

# RubÃ©n Retuerto

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,696  
citations

279798

23  
h-index

289244

40  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1756  
citing authors

#	ARTICLE	IF	CITATIONS
1	Physiological and Growth Responses of Transplants of the Moss <i>Pseudoscleropodium purum</i> to Atmospheric Pollutants. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	2.4	232
2	Sex ratios, size distributions, and sexual dimorphism in the dioecious tree <i>Ilex aquifolium</i> (Aquifoliaceae). <i>American Journal of Botany</i> , 1998, 85, 1602-1608.	1.7	92
3	Increased photosynthetic performance in holly trees infested by scale insects. <i>Functional Ecology</i> , 2004, 18, 664-669.	3.6	79
4	Gender, light and water effects in carbon isotope discrimination, and growth rates in the dioecious tree <i>Ilex aquifolium</i> . <i>Functional Ecology</i> , 2000, 14, 529-537.	3.6	78
5	Small-scale Heterogeneity in Soil Quality Influences Photosynthetic Efficiency and Habitat Selection in a Clonal Plant. <i>Annals of Botany</i> , 2006, 98, 1043-1052.	2.9	78
6	Monographs of invasive plants in Europe: <i>Carpobrotus</i> . <i>Botany Letters</i> , 2018, 165, 440-475.	1.4	78
7	Physiological integration ameliorates effects of serpentine soils in the clonal herb <i>Fragaria vesca</i> . <i>Physiologia Plantarum</i> , 2006, 128, 662-676.	5.2	68
8	Responses of the clonal <i>Fragaria vesca</i> to microtopographic heterogeneity under different water and light conditions. <i>Environmental and Experimental Botany</i> , 2007, 61, 1-9.	4.2	60
9	Physiological integration modifies $\delta^{15}\text{N}$ in the clonal plant <i>Fragaria vesca</i> , suggesting preferential transport of nitrogen to water-stressed offspring. <i>Annals of Botany</i> , 2014, 114, 399-411.	2.9	60
10	Clonal integration in <i>Fragaria vesca</i> growing in metal-polluted soils: parents face penalties for establishing their offspring in unsuitable environments. <i>Ecological Research</i> , 2012, 27, 95-106.	1.5	48
11	Developmentally-programmed division of labour in the clonal invader <i>Carpobrotus edulis</i> . <i>Biological Invasions</i> , 2013, 15, 1895-1905.	2.4	45
12	Adaptive plasticity to heterogeneous environments increases capacity for division of labor in the clonal invader <i>Carpobrotus edulis</i> (Aizoaceae). <i>American Journal of Botany</i> , 2014, 101, 1301-1308.	1.7	45
13	Division of Labor Brings Greater Benefits to Clones of <i>Carpobrotus edulis</i> in the Non-native Range: Evidence for Rapid Adaptive Evolution. <i>Frontiers in Plant Science</i> , 2016, 7, 349.	3.6	45
14	The influences of increased CO <sub>2</sub> and water supply on growth, biomass allocation and water use efficiency of <i>Sinapis alba</i> L. grown under different wind speeds. <i>Oecologia</i> , 1993, 94, 415-427.	2.0	41
15	Presence of Developing Ramets of <i>Fragaria vesca</i> L. Increases Photochemical Efficiency in Parent Ramets. <i>International Journal of Plant Sciences</i> , 2005, 166, 795-803.	1.3	39
16	Effects of windspeed on the growth and biomass allocation of white mustard <i>Sinapis alba</i> L.. <i>Oecologia</i> , 1992, 92, 113-123.	2.0	34
17	Population Structure of a Widespread Species under Balancing Selection: The Case of <i>Arbutus unedo</i> L.. <i>Frontiers in Plant Science</i> , 2015, 6, 1264.	3.6	30
18	Evergreen or deciduous trees for capturing PAHs from ambient air? A case study. <i>Environmental Pollution</i> , 2017, 221, 276-284.	7.5	29

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19	Development, photosynthetic activity and habitat selection of the clonal plant <i>Fragaria vesca</i> growing in copper-polluted soil. <i>Functional Plant Biology</i> , 2006, 33, 961.	2.1	27
20	Together but different: co-occurring dune plant species differ in their water- and nitrogen-use strategies. <i>Oecologia</i> , 2014, 174, 651-663.	2.0	27
21	Heterogeneous distribution of soil nutrients increase intra-specific competition in the clonal plant <i>Glechoma hederacea</i> . <i>Plant Ecology</i> , 2014, 215, 863-873.	1.6	27
22	Changes in Photochemical Efficiency in Response to Herbivory and Experimental Defoliation in the Dioecious Tree <i>Ilex aquifolium</i> . <i>International Journal of Plant Sciences</i> , 2006, 167, 279-289.	1.3	25
23	D665/D665a INDEX VS. FREQUENCIES AS INDICATORS OF BRYOPHYTERESPONSE TO PHYSICOCHEMICAL GRADIENTS. <i>Ecology</i> , 1997, 78, 261-271.	3.2	24
24	<i>Quercus ilex</i> Shows Significant Among-Population Variability in Functional and Growth Traits but Maintains Invariant Scaling Relations in Biomass Allocation. <i>International Journal of Plant Sciences</i> , 2007, 168, 973-983.	1.3	23
25	Effects of fragmentation and seawater submergence on photochemical efficiency and growth in the clonal invader <i>Carpobrotus edulis</i> . <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2016, 225, 45-51.	1.2	23
26	Soil water content and patterns of allocation to below- and above-ground biomass in the sexes of the subdioecious plant <i>Honckenya peploides</i> . <i>Annals of Botany</i> , 2012, 110, 839-848.	2.9	22
27	The influence of plant density on the responses of <i>Sinapis alba</i> to CO <sub>2</sub> and windspeed. <i>Oecologia</i> , 1996, 108, 241-251.	2.0	21
28	Estimating plant responses to climate by direct gradient analysis and geographic distribution analysis. <i>Plant Ecology</i> , 2004, 170, 185-202.	1.6	21
29	Sex-specific physiological, allocation and growth responses to water availability in the subdioecious plant <i>Honckenya peploides</i> . <i>Plant Biology</i> , 2009, 11, 243-254.	3.8	21
30	Defining phytoclimatic units in Galicia, Spain, by means of multivariate methods. <i>Journal of Vegetation Science</i> , 1991, 2, 699-710.	2.2	20
31	Patterns of genetic variation within and among populations in <i>Arbutus unedo</i> and its relation with selection and evolvability. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2015, 17, 185-192.	2.7	16
32	Phylogeography of a widespread species: pre-glacial vicariance, refugia, occasional blocking straits and long-distance migrations. <i>AoB PLANTS</i> , 2016, 8, .	2.3	16
33	Living the difference: alternative functional designs in five perennial herbs coexisting in a coastal dune environment. <i>Functional Plant Biology</i> , 2013, 40, 1187.	2.1	15
34	Phytoecological importance, mutual redundancy and phytological threshold values of certain climatic factors. <i>Plant Ecology</i> , 1990, 90, 47-62.	1.2	14
35	Unexpectedly high genetic variation in large unisexual clumps of the subdioecious plant <i>Honckenya peploides</i> (Caryophyllaceae). <i>Plant Biology</i> , 2010, 12, 518-525.	3.8	14
36	Response of the sexes of the subdioecious plant <i>Honckenya peploides</i> to nutrients under different salt spray conditions. <i>Ecological Research</i> , 2012, 27, 163-171.	1.5	14

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37	Compensatory Responses in Growth and Fecundity Traits of <i>Sinapis alba</i> L. Following Release from Wind and Density Stress. <i>International Journal of Plant Sciences</i> , 2001, 162, 171-179.	1.3	13
38	Reproduction reduces photosynthetic capacity in females of the subdioecious <i>Honckenya peploides</i> . <i>Acta Oecologica</i> , 2011, 37, 155-163.	1.1	12
39	Low among-provenance differences in structural and functional plasticity in response to nutrients in saplings of the circum-Mediterranean tree <i>Arbutus unedo</i> L.. <i>Tree Physiology</i> , 2015, 35, 1118-1128.	3.1	11
40	Use of direct gradient analysis to study the climate-vegetation relationships in Galicia, Spain. <i>Plant Ecology</i> , 1992, 101, 183-194.	1.2	10
41	A multi-faceted approach for assessing evolutionary significant conservation units in the endangered <i>Omphalodes littoralis</i> subsp. <i>gallaecica</i> (Boraginaceae). <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2015, 17, 54-65.	2.7	9
42	Sex and heavy metals: Study of sexual dimorphism in response to soil pollution. <i>Environmental and Experimental Botany</i> , 2016, 126, 68-75.	4.2	9
43	Domestication influences morphological and physiological responses to salinity in <i>Brassica oleracea</i> seedlings. <i>AoB PLANTS</i> , 2019, 11, plz046.	2.3	9
44	Ecophysiological differentiation between two invasive species of <i>Carpobrotus</i> competing under different nutrient conditions. <i>American Journal of Botany</i> , 2019, 106, 1454-1465.	1.7	8
45	Functional responses to climate change may increase invasive potential of <i>Carpobrotus edulis</i> . <i>American Journal of Botany</i> , 2021, 108, 1902-1916.	1.7	7
46	Understanding the role of clonal integration in biological invasions. <i>Ecosistemas</i> , 2014, 24, 76-83.	0.4	6
47	Epigenetic and Phenotypic Responses to Experimental Climate Change of Native and Invasive <i>Carpobrotus edulis</i> . <i>Frontiers in Plant Science</i> , 0, 13, .	3.6	6
48	A sunny day at the beach: Ecophysiological assessment of the photosynthetic adaptability of coastal dune perennial herbs by chlorophyll fluorescence parameters. <i>Photosynthetica</i> , 2014, 52, 444-455.	1.7	4
49	Effects of the fungus <i>Sclerotinia sclerotiorum</i> and the scale insect <i>Pulvinariella mesembryanthemi</i> on the ice plant <i>Carpobrotus edulis</i> from native and non-native areas: evaluation of the biocontrol potential. <i>Biological Invasions</i> , 2019, 21, 2159-2176.	2.4	4
50	Resource-sharing strategies in ecotypes of the invasive clonal plant <i>Carpobrotus edulis</i> : specialization for abundance or scarcity of resources. <i>Journal of Plant Ecology</i> , 2016, , rtw073.	2.3	3
51	Potential distribution and population dynamics of <i>Pulvinariella mesembryanthemi</i> , a promising biocontrol agent of the invasive plant species <i>Carpobrotus edulis</i> and <i>C. aff. acinaciformis</i> . <i>Entomologia Generalis</i> , 2020, 40, 173-185.	3.1	3
52	Current and historical factors drive variation of reproductive traits in unisexual mosses in Europe: A case study. <i>Journal of Systematics and Evolution</i> , 2023, 61, 213-226.	3.1	3
53	Master of one trade: <i>Arbutus unedo</i> relies on plasticity to persist under habitats differing in water availability. <i>Journal of Plant Ecology</i> , 2016, , rtw095.	2.3	1
54	Sexual dimorphism in water and nitrogen use strategies in <i>Honckenya peploides</i> : timing matters. <i>Journal of Plant Ecology</i> , 2016, , rtw072.	2.3	1

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55	A test of native plant adaptation more than one century after introduction of the invasive <i>Carpobrotus edulis</i> to the NW Iberian Peninsula. <i>Bmc Ecology and Evolution</i> , 2021, 21, 69.	1.6	0