RubÃ©n Retuerto

List of Publications by Year
in descending order

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Version: 2024-02-01

55 papers	1,696 citations	279701 23 h-index	289141 40 g-index
56 all docs	56 docs citations	56 times ranked	1756 citing authors

#	Article	IF	Citations
1	Current and historical factors drive variation of reproductive traits in unisexual mosses in Europe: A case study. Journal of Systematics and Evolution, 2023, 61, 213-226.	1.6	3
2	A test of native plant adaptation more than one century after introduction of the invasive Carpobrotus edulis to the NW Iberian Peninsula. Bmc Ecology and Evolution, 2021, 21, 69.	0.7	0
3	Functional responses to climate change may increase invasive potential of Carpobrotus edulis. American Journal of Botany, 2021, 108, 1902-1916.	0.8	7
4	Potential distribution and population dynamics of Pulvinariella mesembryanthemi, a promising biocontrol agent of the invasive plant species Carpobrotus edulis and C. aff. acinaciformis. Entomologia Generalis, 2020, 40, 173-185.	1.1	3
5	Ecophysiological differentiation between two invasive species ofCarpobrotuscompeting under different nutrient conditions. American Journal of Botany, 2019, 106, 1454-1465.	0.8	8
6	Domestication influences morphological and physiological responses to salinity in Brassica oleracea seedlings. AoB PLANTS, 2019, 11, plz046.	1.2	9
7	Effects of the fungus Sclerotinia sclerotiorum and the scale insect Pulvinariella mesembryanthemi on the ice plant Carpobrotus edulis from native and non-native areas: evaluation of the biocontrol potential. Biological Invasions, 2019, 21, 2159-2176.	1.2	4
8	Monographs of invasive plants in Europe:Carpobrotus. Botany Letters, 2018, 165, 440-475.	0.7	78
9	Evergreen or deciduous trees for capturing PAHs from ambient air? A case study. Environmental Pollution, 2017, 221, 276-284.	3.7	29
10	Division of Labor Brings Greater Benefits to Clones of Carpobrotus edulis in the Non-native Range: Evidence for Rapid Adaptive Evolution. Frontiers in Plant Science, 2016, 7, 349.	1.7	45
11	Effects of fragmentation and seawater submergence on photochemical efficiency and growth in the clonal invader Carpobrotus edulis. Flora: Morphology, Distribution, Functional Ecology of Plants, 2016, 225, 45-51.	0.6	23
12	Resource-sharing strategies in ecotypes of the invasive clonal plantCarpobrotus edulis: specialization for abundance or scarcity of resources. Journal of Plant Ecology, 2016, , rtw073.	1.2	3
13	Master of one trade:Arbutus unedorelies on plasticity to persist under habitats differing in water availability. Journal of Plant Ecology, 2016, , rtw095.	1.2	1
14	Sexual dimorphism in water and nitrogen use strategies inHonckenya peploides: timing matters. Journal of Plant Ecology, 2016, , rtw072.	1.2	1
15	Phylogeography of a widespread species: pre-glacial vicariance, refugia, occasional blocking straits and long-distance migrations. AoB PLANTS, 2016, 8, .	1.2	16
16	Sex and heavy metals: Study of sexual dimorphism in response to soil pollution. Environmental and Experimental Botany, 2016, 126, 68-75.	2.0	9
17	Low among-provenance differences in structural and functional plasticity in response to nutrients in saplings of the circum-Mediterranean treeArbutus unedoL.. Tree Physiology, 2015, 35, 1118-1128.	1.4	11
18	A multi-faceted approach for assessing evolutionary significant conservation units in the endangered Omphalodes littoralis subsp. gallaecica (Boraginaceae). Perspectives in Plant Ecology, Evolution and Systematics, 2015, 17, 54-65.	1.1	9

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19	Patterns of genetic variation within and among populations in Arbutus unedo and its relation with selection and evolvability. Perspectives in Plant Ecology, Evolution and Systematics, 2015, 17, 185-192.	1.1	16
20	Population Structure of a Widespread Species under Balancing Selection: The Case of Arbutus unedo L.. Frontiers in Plant Science, 2015, 6, 1264.	1.7	30
21	Together but different: co-occurring dune plant species differ in their water- and nitrogen-use strategies. Oecologia, 2014, 174, 651-663.	0.9	27
22	Adaptive plasticity to heterogeneous environments increases capacity for division of labor in the clonal invader Carpobrotus edulis (Aizoaceae). American Journal of Botany, 2014, 101, 1301-1308.	0.8	45
23	Physiological integration modifies Î´15N in the clonal plant Fragaria vesca, suggesting preferential transport of nitrogen to water-stressed offspring. Annals of Botany, 2014, 114, 399-411.	1.4	60
24	A sunny day at the beach: Ecophysiological assessment of the photosynthetic adaptability of coastal dune perennial herbs by chlorophyll fluorescence parameters. Photosynthetica, 2014, 52, 444-455.	0.9	4
25	Heterogeneous distribution of soil nutrients increase intra-specific competition in the clonal plant Glechoma hederacea. Plant Ecology, 2014, 215, 863-873.	0.7	27
26	Understanding the role of clonal integration in biological invasions. Ecosistemas, 2014, 24, 76-83.	0.2	6
27	Developmentally-programmed division of labour in the clonal invader Carpobrotus edulis. Biological Invasions, 2013, 15, 1895-1905.	1.2	45
28	Physiological and Growth Responses of Transplants of the Moss Pseudoscleropodium purum to Atmospheric Pollutants. Water, Air, and Soil Pollution, 2013, 224, 1.	1.1	232
29	Living the difference: alternative functional designs in five perennial herbs coexisting in a coastal dune environment. Functional Plant Biology, 2013, 40, 1187.	1.1	15
30	Soil water content and patterns of allocation to below- and above-ground biomass in the sexes of the subdioecious plant Honckenya peploides. Annals of Botany, 2012, 110, 839-848.	1.4	22
31	Clonal integration in Fragaria vesca growing in metalâ€polluted soils: parents face penalties for establishing their offspring in unsuitable environments. Ecological Research, 2012, 27, 95-106.	0.7	48
32	Response of the sexes of the subdioecious plant Honckenya peploides to nutrients under different salt spray conditions. Ecological Research, 2012, 27, 163-171.	0.7	14
33	Reproduction reduces photosynthetic capacity in females of the subdioecious Honckenya peploides. Acta Oecologica, 2011, 37, 155-163.	0.5	12
34	Unexpectedly high genetic variation in large unisexual clumps of the subdioecious plant Honckenya peploides (Caryophyllaceae). Plant Biology, 2010, 12, 518-525.	1.8	14
35	Sexâ€specific physiological, allocation and growth responses to water availability in the subdioecious plant Honckenya peploides. Plant Biology, 2009, 11, 243-254.	1.8	21
36	Quercus ilex Shows Significant Amongâ€Population Variability in Functional and Growth Traits but Maintains Invariant Scaling Relations in Biomass Allocation. International Journal of Plant Sciences, 2007, 168, 973-983.	0.6	23

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37	Responses of the clonal Fragaria vesca to microtopographic heterogeneity under different water and light conditions. Environmental and Experimental Botany, 2007, 61, 1-9.	2.0	60
38	Changes in Photochemical Efficiency in Response to Herbivory and Experimental Defoliation in the Dioecious Tree Ilex aquifolium. International Journal of Plant Sciences, 2006, 167, 279-289.	0.6	25
39	Physiological integration ameliorates effects of serpentine soils in the clonal herb Fragaria vesca. Physiologia Plantarum, 2006, 128, 662-676.	2.6	68
40	Small-scale Heterogeneity in Soil Quality Influences Photosynthetic Efficiency and Habitat Selection in a Clonal Plant. Annals of Botany, 2006, 98, 1043-1052.	1.4	78
41	Development, photosynthetic activity and habitat selection of the clonal plant Fragaria vesca growing in copper-polluted soil. Functional Plant Biology, 2006, 33, 961.	1.1	27
42	Presence of Developing Ramets of Fragaria vesca L. Increases Photochemical Efficiency in Parent Ramets. International Journal of Plant Sciences, 2005, 166, 795-803.	0.6	39
43	Increased photosynthetic performance in holly trees infested by scale insects. Functional Ecology, 2004, 18, 664-669.	1.7	79
44	Estimating plant responses to climate by direct gradient analysis and geographic distribution analysis. Plant Ecology, 2004, 170, 185-202.	0.7	21
45	Compensatory Responses in Growth and Fecundity Traits of Sinapis alba L. Following Release from Wind and Density Stress. International Journal of Plant Sciences, 2001, 162, 171-179.	0.6	13
46	Gender, light and water effects in carbon isotope discrimination, and growth rates in the dioecious tree Ilex aquifolium. Functional Ecology, 2000, 14, 529-537.	1.7	78
47	Sex ratios, size distributions, and sexual dimorphism in the dioecious tree Ilex aquifolium (Aquifoliaceae). American Journal of Botany, 1998, 85, 1602-1608.	0.8	92
48	D665/D665a INDEX VS. FREQUENCIES AS INDICATORS OF BRYOPHYTERESPONSE TO PHYSICOCHEMICAL GRADIENTS. Ecology, 1997, 78, 261-271.	1.5	24
49	The influence of plant density on the responses of Sinapis alba to CO2 and windspeed. Oecologia, 1996, 108, 241-251.	0.9	21
50	The influences of increased CO2 and water supply on growth, biomass allocation and water use efficiency of Sinapis alba L. grown under different wind speeds. Oecologia, 1993, 94, 415-427.	0.9	41
51	Effects of windspeed on the growth and biomass allocation of white mustard Sinapis alba L.. Oecologia, 1992, 92, 113-123.	0.9	34
52	Use of direct gradient analysis to study the climate-vegetation relationships in Galicia, Spain. Plant Ecology, 1992, 101, 183-194.	1.2	10
53	Defining phytoclimatic units in Galicia, Spain, by means of multivariate methods. Journal of Vegetation Science, 1991, 2, 699-710.	1.1	20
54	Phytoecological importance, mutual redundancy and phytological threshold values of certain climatic factors. Plant Ecology, 1990, 90, 47-62.	1.2	14

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55	Epigenetic and Phenotypic Responses to Experimental Climate Change of Native and Invasive Carpobrotus edulis. Frontiers in Plant Science, 0, 13, .	1.7	6