1934578X1701200.	0.5	1