Jos Antonio Hdar

List of Publications by Citations

78 papers	3,939 citations	32 h-index	62 g-index
80 ext. papers	4,312 ext. citations	3.4 avg, IF	5.15 L-index

#	Paper	IF	Citations
78	APPLYING PLANT FACILITATION TO FOREST RESTORATION: A META-ANALYSIS OF THE USE OF SHRUBS AS NURSE PLANTS **2004**, 14, 1128-1138		601
77	Seedling establishment of a boreal tree species (Pinus sylvestris) at its southernmost distribution limit: consequences of being in a marginal Mediterranean habitat. *Journal of Ecology*, **2004**, 92, 266-277	6	302
76	Use of Shrubs as Nurse Plants: A New Technique for Reforestation in Mediterranean Mountains. *Restoration Ecology*, **2002**, 10, 297-305	3.1	196
75	Benefits of Using Shrubs as Nurse Plants for Reforestation in Mediterranean Mountains: A 4-Year Study. *Restoration Ecology*, **2004**, 12, 352-358	3.1	194
74	Conditional outcomes in plantherbivore interactions: neighbours matter. *Oikos*, **2006**, 113, 148-156	4	181
73	Geographical variation in seed production, predation and abortion in Juniperus communis throughout its range in Europe. *Journal of Ecology*, **2000**, 88, 435-446	6	149
72	Pine processionary caterpillar Thaumetopoea pityocampa as a new threat for relict Mediterranean Scots pine forests under climatic warming. *Biological Conservation*, **2003**, 110, 123-129	6.2	142
71	Facilitation of tree saplings by nurse plants: Microhabitat amelioration or protection against herbivores?. *Journal of Vegetation Science*, **2008**, 19, 161-172	3.1	126
70	Seed predation and dispersal in relict Scots pine forests in southern Spain. *Plant Ecology*, **1999**, 145, 115-123	1.7	117
69	Yew (Taxus baccata L.) regeneration is facilitated by fleshy-fruited shrubs in Mediterranean environments. *Biological Conservation*, **2000**, 95, 31-38	6.2	110
68	Age structure of Juniperus communis L. in the Iberian peninsula: Conservation of remnant populations in Mediterranean mountains. *Biological Conservation*, **1999**, 87, 215-220	6.2	100
67	Effect of browsing by ungulates on sapling growth of Scots pine in a Mediterranean environment: consequences for forest regeneration. *Forest Ecology and Management*, **2001**, 144, 33-42	3.9	94
66	Alleviation of Summer Drought Boosts Establishment Success of Pinus sylvestris in a Mediterranean Mountain: An Experimental Approach. *Plant Ecology*, **2005**, 181, 191-202	1.7	89
65	Herbivory and climatic warming: a Mediterranean outbreaking caterpillar attacks a relict, boreal pine species. *Biodiversity and Conservation*, **2004**, 13, 493-500	3.4	87
64	Host utilisation by moth and larval survival of pine processionary caterpillar Thaumetopoea pityocampa in relation to food quality in three Pinus species. *Ecological Entomology*, **2002**, 27, 292-301	2.1	73
63	Disparity in elevational shifts of European trees in response to recent climate warming. *Global Change Biology*, **2013**, 19, 2490-9	11.4	71
62	Experimental test of postfire management in pine forests: impact of salvage logging versus partial cutting and nonintervention on bird-species assemblages. *Conservation Biology*, **2010**, 24, 810-9	6	57

61	Frugivory at Juniperus communis depends more on population characteristics than on individual attributes. *Journal of Ecology*, **2001**, 89, 639-647	6	57
60	Herbivory has a greater impact in shade than in sun: response of Quercus pyrenaica seedlings to multifactorial environmental variation. *Canadian Journal of Botany*, **2004**, 82, 357-364		53
59	Leaf fluctuating asymmetry of Holm oak in response to drought under contrasting climatic conditions. *Journal of Arid Environments*, **2002**, 52, 233-243	2.5	53
58	Restoring Quercus pyrenaica forests using pioneer shrubs as nurse plants. *Applied Vegetation Science*, **2006**, 9, 137	3.3	50
57	FITNESS RESPONSES OF A CARNIVOROUS PLANT IN CONTRASTING ECOLOGICAL SCENARIOS. *Ecology*, **1998**, 79, 1630-1644	4.6	49
56	Wild boars (Sus scrofa) affect the recruitment rate and spatial distribution of holm oak (Quercus ilex). *Forest Ecology and Management*, **2008**, 256, 1384-1389	3.9	46
55	Restoring Quercus pyrenaica forests using pioneer shrubs as nurse plants. *Applied Vegetation Science*, **2006**, 9, 137-142	3.3	46
54	Ungulate damage on Scots pines in Mediterranean environments: effects of association with shrubs. *Canadian Journal of Botany*, **2001**, 79, 739-746		46
53	Positive adjacency effects mediated by seed disperser birds in pine plantations **2010**, 20, 1053-60		44
52	Seed Dispersal Patterns by Large Frugivorous Mammals in a Degraded Mosaic Landscape. *Restoration Ecology*, **2010**, 18, 619-627	3.1	42
51	Bird Rejection of Unhealthy Fruits Reinforces the Mutualism between Juniper and Its Avian Dispersers. *Oikos*, **1999**, 85, 536	4	41
50	Biomass allocation and growth responses of Scots pine saplings to simulated herbivory depend on plant age and light availability. *Plant Ecology*, **2008**, 197, 229-238	1.7	39
49	Feeding habits of the blackwidow spider Latrodectus lilianae (Araneae: Theridiidae) in an arid zone of south-east Spain. *Journal of Zoology*, **2002**, 257, 101-109	2	38
48	Climate change and the incidence of a forest pest in Mediterranean ecosystems: can the North Atlantic Oscillation be used as a predictor?. *Climatic Change*, **2012**, 113, 699-711	4.5	37
47	Direct and indirect effects of climate on demography and early growth of Pinus sylvestris at the rear edge: changing roles of biotic and abiotic factors. *PLoS ONE*, **2013**, 8, e59824	3.7	36
46	Limits of pine forest distribution at the treeline: herbivory matters. *Plant Ecology*, **2012**, 213, 459-469	1.7	32
45	Feast and famine: previous defoliation limiting survival of pine processionary caterpillar Thaumetopoea pityocampa in Scots pine Pinus sylvestris. *Acta Oecologica*, **2004**, 26, 203-210	1.7	31
44	Responses of a carnivorous plant to prey and inorganic nutrients in a Mediterranean environment. *Oecologia*, **1997**, 111, 443-451	2.9	30

43	Needle terpene concentrations and emissions of two coexisting subspecies of Scots pine attacked by the pine processionary moth (Thaumetopoea pityocampa). *Acta Physiologiae Plantarum*, **2013**, 35, 3047-3058	2.6	28
42	Foraging mode of the Moorish gecko Tarentola mauritanica in an arid environment: Inferences from abiotic setting, prey availability and dietary composition. *Journal of Arid Environments*, **2006**, 65, 83-93	2.5	28
41	Consequences of plant□hemical diversity for domestic goat food preference in Mediterranean forests. *Acta Oecologica*, **2009**, 35, 117-127	1.7	24
40	Winter temperature predicts prolonged diapause in pine processionary moth species across their geographic range. *PeerJ*, **2019**, 7, e6530	3.1	23
39	Is insecticide spraying a viable and cost-efficient management practice to control pine processionary moth in Mediterranean woodlands?. *Forest Ecology and Management*, **2011**, 261, 1732-1737	3.9	22
38	Habitat selection of the common chameleon (Chamaeleo chamaeleon) (L.) in an area under development in southern Spain: implications for conservation. *Biological Conservation*, **2000**, 94, 63-68	6.2	22
37	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	3	21
36	Shade and Herbivory Induce Fluctuating Asymmetry in a Mediterranean Oak. *International Journal of Plant Sciences*, **2008**, 169, 631-635	2.6	20
35	Natural History of the Processionary Moths (Thaumetopoea spp.): New Insights in Relation to Climate Change **2015**, 15-79		20
34	Close and distant: Contrasting the metabolism of two closely related subspecies of Scots pine under the effects of folivory and summer drought. *Ecology and Evolution*, **2017**, 7, 8976-8988	2.8	17
33	Trophic interactions in an arid ecosystem: From decomposers to top-predators. *Journal of Arid Environments*, **2011**, 75, 1333-1341	2.5	17
32	Annual variability in reproduction of Juniperus communis L. in a Mediterranean mountain: Relationship to seed predation and weather. *Ecoscience*, **2002**, 9, 251-255	1.1	16
31	Species-specific responses of tree saplings to herbivory in contrasting light environments: An experimental approach. *Ecoscience*, **2010**, 17, 156-165	1.1	15
30	Are the metabolomic responses to folivory of closely related plant species linked to macroevolutionary and plant-folivore coevolutionary processes?. *Ecology and Evolution*, **2016**, 6, 4372-86	2.8	15
29	Ungulate damage on Scots pines in Mediterranean environments: effects of association with shrubs. *Canadian Journal of Botany*, **2001**, 79, 739-746		14
28	Do empty Juniperus communis seeds defend filled seeds against predation by Apodemus sylvaticus?. *Ecoscience*, **2000**, 7, 214-221	1.1	13
27	Plant□Herbivore Interaction: Beyond a Binary Vision **2007**, 481-514		12
26	Effect of habitat type and soil moisture on pupal stage of a Mediterranean forest pest (Thaumetopoea pityocampa). *Agricultural and Forest Entomology*, **2017**, 19, 130-138	1.9	11

25	Climate Warming and Past and Present Distribution of the Processionary Moths (Thaumetopoea spp.) in Europe, Asia Minor and North Africa **2015**, 81-161		11
24	Growth patterns at the southern range edge of Scots pine: Disentangling the effects of drought and defoliation by the pine processionary caterpillar. *Forest Ecology and Management*, **2014**, 315, 129-137	3.9	11
23	Feeding by vertebrate herbivores in a chemically heterogeneous environment. *Ecoscience*, **1997**, 4, 304-310	1.1	11
22	From the individual to the landscape and back: time-varying effects of climate and herbivory on tree sapling growth at distribution limits. *Journal of Ecology*, **2016**, 104, 430-442	6	11
21	Mistletoe Versus Host Pine: Does Increased Parasite Load Alter the Host Chemical Profile?. *Journal of Chemical Ecology*, **2019**, 45, 95-105	2.7	11
20	Mechanisms blocking Pinus sylvestris colonization of Mediterranean mountain meadows. *Journal of Vegetation Science*, **2002**, 13, 725	3.1	10
19	Beneath the mistletoe: parasitized trees host a more diverse herbaceous vegetation and are more visited by rabbits. *Annals of Forest Science*, **2018**, 75, 1	3.1	9
18	Do the arthropod communities on a parasitic plant and its hosts differ?. *European Journal of Entomology*,114, 215-221		9
17	No evidence of induced defence after defoliation in three pine species against an expanding pest, the pine processionary moth. *Forest Ecology and Management*, **2015**, 356, 166-172	3.9	7
16	Tree damage and population density relationships for the pine processionary moth: Prospects for ecological research and pest management. *Forest Ecology and Management*, **2014**, 328, 319-325	3.9	7
15	Dartford Warblers Follow Stonechats While Foraging. *Ornis Scandinavica*, **1992**, 23, 167		7
14	Insect Tree Interactions in Thaumetopoea pityocampa **2015**, 265-310		7
13	We Are What We Eat: A Stoichiometric and Ecometabolomic Study of Caterpillars Feeding on Two Pine Subspecies of. *International Journal of Molecular Sciences*, **2018**, 20,	6.3	7
12	Mistletoe generates non-trophic and trait-mediated indirect interactions through a shared host of herbivore consumers. *Ecosphere*, **2019**, 10, e02564	3.1	5
11	Timing and intensity of bush cricket predation on egg batches of pine processionary moth: no evidence of population control. *Agricultural and Forest Entomology*, **2013**, 15, 204-211	1.9	5
10	INSTAR: An Agent-Based Model that integrates existing knowledge to simulate the population dynamics of a forest pest. *Ecological Modelling*, **2019**, 411, 108764	3	4
9	Dataset of occurrence and incidence of pine processionary moth in Andalusia, south Spain. *ZooKeys*, **2019**, 852, 125-136	1.2	3
8	Expansion of elevational range in a forest pest: Can parasitoids track their hosts?. *Ecosphere*, **2021**, 12, e03476	3.1	3

7	A little further south: Host range and genetics of the Northern pine processionary moth, Thaumetopoea pinivora (Lepidoptera: Notodontidae) at the southern edge of its distribution. *European Journal of Entomology*,113, 200-206		2
6	Ecological assembly rules on arthropod community inhabiting mistletoes. *Ecological Entomology*, **2020**, 45, 1088-1098	2.1	1
5	Implications of mistletoe parasitism for the host metabolome: A new plant identity in the forest canopy. *Plant, Cell and Environment*, **2021**, 44, 3655-3666	8.4	1
4	Secondary foundation species foster novel plant□animal interactions in the forest canopy: evidence from mistletoe. *Insect Conservation and Diversity*, **2020**, 13, 470-479	3.8	0
3	Freezing tolerance of seeds can explain differences in the distribution of two widespread mistletoe subspecies in Europe. *Forest Ecology and Management*, **2021**, 482, 118806	3.9	0
2	Correct your own exam. Exercises for university students to develop writing skills in biology. *SHS Web of Conferences*, **2016**, 26, 01079	0.3	
1	Responses of Animal Populations and Communities to Climate Change and Land-Use Shifts **2022**, 193-211		