

Jorge A Meave

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

105
papers

5,085
citations

36
h-index

70
g-index

115
ext. papers

6,257
ext. citations

4.5
avg, IF

5.27
L-index

#	Paper	IF	Citations
105	Biomass resilience of Neotropical secondary forests. <i>Nature</i> , 2016 , 530, 211-4	50.4	557
104	Functional traits and environmental filtering drive community assembly in a species-rich tropical system. <i>Ecology</i> , 2010 , 91, 386-98	4.6	349
103	Carbon sequestration potential of second-growth forest regeneration in the Latin American tropics. <i>Science Advances</i> , 2016 , 2, e1501639	14.3	289
102	Multiple successional pathways in human-modified tropical landscapes: new insights from forest succession, forest fragmentation and landscape ecology research. <i>Biological Reviews</i> , 2017 , 92, 326-340	13.5	272
101	Diversity enhances carbon storage in tropical forests. <i>Global Ecology and Biogeography</i> , 2015 , 24, 1314-1828		245
100	Successional dynamics in Neotropical forests are as uncertain as they are predictable. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 8013-8	11.5	206
99	Successional changes in functional composition contrast for dry and wet tropical forest. <i>Ecology</i> , 2013 , 94, 1211-6	4.6	180
98	Structure and floristic composition of the lowland rain forest of Los Tuxtlas, Mexico. <i>Plant Ecology</i> , 1988 , 74, 55-80		165
97	Biodiversity recovery of Neotropical secondary forests. <i>Science Advances</i> , 2019 , 5, eaau3114	14.3	161
96	Successional Change and Resilience of a Very Dry Tropical Deciduous Forest Following Shifting Agriculture. <i>Biotropica</i> , 2008 , 40, 422-431	2.3	144
95	Floristic composition and structure of vegetation under isolated trees in neotropical pastures. <i>Journal of Vegetation Science</i> , 1992 , 3, 655-664	3.1	140
94	Environmental changes during secondary succession in a tropical dry forest in Mexico. <i>Journal of Tropical Ecology</i> , 2011 , 27, 477-489	1.3	135
93	Biodiversity and climate determine the functioning of Neotropical forests. <i>Global Ecology and Biogeography</i> , 2017 , 26, 1423-1434	6.1	110
92	Phylogenetic classification of the world's tropical forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 1837-1842	11.5	107
91	Pathways, mechanisms and predictability of vegetation change during tropical dry forest succession. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2010 , 12, 267-275	3	91
90	Tropical montane cloud forests: current threats and opportunities for their conservation and sustainable management in Mexico. <i>Journal of Environmental Management</i> , 2011 , 92, 974-81	7.9	79
89	Diversity and vegetation structure as influenced by slope aspect and altitude in a seasonally dry tropical landscape. <i>Landscape Ecology</i> , 2009 , 24, 473-482	4.3	77

88	Fire in the tropical gallery forests of Belize. <i>Journal of Biogeography</i> , 1997 , 24, 23-34	4.1	74
87	Legume abundance along successional and rainfall gradients in Neotropical forests. <i>Nature Ecology and Evolution</i> , 2018 , 2, 1104-1111	12.3	71
86	Wet and dry tropical forests show opposite successional pathways in wood density but converge over time. <i>Nature Ecology and Evolution</i> , 2019 , 3, 928-934	12.3	70
85	Functional trait strategies of trees in dry and wet tropical forests are similar but differ in their consequences for succession. <i>PLoS ONE</i> , 2014 , 10, e0123741	3.7	69
84	Higher Taxa as Surrogates of Plant Biodiversity in a Megadiverse Country. <i>Conservation Biology</i> , 2005 , 19, 232-238	6	62
83	Riparian Habitats as Tropical Forest Refugia. <i>Global Ecology and Biogeography Letters</i> , 1991 , 1, 69		58
82	Maintenance of Rain Forest Diversity in Riparian Forests of Tropical Savannas: Implications for Species Conservation During Pleistocene Drought. <i>Journal of Biogeography</i> , 1994 , 21, 121	4.1	57
81	Conserving tropical tree diversity and forest structure: the value of small rainforest patches in moderately-managed landscapes. <i>PLoS ONE</i> , 2014 , 9, e98931	3.7	54
80	ENVIRONMENTAL DETERIORATION IN RURAL MEXICO: AN EXAMINATION OF THE CONCEPT 1997 , 7, 316-329		54
79	Predicting tropical dry forest successional attributes from space: is the key hidden in image texture?. <i>PLoS ONE</i> , 2012 , 7, e30506	3.7	49
78	Modeling Biodiversity in a tropical forest from remotely sensed and spatial data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2012 , 19, 359-368	7.3	48
77	Vegetación y flora de la región de Nizanda, istmo de Tehuantepec, Oaxaca, México. <i>Acta Botanica Mexicana</i> , 2001 , 19	1.2	48
76	Biogeographical analysis of the tree flora of the Yucatan Peninsula. <i>Journal of Biogeography</i> , 2002 , 29, 17-29	4.1	42
75	Effects of slope aspect and topographic position on environmental variables, disturbance regime and tree community attributes in a seasonal tropical dry forest. <i>Journal of Vegetation Science</i> , 2016 , 27, 1094-1103	3.1	40
74	The Potential of Tree Rings for the Study of Forest Succession in Southern Mexico. <i>Biotropica</i> , 2009 , 41, 186-195	2.3	40
73	Patterns in the vertical structure of the tropical lowland rain forest of Los Tuxtlas, Mexico. <i>Plant Ecology</i> , 1988 , 74, 81-91		40
72	Environmental gradients and the evolution of successional habitat specialization: a test case with 14 Neotropical forest sites. <i>Journal of Ecology</i> , 2015 , 103, 1276-1290	6	38
71	The role of rustic coffee plantations in the conservation of wild tree diversity in the Chinantec region of Mexico. <i>Biodiversity and Conservation</i> , 2005 , 14, 1225-1240	3.4	37

70	Combining geostatistical models and remotely sensed data to improve tropical tree richness mapping. <i>Ecological Indicators</i> , 2011 , 11, 1046-1056	5.8	36
69	Cultural change and loss of ethnoecological knowledge among the Isthmus Zapotecs of Mexico. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2013 , 9, 40	3.9	35
68	Demographic Drivers of Aboveground Biomass Dynamics During Secondary Succession in Neotropical Dry and Wet Forests. <i>Ecosystems</i> , 2017 , 20, 340-353	3.9	34
67	βDiversity of functional groups of woody plants in a tropical dry forest in Yucatan. <i>PLoS ONE</i> , 2013 , 8, e73660	3.7	33
66	Socioeconomic context of land use and land cover change in Mexican biosphere reserves. <i>Environmental Conservation</i> , 2009 , 36, 180-191	3.3	31
65	Vegetation Heterogeneity and Life-Strategy Diversity in the Flora of the Heterogeneous Landscape of Nizanda, Oaxaca, Mexico. <i>Folia Geobotanica</i> , 2010 , 45, 143-161	1.4	30
64	Isolated Pasture Trees and the Vegetation under their Canopies in the Chiapas Coastal Plain, Mexico1. <i>Biotropica</i> , 1999 , 31, 243-254	2.3	30
63	Effect of forest fragmentation on the woody flora of the highlands of Chiapas, Mexico. <i>Biodiversity and Conservation</i> , 2004 , 13, 867-884	3.4	29
62	Partitioning the variation of woody plant βdiversity in a landscape of secondary tropical dry forests across spatial scales. <i>Journal of Vegetation Science</i> , 2013 , 24, 33-45	3.1	27
61	Heterogeneity of xerophytic vegetation of limestone outcrops in a tropical deciduous forest region in southern México. <i>Plant Ecology</i> , 2005 , 175, 147-163	1.7	26
60	Elevational Variation of Leaf Traits in Montane Rain Forest Tree Species at La Chinantla, Southern México1. <i>Biotropica</i> , 2002 , 34, 534	2.3	26
59	Elevational Variation of Leaf Traits in Montane Rain Forest Tree Species at La Chinantla, Southern México1. <i>Biotropica</i> , 2002 , 34, 534-546	2.3	24
58	Reproductive phenology of useful Seasonally Dry Tropical Forest trees: Guiding patterns for seed collection and plant propagation in nurseries. <i>Forest Ecology and Management</i> , 2017 , 393, 52-62	3.9	23
57	Multidimensional tropical forest recovery. <i>Science</i> , 2021 , 374, 1370-1376	33.3	23
56	Spatial structure of plant communities in a complex tropical landscape: implications for βdiversity. <i>Community Ecology</i> , 2010 , 11, 202-210	1.2	19
55	Coexistence and divergence of tropical dry forests and savannas in southern Mexico. <i>Journal of Biogeography</i> , 2006 , 33, 438-447	4.1	19
54	Flora y vegetaci3n de los tr3picos estacionalmente secos en M3xico: origen e implicaciones biogeogr3ficas. <i>Acta Botanica Mexicana</i> , 2012 , 149	1.2	19
53	Can Pinus plantations facilitate reintroduction of endangered cloud forest species?. <i>Landscape and Ecological Engineering</i> , 2016 , 12, 99-104	2	18

52	Is facilitation a promising strategy for cloud forest restoration?. <i>Forest Ecology and Management</i> , 2014 , 329, 328-333	3.9	18
51	Elevational patterns in the vascular flora of a highly diverse region in southern Mexico. <i>Plant Ecology</i> , 2012 , 213, 1209-1220	1.7	18
50	Seedling biomass allocation and vital rates of cloud forest tree species: Responses to light in shade house conditions. <i>Forest Ecology and Management</i> , 2009 , 258, 1650-1659	3.9	18
49	The scale of landscape effect on seed dispersal depends on both response variables and landscape predictor. <i>Landscape Ecology</i> , 2019 , 34, 1069-1080	4.3	17
48	Environmental determinism and neutrality in vegetation at millennial time scales. <i>Journal of Vegetation Science</i> , 2014 , 25, 627-635	3.1	16
47	Growth analysis of nine multipurpose woody legumes native from southern Mexico. <i>Forest Ecology and Management</i> , 1998 , 110, 329-341	3.9	15
46	Variation of functional traits in trees from a biogeographically complex Mexican cloud forest. <i>Acta Oecologica</i> , 2008 , 34, 111-121	1.7	12
45	Regional context and dispersal mode drive the impact of landscape structure on seed dispersal. <i>Ecological Applications</i> , 2020 , 30, e02033	4.9	12
44	Vegetation recovery and plant facilitation in a human-disturbed lava field in a megacity: searching tools for ecosystem restoration. <i>Plant Ecology</i> , 2013 , 214, 153-167	1.7	11
43	Edaphic and Seasonal Heterogeneity of Seed Banks in Agricultural Fields of a Tropical Dry Forest Region in Southern Mexico. <i>Botanical Sciences</i> , 2014 , 90, 287	1.4	11
42	The Tree Biodiversity Network (BIOTREE-NET): prospects for biodiversity research and conservation in the Neotropics. <i>Biodiversity and Ecology = Biodiversitat Und Okologie</i> , 2012 , 4, 211-224		11
41	Individual Canopy-tree Species Effects on Their Immediate Understorey Microsite and Sapling Community Dynamics. <i>Biotropica</i> , 2011 , 43, 572-581	2.3	10
40	The effect of treefall gaps on the understorey structure and composition of the tropical dry forest of Nizanda, Oaxaca, Mexico: implications for forest regeneration. <i>Journal of Tropical Ecology</i> , 2016 , 32, 89-106	1.3	10
39	Stem tilting in the inter-tropical cactus <i>Echinocactus platyacanthus</i> : an adaptive solution to the trade-off between radiation acquisition and temperature control. <i>Plant Biology</i> , 2014 , 16, 571-7	3.7	9
38	Estructura y composición florística de las sabanas de la región de Nizanda, Istmo de Tehuantepec (Oaxaca), México. <i>Acta Botanica Mexicana</i> , 2006 , 41	1.2	9
37	Predicting old-growth tropical forest attributes from very high resolution (VHR)-derived surface metrics. <i>International Journal of Remote Sensing</i> , 2017 , 38, 492-513	3.1	8
36	The relationship of meteorological patterns with changes in floristic richness along a large elevational gradient in a seasonally dry region of southern Mexico. <i>International Journal of Biometeorology</i> , 2015 , 59, 1861-74	3.7	8
35	Experimental reintroduction and host preference of the microendemic and endangered orchid <i>Barkeria whartoniana</i> in a Mexican Tropical Dry Forest. <i>Journal for Nature Conservation</i> , 2018 , 43, 156-164	2.3	8

34	Lands at risk: Land use/land cover change in two contrasting tropical dry regions of Mexico. <i>Applied Geography</i> , 2018 , 99, 22-30	4.4	8
33	Spatial structure of the abiotic environment and its association with sapling community structure and dynamics in a cloud forest. <i>International Journal of Biometeorology</i> , 2012 , 56, 305-18	3.7	8
32	Reproductive Phenology and Seed Germination in Eight Tree Species From a Seasonally Dry Tropical Forest of Morelos, Mexico: Implications for Community-Oriented Restoration and Conservation. <i>Tropical Conservation Science</i> , 2018 , 11, 194008291774994	1.4	7
31	Fragmentation and matrix contrast favor understory plants through negative cascading effects on a strong competitor palm 2018 , 28, 1546-1553		7
30	Floristic and structural contrasts between natural savannas and anthropogenic pastures in a tropical dry landscape. <i>Rangeland Journal</i> , 2007 , 29, 181	1.5	7
29	Checklist of the vascular flora of a portion of the hyper-humid region of La Chinantla, Northern Oaxaca Range, Mexico. <i>Botanical Sciences</i> , 2017 , 95, 722	1.4	7
28	Did the community structure of a coral reef patch affected by a ship grounding recover after 15 years? Merging historical and recent data sets. <i>Ocean and Coastal Management</i> , 2017 , 144, 59-70	3.9	6
27	Canopy height variation and environmental heterogeneity in the tropical dry forests of coastal Oaxaca, Mexico. <i>Biotropica</i> , 2018 , 50, 26-38	2.3	5
26	Relating species richness to the structure of continuous landscapes: alternative methodological approaches. <i>Ecosphere</i> , 2018 , 9, e02189	3.1	5
25	Estructura, composición y diversidad de la selva baja caducifolia del Cerro Verde, Nizanda (Oaxaca), México. <i>Botanical Sciences</i> , 2017 , 19	1.4	5
24	Using Google Earth Surface Metrics to Predict Plant Species Richness in a Complex Landscape. <i>Remote Sensing</i> , 2016 , 8, 865	5	5
23	Guiding seed source selection for the production of tropical dry forest trees: <i>Coulteria platyloba</i> as study model. <i>Forest Ecology and Management</i> , 2019 , 446, 105-114	3.9	4
22	Functional recovery of secondary tropical forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	4
21	The role of edaphic factors on plant species richness and diversity along altitudinal gradients in the Brazilian semi-arid region. <i>Journal of Tropical Ecology</i> , 2020 , 36, 199-212	1.3	4
20	Tree recruitment failure in old-growth forest patches across human-modified rainforests. <i>Journal of Ecology</i> , 2021 , 109, 2354-2366	6	4
19	Structure and diversity of oak forests in the El Tepozteco National Park (Morelos, Mexico). <i>Botanical Sciences</i> , 2015 , 93, 429	1.4	3
18	Análisis estructural de un bosque mesófilo de montaña en el extremo oriental de la Sierra Madre del Sur (Oaxaca), México. <i>Botanical Sciences</i> , 2017 , 13	1.4	3
17	Wood density, deposits and mineral inclusions of successional tropical dry forest species. <i>European Journal of Forest Research</i> , 2020 , 139, 369-381	2.7	3

16	Interplay of environmental cues and wood density in the vegetative and reproductive phenology of seasonally dry tropical forest trees. <i>Biotropica</i> , 2022 , 54, 500-514	2.3	3
15	Spatial correlates of floristic and structural variation in a Neotropical wetland forest. <i>Wetlands Ecology and Management</i> , 2020 , 28, 341-356	2.1	2
14	El bosque mesófilo de la región de Puerto Soledad (Oaxaca), México: Análisis estructural. <i>Botanical Sciences</i> , 2017 , 23	1.4	2
13	Seasonal and successional dynamics of size-dependent plant demographic rates in a tropical dry forest. <i>PeerJ</i> , 2020 , 8, e9636	3.1	2
12	Deterioro ambiental, una propuesta conceptual para zonas rurales de México. <i>Economía, Sociedad Y Territorio</i> ,	2	2
11	Estructura y diversidad de especies leñosas del matorral rosetófilo de <i>Dasyllirion cedrosanum</i> (Nolinaceae) del centro y sur del estado de Coahuila, Mexico.. <i>Botanical Sciences</i> , 2014 , 91, 335	1.4	2
10	Integrating pattern-based modelling and political ecology in land-use change research: the case of Mexican dry tropics. <i>Journal of Land Use Science</i> , 2020 , 15, 252-269	2.7	2
9	Successional dynamics of the bee community in a tropical dry forest: Insights from taxonomy and functional ecology. <i>Biotropica</i> , 2019 , 51, 62-74	2.3	2
8	Wood anatomy of dominant species with contrasting ecological performance in tropical dry forest succession. <i>Plant Biosystems</i> , 2020 , 154, 524-534	1.6	2
7	Autogenic regulation and resilience in tropical dry forest. <i>Journal of Ecology</i> , 2021 , 109, 3295-3307	6	2
6	Landscape-scale effects of geomorphological heterogeneity on variability of oak forest structure and composition in a monogenetic volcanic field. <i>Plant Ecology and Diversity</i> , 2017 , 10, 167-174	2.2	1
5	Integrating conservation and socioeconomic development: the potential of community nurseries in Mexican protected areas. <i>Environmental Conservation</i> , 2019 , 46, 310-317	3.3	1
4	Synergic Effect of <i>Mucuna pruriens</i> var. <i>Utilis</i> (Fabaceae) and <i>Pontoscolex corethrurus</i> (Oligochaeta, Glossoscolecidae) on the Growth of <i>Quercus insignis</i> (Fagaceae) Seedlings, a Native Species of the Mexican Cloud Forest. <i>Open Journal of Forestry</i> , 2014 , 04, 1-7	0.4	1
3	An Assessment of the Spatial Variability of Tropical Swamp Forest along a 300 km Long Transect in the Usumacinta River Basin, Mexico. <i>Forests</i> , 2020 , 11, 1238	2.8	1
2	Using spatial patterns of seeds and saplings to assess the prevalence of heterospecific replacements among cloud forest canopy tree species. <i>Journal of Vegetation Science</i> , e13083	3.1	1
1	Quantifying phenological diversity: a framework based on Hill numbers theory.. <i>PeerJ</i> , 2022 , 10, e13412	3.1	