

Patricio Garcia-Fayos

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

2,450
citations

172207

29
h-index

205818

48
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65
all docs

65
docs citations

65
times ranked

2403
citing authors

#	ARTICLE	IF	CITATIONS
1	Factors Controlling Vegetation Establishment and Water Erosion on Motorway Slopes in Valencia, Spain. <i>Restoration Ecology</i> , 2004, 12, 166-174.	1.4	168
2	Nucleation Processes in a Mediterranean Bird-Dispersed Plant. <i>Functional Ecology</i> , 1996, 10, 275.	1.7	133
3	The influence of slope angle on sediment, water and seed losses on badland landscapes. <i>Geomorphology</i> , 1997, 18, 77-90.	1.1	130
4	Limitations to plant establishment on eroded slopes in southeastern Spain. <i>Journal of Vegetation Science</i> , 2000, 11, 77-86.	1.1	102
5	The influence of seed size and shape on their removal by water erosion. <i>Catena</i> , 2002, 48, 293-301.	2.2	92
6	Convergent traits of mediterranean woody plants belong to pre-mediterranean lineages. <i>Biological Journal of the Linnean Society</i> , 2003, 78, 415-427.	0.7	91
7	The effect of <i>Robinia pseudoacacia</i> afforestation on soil and vegetation properties in the Loess Plateau (China): A chronosequence approach. <i>Forest Ecology and Management</i> , 2016, 375, 146-158.	1.4	88
8	Seed removal susceptibility through soil erosion shapes vegetation composition. <i>Plant and Soil</i> , 2010, 334, 289-297.	1.8	84
9	Soil water availability effects on seed germination account for species segregation in semiarid roadslopes. <i>Plant and Soil</i> , 2007, 295, 179-191.	1.8	76
10	Soil seed bank, factors controlling germination and establishment of a Mediterranean shrub: <i>Pistacia lentiscus</i> L. <i>Acta Oecologica</i> , 1998, 19, 357-366.	0.5	75
11	Seed population dynamics on badland slopes in southeastern Spain. <i>Journal of Vegetation Science</i> , 1995, 6, 691-696.	1.1	71
12	Topographic thresholds for plant colonization on semi-arid eroded slopes. <i>Earth Surface Processes and Landforms</i> , 2009, 34, 1758-1771.	1.2	68
13	Seed losses by surface wash in degraded Mediterranean environments. <i>Catena</i> , 1997, 29, 73-83.	2.2	64
14	Roadfill Revegetation in Semiarid Mediterranean Environments. Part II: Topsoiling, Species Selection, and Hydroseeding. <i>Restoration Ecology</i> , 2007, 15, 97-102.	1.4	62
15	How can we control erosion of roadslopes in semiarid mediterranean areas? Soil improvement and native plant establishment. <i>Land Degradation and Development</i> , 2010, 21, 110-121.	1.8	56
16	Genders in <i>Juniperus thurifera</i> have different functional responses to variations in nutrient availability. <i>New Phytologist</i> , 2012, 193, 705-712.	3.5	53
17	Interaction between <i>Stipa tenacissima</i> and <i>Pinus halepensis</i> : consequences for reforestation and the dynamics of grass steppes in semi-arid Mediterranean areas. <i>Forest Ecology and Management</i> , 2004, 189, 251-261.	1.4	48
18	When, How and How Much: Gender-specific Resource-use Strategies in the Dioecious Tree <i>Juniperus thurifera</i> . <i>Annals of Botany</i> , 2006, 98, 885-889.	1.4	48

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19	Indication of antagonistic interaction between climate change and erosion on plant species richness and soil properties in semiarid Mediterranean ecosystems. <i>Global Change Biology</i> , 2009, 15, 306-318.	4.2	46
20	Is seed availability enough to ensure colonization success?. <i>Ecological Engineering</i> , 2006, 26, 224-230.	1.6	43
21	Road Slope Revegetation in Semiarid Mediterranean Environments. Part I: Seed Dispersal and Spontaneous Colonization. <i>Restoration Ecology</i> , 2007, 15, 88-96.	1.4	42
22	Moms are better nurses than dads: gender biased self-facilitation in a dioecious <i>Juniperus</i> tree. <i>Journal of Vegetation Science</i> , 2007, 18, 271-280.	1.1	42
23	Native Species for Roadslope Revegetation: Selection, Validation, and Cost Effectiveness. <i>Restoration Ecology</i> , 2010, 18, 656-663.	1.4	41
24	Frugivorous birds mediate sex-biased facilitation in a dioecious nurse plant. <i>Journal of Vegetation Science</i> , 2003, 14, 35-42.	1.1	39
25	Gender effects on the post-facilitation performance of two dioecious <i>Juniperus</i> species. <i>Functional Ecology</i> , 2004, 18, 87-93.	1.7	37
26	Consequences of a severe drought on spatial patterns of woody plants in a two-phase mosaic steppe of <i>Stipa tenacissima</i> L.. <i>Journal of Arid Environments</i> , 2002, 52, 199-208.	1.2	36
27	Seed dormancy and longevity in <i>Stipa tenacissima</i> L. (Poaceae). <i>Plant Ecology</i> , 2003, 168, 279-290.	0.7	34
28	Mucilage secretion by seeds doubles the chance to escape removal by ants. <i>Plant Ecology</i> , 2012, 213, 1167-1175.	0.7	32
29	Mucilage secretion: an adaptive mechanism to reduce seed removal by soil erosion?. <i>Biological Journal of the Linnean Society</i> , 2014, 111, 241-251.	0.7	32
30	Masting uncoupling: mast seeding does not follow all mast flowering episodes in a dioecious juniper tree. <i>Oikos</i> , 2012, 121, 1725-1736.	1.2	31
31	Old-field colonization by <i>Daphne gnidium</i> : seedling distribution and spatial dependence at different scales. <i>Journal of Vegetation Science</i> , 1998, 9, 713-718.	1.1	30
32	Physiological and transplanting performance of <i>Quercus ilex</i> L. (holm oak) seedlings grown in nurseries with different winter conditions. <i>Forest Ecology and Management</i> , 2006, 237, 218-226.	1.4	30
33	Ecological causes, function, and evolution of abortion and parthenocarpy in <i>Pistacia lentiscus</i> (Anacardiaceae). <i>Canadian Journal of Botany</i> , 1998, 76, 134-141.	1.2	30
34	Functional traits and phylogeny: What is the main ecological process determining species assemblage in roadside plant communities?. <i>Journal of Vegetation Science</i> , 2008, 19, 381-392.	1.1	29
35	Seed vs. microsite limitation for seedling emergence in the perennial grass <i>Stipa tenacissima</i> L. (Poaceae). <i>Acta Oecologica</i> , 2006, 30, 276-282.	0.5	28
36	Identifying plant traits: A key aspect for species selection in restoration of eroded roadsides in semiarid environments. <i>Ecological Engineering</i> , 2015, 83, 444-451.	1.6	27

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37	Female biased sex ratios in <i>Pistacia lentiscus</i> L. (Anacardiaceae). , 1998, 135, 95-101.		26
38	Conflicting Selective Forces Underlying Seed Dispersal in the Endangered Plant <i>Silene diclinis</i> . International Journal of Plant Sciences, 2006, 167, 103-110.	0.6	23
39	Post-dispersal seed anchorage to soil in semiarid plant communities, a test of the hypothesis of Ellner and Shmida. Plant Ecology, 2013, 214, 941-952.	0.7	23
40	The effect of deceptive fruits on predispersal seed predation by birds in <i>Pistacia lentiscus</i> . Plant Ecology, 2001, 156, 245-248.	0.7	22
41	Relictual distribution reaches the top: Elevation constrains fertility and leaf longevity in <i>Juniperus thurifera</i> . Acta Oecologica, 2010, 36, 120-125.	0.5	21
42	Ecological causes, function, and evolution of abortion and parthenocarpy in <i>Pistacia lentiscus</i> (Anacardiaceae). Canadian Journal of Botany, 1998, 76, 134-141.	1.2	19
43	The Role of Thrips in Pollination of <i>Arctostaphylos uva-ursi</i> . International Journal of Plant Sciences, 2008, 169, 776-781.	0.6	19
44	Mites attack males of the sexually polymorphic tree <i>Acer opalus</i> more harmfully and more often. Functional Ecology, 2004, 18, 592-597.	1.7	18
45	Functional and evolutionary correlations of steep leaf angles in the mexical shrubland. Oecologia, 2010, 163, 25-33.	0.9	18
46	Ecological and historical determinants of population genetic structure and diversity in the Mediterranean shrub <i>Rosmarinus officinalis</i> (Lamiaceae). Botanical Journal of the Linnean Society, 2016, 180, 50-63.	0.8	17
47	Telling a different story: plant recolonization after landslides under a semi-arid climate. Plant and Soil, 2018, 426, 163-178.	1.8	16
48	Mexical plant phenology: is it similar to Mediterranean communities?. Botanical Journal of the Linnean Society, 2002, 138, 297-303.	0.8	15
49	Diplochory in <i>Ulex parviflorus</i> Pourr. Acta Oecologica, 2005, 28, 157-162.	0.5	15
50	Relative importance of plant traits and ecological filters in road embankment revegetation under semiarid Mediterranean conditions. Ecological Engineering, 2008, 33, 258-264.	1.6	10
51	Increasing aridity threatens the sexual regeneration of <i>Quercus ilex</i> (holm oak) in Mediterranean ecosystems. PLoS ONE, 2020, 15, e0239755.	1.1	10
52	La reserva de semillas en una cuenca de "badlands" (Petrer, Alicante). Pirineos, 1992, 140, 29-36.	0.6	9
53	Aridity Induces Nonlinear Effects of Human Disturbance on Precipitation-Use Efficiency of Iberian Woodlands. Ecosystems, 2018, 21, 1295-1305.	1.6	8
54	Quantifying the effects of <i>Robinia pseudoacacia</i> afforestation on plant community structure from a functional perspective: New prospects for management practices on the hilly and gullied Loess Plateau, China. Science of the Total Environment, 2021, 773, 144878.	3.9	8

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55	Interactions of past human disturbance and aridity trigger abrupt shifts in the functional state of Mediterranean holm oak woodlands. <i>Catena</i> , 2021, 206, 105514.	2.2	5
56	Phylogeny, biogeography, and morphological ancestral character reconstruction in the Mediterranean genus <i>Fumana</i> (Cistaceae). <i>Journal of Systematics and Evolution</i> , 2020, 58, 201-220.	1.6	4
57	Frugivorous birds mediate sex-biased facilitation in a dioecious nurse plant. , 2003, 14, 35.		3
58	Seed germination and seedling allogamy in <i>Rosmarinus officinalis</i> : the costs of inbreeding. <i>Plant Biology</i> , 2018, 20, 627-635.	1.8	2
59	Relaciones entre la pérdida de agua, suelos y semillas en zonas acarcavadas : influencia de la pendiente. <i>Cuadernos De Investigacion Geografica</i> , 1995, 20, 47.	0.6	1
60	Premio "Ecosistemas" al mejor resumen de Tesis Doctoral publicado en 2013. <i>Ecosistemas</i> , 2014, 23, 65.	0.2	0
61	Análisis de la distribución del tamaño de parches de vegetación como indicador de degradación de los encinares mediterráneos. <i>Cuadernos De Geografía De La Universitat De València</i> , 2019, , 73.	0.0	0
62	Title is missing!. , 2020, 15, e0239755.		0
63	Title is missing!. , 2020, 15, e0239755.		0
64	Title is missing!. , 2020, 15, e0239755.		0
65	Title is missing!. , 2020, 15, e0239755.		0