

Fernando Valladares

List of Publications by Year in descending order

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Version: 2024-02-01

273
papers

26,596
citations

9264

74
h-index

7348

152
g-index

280
all docs

280
docs citations

280
times ranked

25072
citing authors

#	ARTICLE	IF	CITATIONS
1	Recruitment facilitation in expanding forests of Mediterranean juniper is sex-biased. <i>Forest Ecology and Management</i> , 2022, 505, 119937.	3.2	2
2	The 2018 European heatwave led to stem dehydration but not to consistent growth reductions in forests. <i>Nature Communications</i> , 2022, 13, 28.	12.8	66
3	Phenotypic plasticity and the leaf economics spectrum: plasticity is positively associated with specific leaf area. <i>Oikos</i> , 2022, 2022, .	2.7	9
4	Unravelling the effect of species mixing on water use and drought stress in Mediterranean forests: A modelling approach. <i>Agricultural and Forest Meteorology</i> , 2021, 296, 108233.	4.8	30
5	Diversity of growth responses to recent droughts reveals the capacity of Atlantic Forest trees to cope well with current climatic variability. <i>Forest Ecology and Management</i> , 2021, 480, 118656.	3.2	9
6	Global root traits (GRooT) database. <i>Global Ecology and Biogeography</i> , 2021, 30, 25-37.	5.8	90
7	The GenTree Leaf Collection: Inter- and intraspecific leaf variation in seven forest tree species in Europe. <i>Global Ecology and Biogeography</i> , 2021, 30, 590-597.	5.8	11
8	Future paths for the "exploitative segregation of plant roots" model. <i>Plant Signaling and Behavior</i> , 2021, 16, 1891755.	2.4	3
9	The GenTree Platform: growth traits and tree-level environmental data in 12 European forest tree species. <i>GigaScience</i> , 2021, 10, .	6.4	3
10	Land-use legacies influence tree water-use efficiency and nitrogen availability in recently established European forests. <i>Functional Ecology</i> , 2021, 35, 1325-1340.	3.6	7
11	Phenotypes of <i>Pinus sylvestris</i> are more coordinated under local harsher conditions across Europe. <i>Journal of Ecology</i> , 2021, 109, 2580-2596.	4.0	15
12	Global transpiration data from sap flow measurements: the SAPFLUXNET database. <i>Earth System Science Data</i> , 2021, 13, 2607-2649.	9.9	65
13	Global trends in phenotypic plasticity of plants. <i>Ecology Letters</i> , 2021, 24, 2267-2281.	6.4	80
14	Disentangling the role of sex dimorphism and forest structure as drivers of growth and wood density in expanding <i>Juniperus thurifera</i> L. woodlands. <i>Annals of Forest Science</i> , 2021, 78, 1.	2.0	5
15	Early positive biodiversity effects on total biomass in experimental tree seedling assemblages with and without water limitation. <i>Journal of Vegetation Science</i> , 2021, 32, e13096.	2.2	2
16	The GenTree Dendroecological Collection, tree-ring and wood density data from seven tree species across Europe. <i>Scientific Data</i> , 2020, 7, 1.	5.3	830
17	TRY plant trait database "enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
18	Species richness influences the spatial distribution of trees in European forests. <i>Oikos</i> , 2020, 129, 380-390.	2.7	9

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19	Both Mature Patches and Expanding Areas of <i>Juniperus thurifera</i> Forests Are Vulnerable to Climate Change But for Different Reasons. <i>Forests</i> , 2020, 11, 960.	2.1	9
20	Spontaneous forest regrowth in Southâ€West Europe: Consequences for nature's contributions to people. <i>People and Nature</i> , 2020, 2, 980-994.	3.7	22
21	The exploitative segregation of plant roots. <i>Science</i> , 2020, 370, 1197-1199.	12.6	70
22	Genetics to the rescue: managing forests sustainably in a changing world. <i>Tree Genetics and Genomes</i> , 2020, 16, 1.	1.6	11
23	Intraspecific variation in functional wood anatomy of tropical trees caused by effects of forest edge. <i>Forest Ecology and Management</i> , 2020, 473, 118305.	3.2	5
24	UV radiation increases phenolic compound protection but decreases reproduction in <i>Silene littorea</i> . <i>PLoS ONE</i> , 2020, 15, e0231611.	2.5	44
25	Functional distance is driven more strongly by environmental factors than by genetic relatedness in <i>Juniperus thurifera</i> L. expanding forest stands. <i>Annals of Forest Science</i> , 2020, 77, 1.	2.0	6
26	Intraspecific perspective of phenotypic coordination of functional traits in Scots pine. <i>PLoS ONE</i> , 2020, 15, e0228539.	2.5	15
27	Fire drives abandoned pastures to a savanna-like state in the Brazilian Atlantic Forest. <i>Perspectives in Ecology and Conservation</i> , 2020, 18, 31-36.	1.9	21
28	Fragmentation reduces severe drought impacts on tree functioning in holm oak forests. <i>Environmental and Experimental Botany</i> , 2020, 173, 104001.	4.2	5
29	Importance of overstorey attributes for understorey litter production and nutrient cycling in European forests. <i>Forest Ecosystems</i> , 2020, 7, 45.	3.1	5
30	Interactive effects of forest die-off and drying-rewetting cycles on C and N mineralization. <i>Geoderma</i> , 2019, 333, 81-89.	5.1	28
31	Seed size underlies the uncoupling in species composition between canopy and recruitment layers in European forests. <i>Forest Ecology and Management</i> , 2019, 449, 117471.	3.2	2
32	Responses of Aspen Leaves to Heatflecks: Both Damaging and Non-Damaging Rapid Temperature Excursions Reduce Photosynthesis. <i>Plants</i> , 2019, 8, 145.	3.5	20
33	Inferring plant functional diversity from space: the potential of Sentinel-2. <i>Remote Sensing of Environment</i> , 2019, 233, 111368.	11.0	56
34	Phenotypic plasticity closely linked to climate at origin and resulting in increased mortality under warming and frost stress in a common grass. <i>Ecology and Evolution</i> , 2019, 9, 1344-1352.	1.9	17
35	The functional trait space of tree species is influenced by the species richness of the canopy and the type of forest. <i>Oikos</i> , 2019, 128, 1435-1445.	2.7	26
36	Selfing and Drought-Stress Strategies Under Water Deficit for Two Herbaceous Species in the South American Andes. <i>Frontiers in Plant Science</i> , 2019, 10, 1595.	3.6	2

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37	Intraspecific trait variability of trees is related to canopy species richness in European forests. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2019, 36, 24-32.	2.7	18
38	Identifying the tree species compositions that maximize ecosystem functioning in European forests. <i>Journal of Applied Ecology</i> , 2019, 56, 733-744.	4.0	58
39	A major trade-off between structural and photosynthetic investments operative across plant and needle ages in three Mediterranean pines. <i>Tree Physiology</i> , 2018, 38, 543-557.	3.1	38
40	Structural controls on photosynthetic capacity through juvenile to adult transition and needle ageing in Mediterranean pines. <i>Functional Ecology</i> , 2018, 32, 1479-1491.	3.6	30
41	Soil legacies determine the resistance of an experimental plant-soil system to drought. <i>Catena</i> , 2018, 166, 271-278.	5.0	6
42	Tree vigour influences secondary growth but not responsiveness to climatic variability in Holm oak. <i>Dendrochronologia</i> , 2018, 49, 68-76.	2.2	12
43	Extreme droughts affecting Mediterranean tree species' growth and water-use efficiency: the importance of timing. <i>Tree Physiology</i> , 2018, 38, 1127-1137.	3.1	62
44	Continental mapping of forest ecosystem functions reveals a high but unrealised potential for forest multifunctionality. <i>Ecology Letters</i> , 2018, 21, 31-42.	6.4	74
45	Climatic factors shaping intraspecific leaf trait variation of a neotropical tree along a rainfall gradient. <i>PLoS ONE</i> , 2018, 13, e0208512.	2.5	40
46	Climate and soils together regulate photosynthetic carbon isotope discrimination within C_3 plants worldwide. <i>Global Ecology and Biogeography</i> , 2018, 27, 1056-1067.	5.8	85
47	Mediterranean trees coping with severe drought: Avoidance might not be safe. <i>Environmental and Experimental Botany</i> , 2018, 155, 529-540.	4.2	31
48	Local canopy diversity does not influence phenotypic expression and plasticity of tree seedlings exposed to different resource availabilities. <i>Environmental and Experimental Botany</i> , 2018, 156, 38-47.	4.2	11
49	Habitat fragmentation is linked to cascading effects on soil functioning and CO_2 emissions in Mediterranean holm-oak-forests. <i>PeerJ</i> , 2018, 6, e5857.	2.0	5
50	Phylogeny and the prediction of tree functional diversity across novel continental settings. <i>Global Ecology and Biogeography</i> , 2017, 26, 553-562.	5.8	31
51	Holm oak decline triggers changes in plant succession and microbial communities, with implications for ecosystem C and N cycling. <i>Plant and Soil</i> , 2017, 414, 247-263.	3.7	20
52	Conifer proportion explains fine root biomass more than tree species diversity and site factors in major European forest types. <i>Forest Ecology and Management</i> , 2017, 406, 330-350.	3.2	34
53	Biodiversity and ecosystem functioning relations in European forests depend on environmental context. <i>Ecology Letters</i> , 2017, 20, 1414-1426.	6.4	244
54	Recent Warming and Cooling in the Antarctic Peninsula Region has Rapid and Large Effects on Lichen Vegetation. <i>Scientific Reports</i> , 2017, 7, 5689.	3.3	61

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55	Population size, centerâ€periphery, and seed dispersersâ€™ effects on the genetic diversity and population structure of the Mediterranean relict shrub <i>Cneorum tricoccon</i> . <i>Ecology and Evolution</i> , 2017, 7, 7231-7242.	1.9	15
56	Mapping local and global variability in plant trait distributions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10937-E10946.	7.1	159
57	Global resource acquisition patterns of invasive and native plant species do not hold at the regional scale in Mediterranean type ecosystems. <i>Biological Invasions</i> , 2017, 19, 1143-1151.	2.4	15
58	Intraspecific leaf trait variability along a boreal-to-tropical community diversity gradient. <i>PLoS ONE</i> , 2017, 12, e0172495.	2.5	20
59	Light inhibition of foliar respiration in response to soil water availability and seasonal changes in temperature in Mediterranean holm oak (<i>Quercus ilex</i>) forest. <i>Functional Plant Biology</i> , 2017, 44, 1178.	2.1	11
60	Phylogenetic community structure reveals differences in plant community assembly of an oligotrophic white-sand ecosystem from the Brazilian Atlantic Forest. <i>Acta Botanica Brasilica</i> , 2017, 31, 531-538.	0.8	22
61	A Mechanistic View of the Capacity of Forests to Cope with Climate Change. <i>Managing Forest Ecosystems</i> , 2017, , 15-40.	0.9	6
62	Taxonomic and ecological relevance of the chlorophyll <i>a</i> fluorescence signature of tree species in mixed European forests. <i>New Phytologist</i> , 2016, 212, 51-65.	7.3	35
63	Predicting forest management effects on oakâ€™rodent mutualisms. <i>Oikos</i> , 2016, 125, 1445-1457.	2.7	24
64	Fungal disease incidence along tree diversity gradients depends on latitude in European forests. <i>Ecology and Evolution</i> , 2016, 6, 2426-2438.	1.9	40
65	Size Matters: Understanding the Conflict Faced by Large Flowers in Mediterranean Environments. <i>Botanical Review</i> , The, 2016, 82, 204-228.	3.9	29
66	Some positive effects of the fragmentation of holm oak forests: Attenuation of water stress and enhancement of acorn production. <i>Forest Ecology and Management</i> , 2016, 370, 22-30.	3.2	13
67	Determinants of functional connectivity of holm oak woodlands: Fragment size and mouse foraging behavior. <i>Forest Ecology and Management</i> , 2016, 368, 111-122.	3.2	8
68	Shedding light on shade: ecological perspectives of understorey plant life. <i>Plant Ecology and Diversity</i> , 2016, 9, 237-251.	2.4	181
69	Drivers of earthworm incidence and abundance across European forests. <i>Soil Biology and Biochemistry</i> , 2016, 99, 167-178.	8.8	53
70	Agricultural matrix affects differently the alpha and beta structural and functional diversity of soil microbial communities in a fragmented Mediterranean holm oak forest. <i>Soil Biology and Biochemistry</i> , 2016, 92, 79-90.	8.8	50
71	Contrasting growth and mortality responses to climate warming of two pine species in a continental Mediterranean ecosystem. <i>Forest Ecology and Management</i> , 2016, 363, 149-158.	3.2	41
72	Trait-based plant ecology: moving towards a unifying species coexistence theory. <i>Oecologia</i> , 2016, 180, 919-922.	2.0	38

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73	Biotic homogenization can decrease landscape-scale forest multifunctionality. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3557-3562.	7.1	196
74	Population differentiation in a Mediterranean relict shrub: the potential role of local adaptation for coping with climate change. Oecologia, 2016, 180, 1075-1090.	2.0	17
75	Recruitment patterns of four tree species along elevation gradients in Mediterranean mountains: Not only climate matters. Forest Ecology and Management, 2016, 360, 287-296.	3.2	32
76	Plant functional traits of dominant native and invasive species in mediterranean climate ecosystems. Ecology, 2016, 97, 75-83.	3.2	123
77	Effects of forest fragmentation on the oak-rodent mutualism. Oikos, 2015, 124, 1482-1491.	2.7	42
78	Plant Trait Variation along an Altitudinal Gradient in Mediterranean High Mountain Grasslands: Controlling the Species Turnover Effect. PLoS ONE, 2015, 10, e0118876.	2.5	77
79	Functional traits variation explains the distribution of <i>Aextoxicon punctatum</i> (Aextoxicaceae) in pronounced moisture gradients within fog-dependent forest fragments. Frontiers in Plant Science, 2015, 6, 511.	3.6	13
80	Species coexistence in a changing world. Frontiers in Plant Science, 2015, 6, 866.	3.6	132
81	Global variability in leaf respiration in relation to climate, plant functional types and leaf traits. New Phytologist, 2015, 206, 614-636.	7.3	350
82	Environmental heterogeneity leads to higher plasticity in dry-edge populations of a semi-arid Chilean shrub: insights into climate change responses. Journal of Ecology, 2015, 103, 338-350.	4.0	107
83	Crown traits of coniferous trees and their relation to shade tolerance can differ with leaf type: a biophysical demonstration using computed tomography scanning data. Frontiers in Plant Science, 2015, 6, 172.	3.6	17
84	Temperature-Limited Floral Longevity in the Large-Flowered Mediterranean Shrub <i>Cistus Ladanifer</i> (Cistaceae). International Journal of Plant Sciences, 2015, 176, 131-140.	1.3	22
85	Habitat Fragmentation can Modulate Drought Effects on the Plant-soil-microbial System in Mediterranean Holm Oak (<i>Quercus ilex</i>) Forests. Microbial Ecology, 2015, 69, 798-812.	2.8	27
86	Influence of species interactions on transpiration of Mediterranean tree species during a summer drought. European Journal of Forest Research, 2015, 134, 365-376.	2.5	35
87	BAAD: a Biomass And Allometry Database for woody plants. Ecology, 2015, 96, 1445-1445.	3.2	122
88	Survival vs. growth trade-off in early recruitment challenges global warming impacts on Mediterranean mountain trees. Perspectives in Plant Ecology, Evolution and Systematics, 2015, 17, 369-378.	2.7	27
89	Different intra- and interspecific facilitation mechanisms between two Mediterranean trees under a climate change scenario. Oecologia, 2015, 177, 159-169.	2.0	8
90	Pollinator-mediated phenotypic selection does not always modulate flower size and number in the large-flowered Mediterranean shrub <i>Cistus ladanifer</i> (Cistaceae). Botanical Journal of the Linnean Society, 2014, 176, 540-555.	1.6	12

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91	Growth and carbon isotopes of Mediterranean trees reveal contrasting responses to increased carbon dioxide and drought. <i>Oecologia</i> , 2014, 174, 307-317.	2.0	81
92	Leaf and stem physiological responses to summer and winter extremes of woody species across temperate ecosystems. <i>Oikos</i> , 2014, 123, 1281-1290.	2.7	25
93	Diverse guilds provide complementary dispersal services in a woodland expansion process after land abandonment. <i>Journal of Applied Ecology</i> , 2014, 51, 1701-1711.	4.0	68
94	The colonization of abandoned land by Spanish juniper: Linking biotic and abiotic factors at different spatial scales. <i>Forest Ecology and Management</i> , 2014, 329, 186-194.	3.2	11
95	Competition for light and water play contrasting roles in driving diversity-productivity relationships in Iberian forests. <i>Journal of Ecology</i> , 2014, 102, 1202-1213.	4.0	174
96	More than just drought: complexity of recruitment patterns in Mediterranean forests. <i>Oecologia</i> , 2014, 176, 997-1007.	2.0	26
97	The effects of phenotypic plasticity and local adaptation on forecasts of species range shifts under climate change. <i>Ecology Letters</i> , 2014, 17, 1351-1364.	6.4	802
98	Tree diversity does not always improve resistance of forest ecosystems to drought. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14812-14815.	7.1	228
99	Ecological and evolutionary responses of Mediterranean plants to global change. <i>Environmental and Experimental Botany</i> , 2014, 103, 53-67.	4.2	130
100	Disproportionate carbon and water maintenance costs of large corollas in hot Mediterranean ecosystems. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2014, 16, 83-92.	2.7	52
101	Differential impact of the most extreme drought event over the last half century on growth and sap flow in two coexisting Mediterranean trees. <i>Plant Ecology</i> , 2014, 215, 703-719.	1.6	32
102	Phenotypic correlates of potential range size and range filling in European trees. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2014, 16, 219-227.	2.7	39
103	Population variation and natural selection on leaf traits in cork oak throughout its distribution range. <i>Acta Oecologica</i> , 2014, 58, 49-56.	1.1	39
104	Global change and Mediterranean forests: current impacts and potential responses. , 2014, , 47-76.		37
105	Heat freezes niche evolution. <i>Ecology Letters</i> , 2013, 16, 1206-1219.	6.4	708
106	Large and abundant flowers increase indirect costs of corollas: a study of coflowering sympatric Mediterranean species of contrasting flower size. <i>Oecologia</i> , 2013, 173, 73-81.	2.0	21
107	Plasticity in reproduction and growth among 52 range-wide populations of a Mediterranean conifer: adaptive responses to environmental stress. <i>Journal of Evolutionary Biology</i> , 2013, 26, 1912-1924.	1.7	65
108	Spanish juniper gain expansion opportunities by counting on a functionally diverse dispersal assemblage community. <i>Ecology and Evolution</i> , 2013, 3, 3751-3763.	1.9	22

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109	A novel comparative research platform designed to determine the functional significance of tree species diversity in European forests. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2013, 15, 281-291.	2.7	179
110	Intensity and timing of warming and drought differentially affect growth patterns of co-occurring Mediterranean tree species. <i>European Journal of Forest Research</i> , 2013, 132, 469-480.	2.5	74
111	Changes in rainfall amount and frequency do not affect the outcome of the interaction between the shrub <i>Retama sphaerocarpa</i> and its neighbouring grasses in two semiarid communities. <i>Journal of Arid Environments</i> , 2013, 91, 104-112.	2.4	14
112	Disparity in elevational shifts of European trees in response to recent climate warming. <i>Global Change Biology</i> , 2013, 19, 2490-2499.	9.5	83
113	Plasticity influencing the light compensation point offsets the specialization for light niches across shrub species in a tropical forest understorey. <i>Journal of Ecology</i> , 2013, 101, 971-980.	4.0	42
114	Contrasting water strategies of two Mediterranean shrubs of limited distribution: uncertain future under a drier climate. <i>Tree Physiology</i> , 2013, 33, 1284-1295.	3.1	16
115	Dark Clouds over Spanish Science. <i>Science</i> , 2013, 340, 1292-1292.	12.6	6
116	Direct and Indirect Effects of Climate on Demography and Early Growth of <i>Pinus sylvestris</i> at the Rear Edge: Changing Roles of Biotic and Abiotic Factors. <i>PLoS ONE</i> , 2013, 8, e59824.	2.5	38
117	Phenotypic plasticity to light of two congeneric trees from contrasting habitats: Brazilian Atlantic Forest versus cerrado (savanna). <i>Plant Biology</i> , 2012, 14, 208-215.	3.8	46
118	Enhanced growth of <i>Juniperus thurifera</i> under a warmer climate is explained by a positive carbon gain under cold and drought. <i>Tree Physiology</i> , 2012, 32, 326-336.	3.1	78
119	Isolation and characterization of 10 microsatellite loci in <i>Cneorum tricoccon</i> (Cneoraceae), a Mediterranean relict plant. <i>American Journal of Botany</i> , 2012, 99, e307-e309.	1.7	2
120	Norway maple displays greater seasonal growth and phenotypic plasticity to light than native sugar maple. <i>Tree Physiology</i> , 2012, 32, 1339-1347.	3.1	47
121	Long-term spatial pattern change in a semi-arid plant community: The role of climate and composition. <i>Acta Oecologica</i> , 2012, 45, 8-15.	1.1	4
122	Occurrence of the Non-Native Annual Bluegrass on the Antarctic Mainland and Its Negative Effects on Native Plants. <i>Conservation Biology</i> , 2012, 26, 717-723.	4.7	91
123	The relative importance for plant invasiveness of trait means, and their plasticity and integration in a multivariate framework. <i>New Phytologist</i> , 2012, 195, 912-922.	7.3	82
124	Understorey light predictions in mixed conifer mountain forests: Role of aspect-induced variation in crown geometry and openness. <i>Forest Ecology and Management</i> , 2012, 276, 52-61.	3.2	18
125	Species-specific water use by forest tree species: From the tree to the stand. <i>Agricultural Water Management</i> , 2012, 114, 67-77.	5.6	80
126	Fragmentation modulates the strong impact of habitat quality and plant cover on fertility and microbial activity of semiarid gypsum soils. <i>Plant and Soil</i> , 2012, 358, 213-223.	3.7	8

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127	Colonization of Abandoned Land by <i>Juniperus thurifera</i> Is Mediated by the Interaction of a Diverse Dispersal Assemblage and Environmental Heterogeneity. <i>PLoS ONE</i> , 2012, 7, e46993.	2.5	32
128	Non-linear effects of drought under shade: reconciling physiological and ecological models in plant communities. <i>Oecologia</i> , 2012, 169, 293-305.	2.0	139
129	Previous Land Use Alters the Effect of Climate Change and Facilitation on Expanding Woodlands of Spanish Juniper. <i>Ecosystems</i> , 2012, 15, 564-579.	3.4	26
130	The decreased competition in expanding versus mature juniper woodlands is counteracted by adverse climatic effects on growth. <i>European Journal of Forest Research</i> , 2012, 131, 977-987.	2.5	18
131	Light interception efficiency explained by two simple variables: a test using a diversity of small to medium-sized woody plants. <i>New Phytologist</i> , 2012, 193, 397-408.	7.3	96
132	Costs versus risks: Architectural changes with changing light quantity and quality in saplings of temperate rainforest trees of different shade tolerance. <i>Austral Ecology</i> , 2012, 37, 35-43.	1.5	28
133	Extreme climatic events and vegetation: the role of stabilizing processes. <i>Global Change Biology</i> , 2012, 18, 797-805.	9.5	376
134	Studying phenotypic plasticity: the advantages of a broad approach. <i>Biological Journal of the Linnean Society</i> , 2012, 105, 1-7.	1.6	89
135	Juvenile-adult tree associations in a continental Mediterranean ecosystem: no evidence for sustained and general facilitation at increased aridity. <i>Journal of Vegetation Science</i> , 2012, 23, 164-175.	2.2	25
136	Impact of simulated changes in rainfall regime and nutrient deposition on the relative dominance and isotopic composition of ruderal plants in anthropogenic grasslands. <i>Plant and Soil</i> , 2012, 352, 303-319.	3.7	9
137	Costs versus risks: Architectural changes with changing light quantity and quality in saplings of temperate rainforest trees of different shade tolerance. , 2012, 37, 35.		1
138	Flower size and longevity influence florivory in the large-flowered shrub <i>Cistus ladanifer</i> . <i>Acta Oecologica</i> , 2011, 37, 418-421.	1.1	36
139	Multispecies comparison reveals that invasive and native plants differ in their traits but not in their plasticity. <i>Functional Ecology</i> , 2011, 25, 1248-1259.	3.6	168
140	Competition may explain the fine-scale spatial patterns and genetic structure of two co-occurring plant congeners. <i>Journal of Ecology</i> , 2011, 99, 838-848.	4.0	44
141	Which Extent is Plasticity to Light Involved in the Ecotypic Differentiation of a Tree Species from Savanna and Forest?. <i>Biotropica</i> , 2011, 43, 695-703.	1.6	25
142	Temporal dynamics of herbivory and water availability interactively modulate the outcome of a grass-shrub interaction in a semi-arid ecosystem. <i>Oikos</i> , 2011, 120, 710-719.	2.7	52
143	Early-successional vegetation changes after roadside prairie restoration modify processes related with soil functioning by changing microbial functional diversity. <i>Soil Biology and Biochemistry</i> , 2011, 43, 1245-1253.	8.8	33
144	Invasive species can handle higher leaf temperature under water stress than Mediterranean natives. <i>Environmental and Experimental Botany</i> , 2011, 71, 207-214.	4.2	50

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145	Forests are not immune to plant invasions: phenotypic plasticity and local adaptation allow <i>Prunella vulgaris</i> to colonize a temperate evergreen rainforest. <i>Biological Invasions</i> , 2011, 13, 1615-1625.	2.4	60
146	Factors affecting cork oak growth under dry conditions: local adaptation and contrasting additive genetic variance within populations. <i>Tree Genetics and Genomes</i> , 2011, 7, 285-295.	1.6	57
147	Fall fertilization of Holm oak affects N and P dynamics, root growth potential, and post-planting phenology and growth. <i>Annals of Forest Science</i> , 2011, 68, 647-656.	2.0	39
148	Climbing plants in a temperate rainforest understorey: searching for high light or coping with deep shade?. <i>Annals of Botany</i> , 2011, 108, 231-239.	2.9	40
149	Ecosystem development in roadside grasslands: biotic control, plant-soil interactions, and dispersal limitations. , 2011, 21, 2806-2821.		26
150	The stable isotope ecology of terrestrial plant succession. <i>Plant Ecology and Diversity</i> , 2011, 4, 117-130.	2.4	22
151	Leaf litter traits of invasive species slow down decomposition compared to Spanish natives: a broad phylogenetic comparison. <i>Oecologia</i> , 2010, 162, 781-790.	2.0	77
152	Functional and evolutionary correlations of steep leaf angles in the mexical shrubland. <i>Oecologia</i> , 2010, 163, 25-33.	2.0	18
153	Natural selection on cork oak: allele frequency reveals divergent selection in cork oak populations along a temperature cline. <i>Evolutionary Ecology</i> , 2010, 24, 1031-1044.	1.2	14
154	Evaluation of unventilated treeshelters in the context of Mediterranean climate: Insights from a study on <i>Quercus faginea</i> seedlings assessed with a 3D architectural plant model. <i>Ecological Engineering</i> , 2010, 36, 517-526.	3.6	17
155	Dominant plant species modulate responses to hydroseeding, irrigation and fertilization during the restoration of semiarid motorway slopes. <i>Ecological Engineering</i> , 2010, 36, 1290-1298.	3.6	63
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