

Mari Cruz Diaz-Barradas

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

616
citations

687220

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docs citations

32
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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.	1.4	60
2	Multiscale control of vegetation patterns: the case of Doñana (SW Spain). <i>Landscape Ecology</i> , 2005, 20, 51-61.	1.9	55
3	Seasonal physiological plasticity and recovery capacity after summer stress in Mediterranean scrub communities. <i>Plant Ecology</i> , 2011, 212, 127-142.	0.7	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.	1.8	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.	1.8	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.	1.9	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.	2.4	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.	2.6	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.	1.1	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.	1.8	24
11	Contrasting plant water-use responses to groundwater depth in coastal dune ecosystems. <i>Functional Ecology</i> , 2018, 32, 1931-1943.	1.7	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.	0.4	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.	1.1	21
14	How do Mediterranean shrub species cope with shade? Ecophysiological response to different light intensities. <i>Plant Biology</i> , 2018, 20, 296-306.	1.8	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.	2.8	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.	0.2	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.	2.8	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.	0.7	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.	1.8	11
20	Season-dependent and independent responses of Mediterranean scrub to light conditions. <i>Plant Physiology and Biochemistry</i> , 2016, 102, 80-91.	2.8	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.	0.6	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.	0.5	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.	0.5	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.	1.1	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.	0.9	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.	2.0	5
28	Some Secrets of <i>Argania spinosa</i> Water Economy in a Semiarid Climate. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.2	4
29	Morpho-physiological response of <i>Retama monosperma</i> to extreme salinity levels. <i>Ecohydrology</i> , 2017, 10, e1871.	1.1	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.	2.8	2
31	Climatic Conditions and Herbivory Effects on Morphological Plasticity of <i>Argania spinosa</i> . <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.2	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.	0.2	1