

# Jorge A Meave

## List of Publications by Year in descending order

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115  
papers

7,457  
citations

81900

39  
h-index

58581

82  
g-index

117  
all docs

117  
docs citations

117  
times ranked

7540  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.6	5
2	Forest loss and treeless matrices cause the functional impoverishment of sapling communities in old-growth forest patches across tropical regions. <i>Journal of Applied Ecology</i> , 2022, 59, 1897-1910.	4.0	3
3	Quantifying phenological diversity: a framework based on Hill numbers theory. <i>PeerJ</i> , 2022, 10, e13412.	2.0	2
4	Strong floristic distinctiveness across Neotropical successional forests. <i>Science Advances</i> , 2022, 8, .	10.3	10
5	The effect of natural disturbances on forest biodiversity: an ecological synthesis. <i>Biological Reviews</i> , 2022, 97, 1930-1947.	10.4	40
6	Tree recruitment failure in old-growth forest patches across human-modified rainforests. <i>Journal of Ecology</i> , 2021, 109, 2354-2366.	4.0	12
7	Pollination success in three tropical dry forest orchid species from Mexico: insights from floral display, visitation rates, and flower micromorphology. <i>Botanical Sciences</i> , 2021, 99, 771-790.	0.8	1
8	Autogenic regulation and resilience in tropical dry forest. <i>Journal of Ecology</i> , 2021, 109, 3295-3307.	4.0	7
9	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> , 2021, 32, e13083.	2.2	3
10	Functional recovery of secondary tropical forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	34
11	Multidimensional tropical forest recovery. <i>Science</i> , 2021, 374, 1370-1376.	12.6	165
12	Wood density, deposits and mineral inclusions of successional tropical dry forest species. <i>European Journal of Forest Research</i> , 2020, 139, 369-381.	2.5	7
13	Wood anatomy of dominant species with contrasting ecological performance in tropical dry forest succession. <i>Plant Biosystems</i> , 2020, 154, 524-534.	1.6	5
14	Regional context and dispersal mode drive the impact of landscape structure on seed dispersal. <i>Ecological Applications</i> , 2020, 30, e02033.	3.8	24
15	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.	2.2	2
16	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.	1.1	10
17	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.	2.1	1
18	Spatial correlates of floristic and structural variation in a Neotropical wetland forest. <i>Wetlands Ecology and Management</i> , 2020, 28, 341-356.	1.5	3

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19	Seasonal and successional dynamics of size-dependent plant demographic rates in a tropical dry forest. <i>PeerJ</i> , 2020, 8, e9636.	2.0	7
20	Integrating conservation and socioeconomic development: the potential of community nurseries in Mexican protected areas. <i>Environmental Conservation</i> , 2019, 46, 310-317.	1.3	2
21	Guiding seed source selection for the production of tropical dry forest trees: <i>Couleria platyloba</i> as study model. <i>Forest Ecology and Management</i> , 2019, 446, 105-114.	3.2	9
22	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.	7.8	120
23	The scale of landscape effect on seed dispersal depends on both response variables and landscape predictor. <i>Landscape Ecology</i> , 2019, 34, 1069-1080.	4.2	31
24	Biodiversity recovery of Neotropical secondary forests. <i>Science Advances</i> , 2019, 5, eaau3114.	10.3	291
25	Successional dynamics of the bee community in a tropical dry forest: Insights from taxonomy and functional ecology. <i>Biotropica</i> , 2019, 51, 62-74.	1.6	7
26	Editorial 75 aniversario 97(2) 2019. <i>Botanical Sciences</i> , 2019, 97, 133.	0.8	1
27	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.	1.2	19
28	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.	1.8	12
29	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.	7.1	144
30	Fragmentation and matrix contrast favor understory plants through negative cascading effects on a strong competitor palm. <i>Ecological Applications</i> , 2018, 28, 1546-1553.	3.8	11
31	Canopy height variation and environmental heterogeneity in the tropical dry forests of coastal Oaxaca, Mexico. <i>Biotropica</i> , 2018, 50, 26-38.	1.6	6
32	Legume abundance along successional and rainfall gradients in Neotropical forests. <i>Nature Ecology and Evolution</i> , 2018, 2, 1104-1111.	7.8	107
33	Relating species richness to the structure of continuous landscapes: alternative methodological approaches. <i>Ecosphere</i> , 2018, 9, e02189.	2.2	7
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.	3.7	14
35	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.	10.4	410
36	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.	4.4	10

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37	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.	2.4	3
38	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.	3.2	46
39	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.	2.9	12
40	Biodiversity and climate determine the functioning of Neotropical forests. <i>Global Ecology and Biogeography</i> , 2017, 26, 1423-1434.	5.8	193
41	Demographic Drivers of Aboveground Biomass Dynamics During Secondary Succession in Neotropical Dry and Wet Forests. <i>Ecosystems</i> , 2017, 20, 340-353.	3.4	37
42	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, 722-759.	0.8	20
43	Using Google Earth Surface Metrics to Predict Plant Species Richness in a Complex Landscape. <i>Remote Sensing</i> , 2016, 8, 865.	4.0	6
44	The effect of treefall gaps on the understory 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.	1.1	13
45	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.	2.2	82
46	Carbon sequestration potential of second-growth forest regeneration in the Latin American tropics. <i>Science Advances</i> , 2016, 2, e1501639.	10.3	423
47	Biomass resilience of Neotropical secondary forests. <i>Nature</i> , 2016, 530, 211-214.	27.8	763
48	Can Pinus plantations facilitate reintroduction of endangered cloud forest species?. <i>Landscape and Ecological Engineering</i> , 2016, 12, 99-104.	1.5	26
49	Diversity enhances carbon storage in tropical forests. <i>Global Ecology and Biogeography</i> , 2015, 24, 1314-1328.	5.8	366
50	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.	4.0	50
51	Functional Trait Strategies of Trees in Dry and Wet Tropical Forests Are Similar but Differ in Their Consequences for Succession. <i>PLoS ONE</i> , 2015, 10, e0123741.	2.5	102
52	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, 8013-8018.	7.1	272
53	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, 1861-1874.	3.0	17
54	Structure and diversity of oak forests in the El Tepozteco National Park (Morelos, Mexico). <i>Botanical Sciences</i> , 2015, 93, 429.	0.8	7

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55	Conserving Tropical Tree Diversity and Forest Structure: The Value of Small Rainforest Patches in Moderately-Managed Landscapes. PLoS ONE, 2014, 9, e98931.	2.5	64
56	Environmental determinism and neutrality in vegetation at millennial time scales. Journal of Vegetation Science, 2014, 25, 627-635.	2.2	23
57	Stem tilting in the intertropical cactus <i>Chinocactus platyacanthus</i> : an adaptive solution to the trade-off between radiation acquisition and temperature control. Plant Biology, 2014, 16, 571-577.	3.8	11
58	Is facilitation a promising strategy for cloud forest restoration?. Forest Ecology and Management, 2014, 329, 328-333.	3.2	32
59	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. Open Journal of Forestry, 2014, 04, 1-7.	0.3	2
60	Estructura y diversidad de especies leñosas del matorral rosetal de <i>Dasyllirion cedrosanum</i> (Nolinaceae) del centro y sur del estado de Coahuila, Mexico.. Botanical Sciences, 2014, 91, 335.	0.8	5
61	Partitioning the variation of woody plant diversity in a landscape of secondary tropical dry forests across spatial scales. Journal of Vegetation Science, 2013, 24, 33-45.	2.2	33
62	Cultural change and loss of ethnoecological knowledge among the Isthmus Zapotecs of Mexico. Journal of Ethnobiology and Ethnomedicine, 2013, 9, 40.	2.6	65
63	Vegetation recovery and plant facilitation in a human-disturbed lava field in a megacity: searching tools for ecosystem restoration. Plant Ecology, 2013, 214, 153-167.	1.6	23
64	Successional changes in functional composition contrast for dry and wet tropical forest. Ecology, 2013, 94, 1211-1216.	3.2	239
65	$\beta$ -Diversity of Functional Groups of Woody Plants in a Tropical Dry Forest in Yucatan. PLoS ONE, 2013, 8, e73660.	2.5	39
66	Modeling $\alpha$ - and $\beta$ -diversity in a tropical forest from remotely sensed and spatial data. International Journal of Applied Earth Observation and Geoinformation, 2012, 19, 359-368.	2.8	62
67	Elevational patterns in the vascular flora of a highly diverse region in southern Mexico. Plant Ecology, 2012, 213, 1209-1220.	1.6	24
68	Spatial structure of the abiotic environment and its association with sapling community structure and dynamics in a cloud forest. International Journal of Biometeorology, 2012, 56, 305-318.	3.0	9
69	Predicting Tropical Dry Forest Successional Attributes from Space: Is the Key Hidden in Image Texture?. PLoS ONE, 2012, 7, e30506.	2.5	65
70	Edaphic and seasonal heterogeneity of seed banks in agricultural fields of a tropical dry forest region in southern Mexico. Botanical Sciences, 2012, 90, 313-329.	0.8	15
71	Flora y vegetación de los trópicos estacionalmente secos en México: origen e implicaciones biogeográficas. Acta Botanica Mexicana, 2012, , 149.	0.3	21
72	The Tree Biodiversity Network (BIOTREE-NET): prospects for biodiversity research and conservation in the Neotropics. Biodiversity and Ecology = Biodiversität Und Ökologie, 2012, 4, 211-224.	0.3	14

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73	Botanical Sciences, nuevo nombre y otras adecuaciones editoriales para el Boletín de la Sociedad Botánica de México. Botanical Sciences, 2012, 90, 1-11.	0.8	2
74	Combining geostatistical models and remotely sensed data to improve tropical tree richness mapping. Ecological Indicators, 2011, 11, 1046-1056.	6.3	40
75	Individual Canopy-tree Species Effects on Their Immediate Understory Microsite and Sapling Community Dynamics. Biotropica, 2011, 43, 572-581.	1.6	12
76	Tropical montane cloud forests: Current threats and opportunities for their conservation and sustainable management in Mexico. Journal of Environmental Management, 2011, 92, 974-981.	7.8	114
77	Environmental changes during secondary succession in a tropical dry forest in Mexico. Journal of Tropical Ecology, 2011, 27, 477-489.	1.1	172
78	Vegetation Heterogeneity and Life-Strategy Diversity in the Flora of the Heterogeneous Landscape of Nizanda, Oaxaca, Mexico. Folia Geobotanica, 2010, 45, 143-161.	0.9	41
79	Spatial structure of plant communities in a complex tropical landscape: implications for $\beta$ -diversity. Community Ecology, 2010, 11, 202-210.	0.9	24
80	Pathways, mechanisms and predictability of vegetation change during tropical dry forest succession. Perspectives in Plant Ecology, Evolution and Systematics, 2010, 12, 267-275.	2.7	123
81	Functional traits and environmental filtering drive community assembly in a species-rich tropical system. Ecology, 2010, 91, 386-398.	3.2	447
82	Socioeconomic context of land use and land cover change in Mexican biosphere reserves. Environmental Conservation, 2009, 36, 180-191.	1.3	41
83	$\beta$ -Diversity and vegetation structure as influenced by slope aspect and altitude in a seasonally dry tropical landscape. Landscape Ecology, 2009, 24, 473-482.	4.2	100
84	The Potential of Tree Rings for the Study of Forest Succession in Southern Mexico. Biotropica, 2009, 41, 186-195.	1.6	50
85	Seedling biomass allocation and vital rates of cloud forest tree species: Responses to light in shade house conditions. Forest Ecology and Management, 2009, 258, 1650-1659.	3.2	26
86	Successional Change and Resilience of a Very Dry Tropical Deciduous Forest Following Shifting Agriculture. Biotropica, 2008, 40, 422-431.	1.6	185
87	Variation of functional traits in trees from a biogeographically complex Mexican cloud forest. Acta Oecologica, 2008, 34, 111-121.	1.1	14
88	Light-related variation in sapling architecture of three shade-tolerant tree species of the Mexican rain forest. Revista Chilena De Historia Natural, 2008, 81, .	1.2	0
89	Floristic and structural contrasts between natural savannas and anthropogenic pastures in a tropical dry landscape. Rangeland Journal, 2007, 29, 181.	0.9	8
90	Coexistence and divergence of tropical dry forests and savannas in southern Mexico. Journal of Biogeography, 2006, 33, 438-447.	3.0	29

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91	Estructura y composici3n flor3stica de las sabanas de la regi3n de Nizanda, Istmo de Tehuantepec (Oaxaca), M3xico. Acta Botanica Mexicana, 2006, , 41-67.	0.3	10
92	Higher Taxa as Surrogates of Plant Biodiversity in a Megadiverse Country. Conservation Biology, 2005, 19, 232-238.	4.7	76
93	Heterogeneity of xerophytic vegetation of limestone outcrops in a tropical deciduous forest region in southern M3xico. Plant Ecology, 2005, 175, 147-163.	1.6	41
94	The role of rustic coffee plantations in the conservation of wild tree diversity in the Chinantec region of Mexico. Biodiversity and Conservation, 2005, 14, 1225-1240.	2.6	51
95	Estructura, composici3n y diversidad de la selva baja caducifolia del Cerro Verde, Nizanda (Oaxaca), M3xico. Botanical Sciences, 2005, , 19-35.	0.8	19
96	Effect of forest fragmentation on the woody flora of the highlands of Chiapas, Mexico. Biodiversity and Conservation, 2004, 13, 867-884.	2.6	38
97	An3lisis estructural de un bosque mes3filo de monta3a en el extremo oriental de la Sierra Madre del Sur (Oaxaca), M3xico. Botanical Sciences, 2004, , 13-29.	0.8	6
98	Elevational Variation of Leaf Traits in Montane Rain Forest Tree Species at La Chinantla, Southern M3xico1. Biotropica, 2002, 34, 534.	1.6	30
99	Biogeographical analysis of the tree flora of the Yucatan Peninsula. Journal of Biogeography, 2002, 29, 17-29.	3.0	56
100	Elevational Variation of Leaf Traits in Montane Rain Forest Tree Species at La Chinantla, Southern Mexico1. Biotropica, 2002, 34, 534-546.	1.6	25
101	Vegetaci3n y flora de la regi3n de Nizanda, istmo de Tehuantepec, Oaxaca, M3xico. Acta Botanica Mexicana, 2001, , 19-88.	0.3	73
102	Isolated Pasture Trees and the Vegetation under their Canopies in the Chiapas Coastal Plain, Mexico1. Biotropica, 1999, 31, 243-254.	1.6	35
103	El bosque mes3filo de la regi3n de Puerto Soledad (Oaxaca), M3xico: An3lisis estructural. Botanical Sciences, 1999, , 23-37.	0.8	8
104	Growth analysis of nine multipurpose woody legumes native from southern Mexico. Forest Ecology and Management, 1998, 110, 329-341.	3.2	20
105	ENVIRONMENTAL DETERIORATION IN RURAL MEXICO: AN EXAMINATION OF THE CONCEPT. , 1997, 7, 316-329.		73
106	Fire in the tropical gallery forests of Belize. Journal of Biogeography, 1997, 24, 23-34.	3.0	96
107	Environmental Deterioration in Rural Mexico: An Examination of the Concept. , 1997, 7, 316.		0
108	Maintenance of Rain Forest Diversity in Riparian Forests of Tropical Savannas: Implications for Species Conservation During Pleistocene Drought. Journal of Biogeography, 1994, 21, 121.	3.0	92

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109	Floristic composition and structure of vegetation under isolated trees in neotropical pastures. <i>Journal of Vegetation Science</i> , 1992, 3, 655-664.	2.2	164
110	Riparian Habitats as Tropical Forest Refugia. <i>Global Ecology and Biogeography Letters</i> , 1991, 1, 69.	0.6	79
111	Structure and floristic composition of the lowland rain forest of Los Tuxtlas, Mexico. <i>Plant Ecology</i> , 1988, 74, 55-80.	1.2	233
112	Patterns in the vertical structure of the tropical lowland rain forest of Los Tuxtlas, Mexico. <i>Plant Ecology</i> , 1988, 74, 81-91.	1.2	56
113	LA VEGETACIÓN EN UN MUNDO CAMBIANTE: ESTADO BASAL, ESTABILIDAD Y RESILIENCIA DE UN SISTEMA COMPLEJO. , 0, , 1-23.		1
114	Deterioro ambiental, una propuesta conceptual para zonas rurales de México. <i>Economía, Sociedad Y Territorio</i> , 0, , .	0.1	3
115	The above-“belowground functional space of tropical dry forest communities responds to local hydric habitats. <i>Biotropica</i> , 0, , .	1.6	3