

Mara Zunzunegui

List of Publications by Citations

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

53 papers	892 citations	18 h-index	28 g-index
56 ext. papers	1,013 ext. citations	3.1 avg, IF	4.03 L-index

#	Paper	IF	Citations
53	Comparison of proline accumulation in two mediterranean shrubs subjected to natural and experimental water deficit. <i>Plant and Soil</i> , 2001 , 230, 175-183	4.2	89
52	Plant functional types and ecosystem function in Mediterranean shrubland. <i>Journal of Vegetation Science</i> , 1999 , 10, 709-716	3.1	64
51	Fitting complex ecological point process models with integrated nested Laplace approximation. <i>Methods in Ecology and Evolution</i> , 2013 , 4, 305-315	7.7	53
50	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, 989-98	4.1	51
49	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	4.2	45
48	Seasonal physiological plasticity and recovery capacity after summer stress in Mediterranean scrub communities. <i>Plant Ecology</i> , 2011 , 212, 127-142	1.7	42
47	Ecophysiology, growth timing and reproductive effort of three sexual forms of <i>Corema album</i> (Empetraceae). <i>Plant Ecology</i> , 2006 , 183, 35-46	1.7	33
46	The relevance of preserving temporary ponds during drought: hydrological and vegetation changes over a 16-year period in the Doñana National Park (south-west Spain). <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2008 , 18, 261-279	2.6	32
45	Seasonal physiological responses of <i>Argania spinosa</i> tree from Mediterranean to semi-arid climate. <i>Plant and Soil</i> , 2010 , 337, 217-231	4.2	31
44	Vegetation fluctuation in mediterranean dune ponds in relation to rainfall variation and water extraction. <i>Applied Vegetation Science</i> , 1998 , 1, 151-160	3.3	27
43	Physiological, morphological and allocation plasticity of a semi-deciduous shrub. <i>Acta Oecologica</i> , 2009 , 35, 370-379	1.7	25
42	Reliance on deep soil water in the tree species <i>Argania spinosa</i> . <i>Tree Physiology</i> , 2018 , 38, 678-689	4.2	22
41	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	4.6	22
40	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	5.9	20
39	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	3.2	20
38	Different phenotypic response of <i>Halimium halimifolium</i> in relation to groundwater availability. <i>Plant Ecology</i> , 2000 , 148, 165-174	1.7	19
37	Interspecific competition and livestock disturbance control the spatial patterns of two coastal dune shrubs. <i>Plant and Soil</i> , 2012 , 354, 299-309	4.2	18

36	Seasonal Differences in Photochemical Efficiency and Chlorophyll and Carotenoid Contents in Six Mediterranean Shrub Species under Field Conditions. <i>Photosynthetica</i> , 2004 , 42, 399-407	2.2	18
35	Autecological traits of <i>Halimium halimifolium</i> in contrasting habitats under a Mediterranean type climate: A review. <i>Folia Geobotanica</i> , 1999 , 34, 189-208	1.4	18
34	Gender-specific variation in physiology in the dioecious shrub <i>Corema album</i> throughout its distributional range. <i>Functional Plant Biology</i> , 2012 , 39, 968-978	2.7	17
33	Seasonal Changes in Photochemical Efficiency in Leaves of <i>Halimium Halimifolium</i> , a Mediterranean Semideciduous Shrub. <i>Photosynthetica</i> , 1999 , 37, 17	2.2	17
32	Vertical structure of wet grasslands under grazed and non-grazed conditions in Tierra del Fuego. <i>Journal of Vegetation Science</i> , 2001 , 12, 385-390	3.1	15
31	Contrasting plant water-use responses to groundwater depth in coastal dune ecosystems. <i>Functional Ecology</i> , 2018 , 32, 1931-1943	5.6	14
30	Groundwater drawdown drives ecophysiological adjustments of woody vegetation in a semi-arid coastal ecosystem. <i>Global Change Biology</i> , 2018 , 24, 4894-4908	11.4	14
29	The impact on plant communities of an invasive alien herb, <i>Oenothera drummondii</i> , varies along the beach-coastal dune gradient. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2019 , 260, 151466	1.9	13
28	Fruit production under different environmental and management conditions of argan, <i>Argania spinosa</i> (L.). <i>Journal of Arid Environments</i> , 2010 , 74, 1138-1145	2.5	13
27	Water source partitioning among plant functional types in a semi-arid dune ecosystem. <i>Journal of Vegetation Science</i> , 2018 , 29, 671-683	3.1	13
26	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	4.2	10
25	Growth response of <i>Halimium halimifolium</i> at four sites with different soil water availability regimes in two contrasted hydrological cycles. <i>Plant and Soil</i> , 2002 , 247, 271-281	4.2	10
24	How do Mediterranean shrub species cope with shade? Ecophysiological response to different light intensities. <i>Plant Biology</i> , 2018 , 20, 296-306	3.7	10
23	Season-dependent and independent responses of Mediterranean scrub to light conditions. <i>Plant Physiology and Biochemistry</i> , 2016 , 102, 80-91	5.4	9
22	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	2.1	9
21	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	5.4	8
20	Multiple seed dispersal modes of an invasive plant species on coastal dunes. <i>Biological Invasions</i> , 2021 , 23, 111-127	2.7	8
19	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	5.4	7

18	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	1.4	7
17	The role of water use and uptake on two Mediterranean shrubsXinteraction in a brackish coastal dune ecosystem. <i>Ecohydrology</i> , 2014 , 7, 783-793	2.5	6
16	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	1.7	6
15	Changes in the canopy structure of the Mediterranean shrub <i>Lavandula stoechas</i> after disturbance. <i>Journal of Vegetation Science</i> , 1999 , 10, 449-456	3.1	6
14	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	1.7	5
13	Some secrets of <i>Argania spinosa</i> water economy in a semiarid climate. <i>Natural Product Communications</i> , 2013 , 8, 11-4	0.9	5
12	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	5.9	4
11	Competitive effect of a native-invasive species on a threatened shrub in a Mediterranean dune system. <i>Oecologia</i> , 2015 , 177, 133-46	2.9	4
10	Growth of <i>Halimium halimifolium</i> under simulated and natural browsing in the Doñana National Park (SW Spain). <i>Journal of Vegetation Science</i> , 1996 , 7, 609-614	3.1	4
9	Morpho-physiological response of <i>Retama monosperma</i> to extreme salinity levels. <i>Ecohydrology</i> , 2017 , 10, e1871	2.5	2
8	Recovery of Beach-Foredune Vegetation after Disturbance by Storms. <i>Journal of Coastal Research</i> , 2020 , 95, 34	0.6	2
7	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	0.9	1
6	Some Secrets of <i>Argania spinosa</i> Water Economy in a Semiarid Climate. <i>Natural Product Communications</i> , 2013 , 8, 1934578X1300800	0.9	1
5	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	5.4	1
4	Germination success and seedling development of <i>Argania spinosa</i> under different climatic conditions and browsing intensity. <i>Natural Product Communications</i> , 2013 , 8, 15-20	0.9	1
3	Climatic Conditions and Herbivory Effects on Morphological Plasticity of <i>Argania spinosa</i> . <i>Natural Product Communications</i> , 2013 , 8, 1934578X1300800	0.9	0
2	Germination Success and Seedling Development of <i>Argania spinosa</i> under Different Climatic Conditions and Browsing Intensity. <i>Natural Product Communications</i> , 2013 , 8, 1934578X1300800	0.9	
1	Spatial and seasonal patterns of water use in Mediterranean coastal dune vegetation. <i>Plant and Soil</i> , 1996 , 181, 1-10	4.2	

