Javier Jr Retana

List of Publications by Year
in descending order

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134	8,123	38660	60497
papers	citations	50 h-index	81 g-index

134	134	134	9114
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterizing forest vulnerability and risk to climateâ€change hazards. Frontiers in Ecology and the Environment, 2021, 19, 126-133.	1.9	45
2	Fire threatens the diversity and structure of tropical gallery forests. Ecosphere, 2021, 12, e03347.	1.0	10
3	Low forest productivity associated with increasing droughtâ€tolerant species is compensated by an increase in droughtâ€tolerance richness. Global Change Biology, 2021, 27, 2113-2127.	4.2	24
4	Assessing the Risk of Losing Forest Ecosystem Services Due to Wildfires. Ecosystems, 2021, 24, 1687-1701.	1.6	14
5	Fire-induced loss of the worldâ€™s most biodiverse forests in Latin America. Science Advances, 2021, 7, .	4.7	33
6	The role of environmental vs. biotic filtering in the structure of European ant communities: A matter of trait type and spatial scale. PLoS ONE, 2020, 15, e0228625.	1.1	22
7	Recent dynamics of pine and oak forests in Mexico. European Journal of Forest Research, 2020, 139, 179-187.	1.1	2
8	Are protected areas preserving ecosystem services and biodiversity? Insights from Mediterranean forests and shrublands. Landscape Ecology, 2019, 34, 2307-2321.	1.9	31
9	A quantitative assessment of mid-term risks of global change on forests in Western Mediterranean Europe. Regional Environmental Change, 2019, 19, 819-831.	1.4	5
10	Regeneration patterns in Mexican pine-oak forests. Forest Ecosystems, 2019, 6, .	1.3	14
11	Forest diversity plays a key role in determining the stand carbon stocks of Mexican forests. Forest Ecology and Management, 2018, 415-416, 160-171.	1.4	34
12	Forest management for adaptation to climate change in the Mediterranean basin: A synthesis of evidence. Forest Ecology and Management, 2018, 407, 16-22.	1.4	95
13	Climate Change Could Negate Positive Tree Diversity Effects on Forest Productivity: A Study Across Five Climate Types in Spain and Canada. Ecosystems, 2018, 21, 960-970.	1.6	43
14	The Positive Carbon Stocks-Biodiversity Relationship in Forests: Co-Occurrence and Drivers Across Five SubClimates. Bulletin of the Ecological Society of America, 2018, 99, e01424.	0.2	2
15	Dominanceâ€“diversity relationships in ant communities differ with invasion. Global Change Biology, 2018, 24, 4614-4625.	4.2	39
16	The positive carbon stocksâ€“biodiversity relationship in forests: coâ€occurrence and drivers across five subclimates. Ecological Applications, 2018, 28, 1481-1493.	1.8	45
17	Relationships among taxonomic, functional, and phylogenetic ant diversity across the biogeographic regions of Europe. Ecography, 2017, 40, 448-457.	2.1	70
18	GlobalAnts: a new database on the geography of ant traits (Hymenoptera: Formicidae). Insect Conservation and Diversity, 2017, 10, 5-20.	1.4	119

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19	Deforestation dynamics and drivers in different forest types in Latin America: Three decades of studies (1980â€“2010). Global Environmental Change, 2017, 46, 139-147.	3.6	113
20	Changing patterns of fire occurrence in proximity to forest edges, roads and rivers between NW Amazonian countries. Biogeosciences, 2017, 14, 2755-2765.	1.3	25
21	Edge Influence on Diversity of Orchids in Andean Cloud Forests. Forests, 2016, 7, 63.	0.9	16
22	Anthropogenicâ€driven rapid shifts in tree distribution lead to increased dominance of broadleaf species. Global Change Biology, 2016, 22, 3984-3995.	4.2	51
23	Synergies Between Forest Biomass Extraction for Bioenergy and Fire Suppression in Mediterranean Ecosystems: Insights from a Storyline-and-Simulation Approach. Ecosystems, 2016, 19, 786-802.	1.6	29
24	Pollinators show flower colour preferences but flowers with similar colours do not attract similar pollinators. Annals of Botany, 2016, 118, 249-257.	1.4	104
25	Thermal Characterization of European Ant Communities Along Thermal Gradients and Its Implications for Community Resilience to Temperature Variability. Frontiers in Ecology and Evolution, 2015, 3, .	1.1	22
26	Partitioning the impact of environment and spatial structure on alpha and beta components of taxonomic, functional, and phylogenetic diversity in European ants. PeerJ, 2015, 3, e1241.	0.9	78
27	Reassessing global change research priorities in mediterranean terrestrial ecosystems: how far have we come and where do we go from here?. Global Ecology and Biogeography, 2015, 24, 25-43.	2.7	111
28	Functional trait variation along environmental gradients in temperate and Mediterranean trees. Global Ecology and Biogeography, 2015, 24, 1377-1389.	2.7	62
29	A multidimensional functional trait analysis of resource exploitation in European ants. Ecology, 2015, 96, 2781-2793.	1.5	23
30	National and regional relationships of carbon storage and tropical biodiversity. Biological Conservation, 2015, 192, 378-386.	1.9	20
31	National ecosystems services priorities for planning carbon and water resource management in Colombia. Land Use Policy, 2015, 42, 609-618.	2.5	35
32	Impacts of climate change on water resources in the Mediterranean Basin: a case study in Catalonia, Spain. Hydrological Sciences Journal, 2015, 60, 2132-2147.	1.2	42
33	Using Unplanned Fires to Help Suppressing Future Large Fires in Mediterranean Forests. PLoS ONE, 2014, 9, e94906.	1.1	47
34	Composition and habitat use of small mammals in old-growth mountain forests. Journal of Natural History, 2014, 48, 481-494.	0.2	8
35	The ecological benefits of larger colony size may promote polygyny in ants. Journal of Evolutionary Biology, 2014, 27, 2856-2863.	0.8	39
36	Intraspecific variability in functional traits matters: case study of Scots pine. Oecologia, 2014, 175, 1337-1348.	0.9	55

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37	A new look at water transport regulation in plants. New Phytologist, 2014, 204, 105-115.	3.5	404
38	Ant functional responses along environmental gradients. Journal of Animal Ecology, 2014, 83, 1398-1408.	1.3	65
39	Variation in reproduction and growth in declining Scots pine populations. Perspectives in Plant Ecology, Evolution and Systematics, 2014, 16, 111-120.	1.1	19
40	Extreme Fire Severity Patterns in Topographic, Convective and Wind-Driven Historical Wildfires of Mediterranean Pine Forests. PLoS ONE, 2014, 9, e85127.	1.1	60
41	Future variability of droughts in three Mediterranean catchments. Natural Hazards, 2013, 69, 1405-1421.	1.6	25
42	Postâ€fire invasion and subsequent extinction of <scp>C</scp>onyza spp. in <scp>M</scp>editerranean forests is mostly explained by local factors. Weed Research, 2013, 53, 470-478.	0.8	9
43	Effectiveness of protected areas in the Colombian Andes: deforestation, fire and land-use changes. Regional Environmental Change, 2013, 13, 423-435.	1.4	34
44	National and regional determinants of tropical deforestation in Colombia. Regional Environmental Change, 2013, 13, 1181-1193.	1.4	99
45	Forest fragmentation and edge influence on fire occurrence and intensity under different management types in Amazon forests. Biological Conservation, 2013, 159, 73-79.	1.9	121
46	Patterns of Forest Decline and Regeneration Across Scots Pine Populations. Ecosystems, 2013, 16, 323-335.	1.6	80
47	Landscape Dynamics in Northwestern Amazonia: An Assessment of Pastures, Fire and Illicit Crops as Drivers of Tropical Deforestation. PLoS ONE, 2013, 8, e54310.	1.1	57
48	Response of ant functional composition to fire. Ecography, 2013, 36, 1182-1192.	2.1	69
49	Patterns and drivers of regeneration of tree species in forests of peninsular Spain. Journal of Biogeography, 2013, 40, 1252-1265.	1.4	44
50	Variables That Influence Changes in Fire Severity and Their Relationship with Changes Between Surface and Crown Fires in a Wind-Driven Wildfire. Forest Science, 2013, 59, 139-150.	0.5	11
51	Soil carbon stocks and their variability across the forests, shrublands and grasslands of peninsular Spain. Biogeosciences, 2013, 10, 8353-8361.	1.3	40
52	Distinctive life traits and distribution along environmental gradients of dominant and subordinate Mediterranean ant species. Oecologia, 2012, 170, 489-500.	0.9	58
53	Spatial Patterns and Predictors of Forest Carbon Stocks in Western Mediterranean. Ecosystems, 2012, 15, 1258-1270.	1.6	35
54	Patterns of fuel types and crown fire potential in Pinus halepensis forests in the Western Mediterranean Basin. Forest Ecology and Management, 2012, 270, 282-290.	1.4	33

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55	Dynamics, Patterns and Causes of Fires in Northwestern Amazonia. PLoS ONE, 2012, 7, e35288.	1.1	24
56	Uncoupling the Effects of Seed Predation and Seed Dispersal by Granivorous Ants on Plant Population Dynamics. PLoS ONE, 2012, 7, e42869.	1.1	29
57	Lack of regeneration and climatic vulnerability to fire of Scots pine may induce vegetation shifts at the southern edge of its distribution. Journal of Biogeography, 2012, 39, 488-496.	1.4	39
58	Recent climate changes interact with stand structure and management to determine changes in tree carbon stocks in <scp>S</scp>panish forests. Global Change Biology, 2012, 18, 1028-1041.	4.2	123
59	Patterns and Trends of Forest Loss in the Colombian Guyana. Biotropica, 2012, 44, 123-132.	0.8	13
60	Fuel types and crown fire potential in Pinus halepensis forests. European Journal of Forest Research, 2012, 131, 463-474.	1.1	18
61	Post-Fire Management of Non-Serotinous Pine Forests. Managing Forest Ecosystems, 2012, , 151-170.	0.4	9
62	Relevance of soil seed bank and seed rain to immediate seed supply after a large wildfire. International Journal of Wildland Fire, 2012, 21, 449.	1.0	14
63	Interspecific differences in sapling performance with respect to light and aridity gradients in Mediterranean pineâ€“oak forests: implications for species coexistence. Canadian Journal of Forest Research, 2011, 41, 1432-1444.	0.8	51
64	Structural and climatic determinants of demographic rates of Scots pine forests across the Iberian Peninsula. , 2011, 21, 1162-1172.		101
65	Characterising fire spatial pattern interactions with climate and vegetation in Colombia. Agricultural and Forest Meteorology, 2011, 151, 279-289.	1.9	59
66	Habitat determinants of abundance, structure and composition of flying Hymenoptera communities in mountain old-growth forests. Insect Conservation and Diversity, 2011, 4, 200-211.	1.4	18
67	Land-cover changes in and around a National Park in a mountain landscape in the Pyrenees. Regional Environmental Change, 2011, 11, 349-358.	1.4	13
68	Understanding deforestation in montane and lowland forests of the Colombian Andes. Regional Environmental Change, 2011, 11, 693-705.	1.4	125
69	Interspecific variation in functional traits, not climatic differences among species ranges, determines demographic rates across 44 temperate and Mediterranean tree species. Journal of Ecology, 2010, 98, 1462-1475.	1.9	92
70	Canopy and litter ant assemblages share similar climateâ€“species density relationships. Biology Letters, 2010, 6, 769-772.	1.0	23
71	Factors influencing the pattern of fire severities in a large wildfire under extreme meteorological conditions in the Mediterranean basin. International Journal of Wildland Fire, 2009, 18, 755.	1.0	63
72	Ant Community Structure in Citrus Orchards in the Mediterranean Basin: Impoverishment as a Consequence of Habitat Homogeneity. Environmental Entomology, 2009, 38, 317-324.	0.7	31

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73	Acorn crop size and pre-dispersal predation determine inter-specific differences in the recruitment of co-occurring oaks. Oecologia, 2009, 161, 559-568.	0.9	51
74	Climatic drivers of hemispheric asymmetry in global patterns of ant species richness. Ecology Letters, 2009, 12, 324-333.	3.0	233
75	Are conservation strategies effective in avoiding the deforestation of the Colombian Guyana Shield?. Biological Conservation, 2009, 142, 1411-1419.	1.9	84
76	Forest management conditioning ground ant community structure and composition in temperate conifer forests in the Pyrenees Mountains. Forest Ecology and Management, 2009, 258, 51-59.	1.4	33
77	Factors influencing the formation of unburned forest islands within the perimeter of a large forest fire. Forest Ecology and Management, 2009, 258, 71-80.	1.4	62
78	Nest-moving by the polydomous ant Cataglyphis iberica. Journal of Ethology, 2008, 26, 119-126.	0.4	22
79	Changes of dominant ground beetles in black pine forests with fire severity and successional age. Ecoscience, 2008, 15, 442-452.	0.6	15
80	Post-dispersal seed predation in Pinus halepensis and consequences on seedling establishment after fire. International Journal of Wildland Fire, 2008, 17, 407.	1.0	15
81	MASTING MEDIATED BY SUMMER DROUGHT REDUCES ACORN PREDATION IN MEDITERRANEAN OAK FORESTS. Ecology, 2008, 89, 805-817.	1.5	130
82	Fire reduces Pinus pinea distribution in the northeastern Iberian Peninsula. Ecoscience, 2007, 14, 23-30.	0.6	31
83	Overstory structure and topographic gradients determining diversity and abundance of understory shrub species in temperate forests in central Pyrenees (NE Spain). Forest Ecology and Management, 2007, 242, 391-397.	1.4	82
84	Uncoupling the effects of shade and food resources of vegetation on Mediterranean ants: an experimental approach at the community level. Ecography, 2007, 30, 161-172.	2.1	40
85	Postâ€fire regeneration of Mediterranean plant communities at a regional scale is dependent on vegetation type and dryness. Journal of Vegetation Science, 2007, 18, 111-122.	1.1	62
86	Post-fire regeneration of Mediterranean plant communities at a regional scale is dependent on vegetation type and dryness. , 2007, 18, 111.		4
87	Post-fire recovery of ant communities in Submediterranean Pinus nigra forests. Ecography, 2006, 29, 231-239.	2.1	426
88	Response to natural and simulated browsing of two Mediterranean oaks with contrasting leaf habit after a wildfire. Annals of Forest Science, 2006, 63, 441-447.	0.8	15
89	Post-fire recovery of Mediterranean ground ant communities follows vegetation and dryness gradients. Journal of Biogeography, 2006, 33, 1246-1258.	1.4	80
90	A model of the recruitment of Pinus nigra from unburned edges after large wildfires. Ecological Modelling, 2006, 197, 405-417.	1.2	37

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91	Predicting the Recovery of Pinus halepensis and Quercus ilex Forests after a Large Wildfire in Northeastern Spain. Plant Ecology, 2005, 180, 47-56.	0.7	56
92	Differences in biomass partitioning, leaf nitrogen content, and water use efficiency (Î´13C) result in similar performance of seedlings of two Mediterranean oaks with contrasting leaf habit. Ecoscience, 2005, 12, 447-454.	0.6	25
93	Effects of tree size, crown damage, and tree location on post-fire survival and cone production of Pinus nigra trees. Forest Ecology and Management, 2005, 206, 109-117.	1.4	74
94	DIRECT REGENERATION IS NOT THE ONLY RESPONSE OF MEDITERRANEAN FORESTS TO LARGE FIRES. Ecology, 2004, 85, 716-729.	1.5	227
95	The role of disturbance in the coâ€existence of the evergreen Quercus ilex and the deciduous Quercus cerrioides. Journal of Vegetation Science, 2004, 15, 423-430.	1.1	26
96	Early reduction of post-fire recruitment ofPinus nigraby post-dispersal seed predation in different time-since-fire habitats. Ecography, 2004, 27, 449-458.	2.1	58
97	Dual role of harvesting ants as seed predators and dispersers of a non-myrmechorous Mediterranean perennial herb. Oikos, 2004, 105, 377-385.	1.2	78
98	Foraging behavior and pollinating effectiveness of Osmia cornuta (Hymenoptera: Megachilidae) and Apis mellifera (Hymenoptera: Apidae) on ?Comice? pear. Apidologie, 2004, 35, 575-585.	0.9	92
99	Topography and forest composition affecting the variability in fire severity and post-fire regeneration occurring after a large fire in the Mediterranean basin. International Journal of Wildland Fire, 2004, 13, 209.	1.0	83
100	Effect of site quality and shading on sprouting patterns of holm oak coppices. Forest Ecology and Management, 2004, 188, 39-49.	1.4	38
101	Limitation of the recruitment of Pinus nigra in a gradient of post-fire environmental conditions. Ecoscience, 2004, 11, 296-304.	0.6	34
102	The role of disturbance in the co-existence of the evergreen Quercus ilex and the deciduous Quercus cerrioides. Journal of Vegetation Science, 2004, 15, 423.	1.1	24
103	Seed ecology of a Mediterranean perennial herb with an exceptionally extended flowering and fruiting season. Botanical Journal of the Linnean Society, 2003, 142, 273-280.	0.8	12
104	Resprouting patterns after fire and response to stool cleaning of two coexisting Mediterranean oaks with contrasting leaf habits on two different sites. Forest Ecology and Management, 2003, 179, 401-414.	1.4	65
105	An economic and ecological multi-criteria evaluation of reforestation methods to recover burned Pinus nigra forests in NE Spain. Forest Ecology and Management, 2003, 180, 185-198.	1.4	67
106	ENVIRONMENTAL AND HUMAN FACTORS INFLUENCING FIRE TRENDS IN ENSO AND NON-ENSO YEARS IN TROPICAL MEXICO. , 2003, 13, 1177-1192.		68
107	Spatial patterns, temporal variability, and the role of multi-nest colonies in a monogynous Spanish desert ant. Ecological Entomology, 2002, 27, 7-15.	1.1	43
108	AN EXTENDED FLOWERING AND FRUITING SEASON HAS FEW DEMOGRAPHIC EFFECTS IN A MEDITERRANEAN PERENNIAL HERB. Ecology, 2002, 83, 1991-2004.	1.5	26

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109	An Extended Flowering and Fruiting Season Has Few Demographic Effects in a Mediterranean Perennial Herb. Ecology, 2002, 83, 1991.	1.5	8
110	Regeneration patterns of three Mediterranean pines and forest changes after a large wildfire in northeastern Spain. Ecoscience, 2002, 9, 89-97.	0.6	132
111	Mid-term successional patterns after fire of mixed pineâ€“oak forests in NE Spain. Acta Oecologica, 2002, 23, 405-411.	0.5	59
112	Fire and species range in Mediterranean landscapes: an experimental comparison of seed and seedling performance among Centaurea taxa. Journal of Biogeography, 2002, 29, 135-146.	1.4	18
113	The flowering pattern of the perennial herb Lobularia maritima: anÂunusual case in the Mediterranean basin. Acta Oecologica, 2001, 22, 209-217.	0.5	33
114	Seedling bank dynamics in managed holm oak (Quercus ilex) forests. Annals of Forest Science, 2001, 58, 843-852.	0.8	22
115	Alternative strategies by thermophilic ants to cope with extreme heat: individual versus colony level traits. Oikos, 2000, 89, 155-163.	1.2	70
116	Constraints and trade-offs in Mediterranean plant communities: The case of holm oak-Aleppo pine forests. Botanical Review, The, 2000, 66, 119-149.	1.7	183
117	Title is missing!. Plant Ecology, 1999, 145, 91-99.	0.7	95
118	Resprouting Dynamics. Ecological Studies, 1999, , 61-73.	0.4	31
119	Seedling Recruitment. Ecological Studies, 1999, , 89-103.	0.4	45
120	Title is missing!. Plant Ecology, 1998, 138, 17-26.	0.7	110
121	Interference interactions and nest usurpation between two subordinate ant species. Oecologia, 1998, 113, 577.	0.9	27
122	The role of competition by dominants and temperature in the foraging of subordinate species in Mediterranean ant communities. Oecologia, 1998, 117, 404-412.	0.9	196
123	Critical thermal limits in Mediterranean ant species: trade-off between mortality risk and foraging performance. Functional Ecology, 1998, 12, 45-55.	1.7	220
124	Prey Size Reverses the Outcome of Interference Interactions of Scavenger Ants. Oikos, 1998, 82, 99.	1.2	46
125	Links between Worker Polymorphism and Thermal Biology in a Thermophilic Ant Species. Oikos, 1997, 78, 467.	1.2	68
126	Spatial and temporal variations in the activity patterns of Mediterranean ant communities. Ecoscience, 1997, 4, 269-278.	0.6	113

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127	Thermal Disruption of Transitive Hierarchies in Mediterranean Ant Communities. Journal of Animal Ecology, 1997, 66, 363.	1.3	215
128	Flowering phenology, floral traits and pollinator composition in a herbaceous Mediterranean plant community. Oecologia, 1997, 109, 583-591.	0.9	154
129	Agonistic relationships among sympatric mediterranean ant species (Hymenoptera: Formicidae). Journal of Insect Behavior, 1994, 8, 365-380.	0.4	19
130	Worker Size Polymorphism Conditioning Size Matching in Two Sympatric Seed-Harvesting Ants. Oikos, 1994, 71, 261.	1.2	35
131	Behavioral repertoire of the antCataglyphis cursor (Hymenoptera: Formicidae): Is it possible to elaborate a standard specific one?. Journal of Insect Behavior, 1991, 4, 139-155.	0.4	8
132		0.5	29
133	Social Organization of Cataglyphis cursor Ant Colonies (Hymenoptera, Formicidae): Interâ€, and Intraspecific Comparisons. Ethology, 1990, 84, 105-122.	0.5	32
134	Projecting the distribution and abundance of Mediterranean tree species under climate change: a demographic approach. Journal of Plant Ecology, 0, , rtw081.	1.2	2