

# Marcus Lehnert

## List of Publications by Year in descending order

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75  
papers

2,487  
citations

394421

19  
h-index

214800

47  
g-index

75  
all docs

75  
docs citations

75  
times ranked

2857  
citing authors

#	ARTICLE	IF	CITATIONS
1	A communityâ€derived classification for extant lycophytes and ferns. <i>Journal of Systematics and Evolution</i> , 2016, 54, 563-603.	3.1	1,040
2	Global warming, elevational ranges and the vulnerability of tropical biota. <i>Biological Conservation</i> , 2011, 144, 548-557.	4.1	185
3	New Guinea has the worldâ€™s richest island flora. <i>Nature</i> , 2020, 584, 579-583.	27.8	108
4	Impact of the quality of climate models for modelling species occurrences in countries with poor climatic documentation: a case study from Bolivia. <i>Ecological Modelling</i> , 2010, 221, 1221-1229.	2.5	101
5	The effect of area on local and regional elevational patterns of species richness. <i>Journal of Biogeography</i> , 2011, 38, 1177-1185.	3.0	72
6	Bryophyte cover on trees as proxy for air humidity in the tropics. <i>Ecological Indicators</i> , 2012, 20, 277-281.	6.3	66
7	Diversity patterns of ferns along elevational gradients in Andean tropical forests. <i>Plant Ecology and Diversity</i> , 2015, 8, 13-24.	2.4	65
8	Limited protection and ongoing loss of tropical cloud forest biodiversity and ecosystems worldwide. <i>Nature Ecology and Evolution</i> , 2021, 5, 854-862.	7.8	51
9	A comparison of alpha and beta diversity patterns of ferns, bryophytes and macrolichens in tropical montane forests of southern Ecuador. <i>Biodiversity and Conservation</i> , 2010, 19, 2359-2369.	2.6	42
10	A target enrichment probe set for resolving the flagellate land plant tree of life. <i>Applications in Plant Sciences</i> , 2021, 9, e11406.	2.1	42
11	Global fern and lycophyte richness explained: How regional and local factors shape plot richness. <i>Journal of Biogeography</i> , 2020, 47, 59-71.	3.0	40
12	The importance of species pool size for community composition. <i>Ecography</i> , 2015, 38, 1243-1253.	4.5	34
13	Biogeography of the Gondwanan tree fern family Dicksoniaceaeâ€A tale of vicariance, dispersal and extinction. <i>Journal of Biogeography</i> , 2017, 44, 2648-2659.	3.0	34
14	Contribution to the knowledge of the bryophyte flora of Ecuador. <i>Phytotaxa</i> , 2013, 128, 1.	0.3	31
15	A review of symbiotic fungal endophytes in lycophytes and ferns â€a global phylogenetic and ecological perspective. <i>Symbiosis</i> , 2017, 71, 77-89.	2.3	31
16	Mycorrhizal Associations in Ferns from Southern Ecuador. <i>American Fern Journal</i> , 2009, 99, 292-306.	0.3	27
17	Mycorrhizal colonizations of ferns and lycophytes on the island of La R�union in relation to nutrient availability. <i>Basic and Applied Ecology</i> , 2010, 11, 329-336.	2.7	25
18	The Cyatheaceae (Polypodiopsida) of Peru. <i>Brittonia</i> , 2011, 63, 11-45.	0.2	23

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19	Functional Diversity in Ferns Is Driven by Species Richness Rather Than by Environmental Constraints. <i>Frontiers in Plant Science</i> , 2020, 11, 615723.	3.6	21
20	<p class="HeadingRunIn"><strong>Species of <em>Cyathea</em> in America related to the western Pacific species<em> C. decurrens</em></strong></p>Phytotaxa, 2016, 26, 39.	0.3	20
21	Priorities of action and research for the protection of biodiversity and ecosystem services in continental Ecuador. <i>Biological Conservation</i> , 2022, 265, 109404.	4.1	20
22	Six New Species of Tree Ferns from the Andes. <i>American Fern Journal</i> , 2003, 93, 169-183.	0.3	19
23	Latitudinal patterns of species richness and range size of ferns along elevational gradients at the transition from tropics to subtropics. <i>Journal of Biogeography</i> , 2020, 47, 1383-1397.	3.0	19
24	The Cyatheaceae and Dicksoniaceae (Pteridophyta) of Bolivia. <i>Brittonia</i> , 2006, 58, 229.	0.2	18
25	A survey of the mycorrhization of Southeast Asian ferns and lycophytes. <i>Plant Biology</i> , 2010, 12, 788-793.	3.8	18
26	A synopsis of the exindusiate species of <i>Cyathea</i> (Cyatheaceae-Polypodiopsida) with bipinnate-pinnatifid or more complex fronds, with a revision of the <i>C. lasiosora</i> complex. <i>Phytotaxa</i> , 2016, 243, 1.	0.3	18
27	Phylogeny of the Fern Genus <i>Melpomene</i> (Polypodiaceae) Inferred from Morphology and Chloroplast DNA Analysis. <i>Systematic Botany</i> , 2009, 34, 17-27.	0.5	16
28	The scaly tree ferns (Cyatheaceae-Polypodiopsida) of Brazil. <i>Acta Botanica Brasilica</i> , 2016, 30, 336-350.	0.8	16
29	On the identification of <i>Cyathea pallescens</i> (Sodiolo) Domin (Cyatheaceae): typifications, reinstatements and new descriptions of common Neotropical tree ferns. <i>Botanical Journal of the Linnean Society</i> , 2008, 158, 621-649.	1.6	14
30	Do ridge habitats contribute to pteridophyte diversity in tropical montane forests? A case study from southeastern Ecuador. <i>Journal of Plant Research</i> , 2009, 122, 421-428.	2.4	14
31	Three new species of scaly tree ferns ( <i>Cyathea</i> -Cyatheaceae) from the northern Andes. <i>Phytotaxa</i> , 2009, 1, 43.	0.3	14
32	The genus <i>Dicksonia</i> (Dicksoniaceae) in the western Pacific. <i>Phytotaxa</i> , 2013, 155, 23.	0.3	14
33	Slowly but surely: gradual diversification and phenotypic evolution in the hyper-diverse tree fern family Cyatheaceae. <i>Annals of Botany</i> , 2020, 125, 93-103.	2.9	14
34	New species and records of tree ferns (Cyatheaceae, Pteridophyta) from the northern Andes. <i>Organisms Diversity and Evolution</i> , 2006, 6, 321-322.	1.6	13
35	Ten New Species and Two New Combinations of <i>Blechnum</i> (Blechnaceae, Pteridophyta) from Bolivia. <i>American Fern Journal</i> , 2007, 97, 66-80.	0.3	12
36	<p class="HeadingRunIn"><strong>A synopsis of the species of <em>Cyathea</em> (Cyatheaceae-Polypodiopsida) with pinnate to pinnate-pinnatifid frond</strong></p>Phytotaxa, 2015, 61, 17.	0.3	12

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37	Three new scaly tree fern species ( <i>Cyathea</i> -Cyatheaceae) from the Amotape-Huancabamba Zone and their biogeographic context. <i>American Fern Journal</i> , 2016, 106, 175-190.	0.3	12
38	The Relictual Fern Genus <i>Loxomopsis</i> . <i>American Fern Journal</i> , 2001, 91, 13-24.	0.3	11
39	A proposal to distinguish several taxa in the Brazilian tree fern <i>Cyathea corcovadensis</i> (Cyatheaceae). <i>Phytotaxa</i> , 2013, 155, 35.	0.3	11
40	Prodromus of a fern flora for Bolivia. XL. Polypodiaceae. <i>Phytotaxa</i> , 2018, 354, 1.	0.3	11
41	A multilocus phylogeny of the non-photosynthetic parasitic plant <i>Cistanche</i> (Orobanchaceae) refutes current taxonomy and identifies four major morphologically distinct clades. <i>Molecular Phylogenetics and Evolution</i> , 2020, 151, 106898.	2.7	11
42	Reconsideration of <i>Alsophila odonelliana</i> (Cyatheaceae), an Andean tree fern. <i>Brittonia</i> , 2005, 57, 228-236.	0.2	10
43	Eleven New Species in the Grammitid Fern Genus <i>Melpomene</i> (Polypodiaceae). <i>American Fern Journal</i> , 2008, 98, 214-250.	0.3	10
44	Taxonomic and Ecological Notes on the <i>Alsophila hornei</i> Complex (Cyatheaceae-Polypodiopsida), with the Description of the New Species <i>A. phlebodes</i> from New Guinea. <i>Systematic Botany</i> , 2013, 38, 875-886.	0.5	10
45	The Unique <i>Purdiaea nutans</i> Forest of Southern Ecuador – Abiotic Characteristics and Cryptogamic Diversity. <i>Ecological Studies</i> , 2008, , 275-280.	1.2	8
46	Two new tree ferns (Cyatheaceae) from southern Ecuador. <i>Brittonia</i> , 2006, 58, 4-9.	0.2	7
47	FOUR NEW SPECIES OF SELAGINELLA (PTERIDOPHYTA – SELAGINELLACEAE) FROM BOLIVIA. <i>Edinburgh Journal of Botany</i> , 2006, 63, 85-93.	0.4	7
48	Volatile organic compounds in the strongly fragrant fern genus <i>Melpomene</i> (Polypodiaceae). <i>Plant Biology</i> , 2015, 17, 430-436.	3.8	7
49	Do you know <i>Cyathea divergens</i> (Cyatheaceae-Polypodiopsida)? <i>Phytotaxa</i> , 2014, 161, 1.	0.3	6
50	<i>Cyathea bettinae</i> (Cyatheaceae), a new tree fern from Bolivia. <i>Brittonia</i> , 2004, 56, 210-212.	0.2	5
51	New records, names and combinations of scaly tree ferns (Cyatheaceae) in eastern Malesia. <i>Blumea: Journal of Plant Taxonomy and Plant Geography</i> , 2017, 62, 92-96.	0.2	5
52	A Taxonomic and Biogeographic Reappraisal of the Genus <i>Dicksonia</i> (Dicksoniaceae) in the Neotropics. <i>Systematic Botany</i> , 2018, 43, 839-857.	0.5	5
53	Adiciones a la pteridoflora de Tabasco, México: la importancia del bosque mesófilo de montaña. <i>Acta Botanica Mexicana</i> , 2018, , 7-18.	0.3	5
54	<i>Melpomene anazalea</i> , a New Species of Grammitid Fern (Polypodiaceae). <i>American Fern Journal</i> , 2008, 98, 208-213.	0.3	4

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55	A new hybrid and further taxonomic notes on Brazilian tree ferns (Cyatheaceae). <i>Phytotaxa</i> , 2015, 231, 42.	0.3	4
56	<i>Dicksonia utteridgei</i> , a new species of hairy tree fern (Dicksoniaceae - Cyatheales) from New Guinea. <i>Blumea: Journal of Plant Taxonomy and Plant Geography</i> , 2018, 63, 140-143.	0.2	4
57	On the recognition of varieties in the grammitid fern genus <i>Melpomene</i> (Polypodiaceae). <i>Phytotaxa</i> , 2010, 5, 47.	0.3	3
58	Three new species of the <i>Cyathea</i> "Hymenophyllopsis" clade (Cyatheaceae) from Venezuela and Brazil. <i>Phytotaxa</i> , 2017, 329, 159.	0.3	3
59	Are Ridge Habitats Special Sites for Endemic Plants in Tropical Montane Rain Forests? A Case Study of Pteridophytes in Ecuador. <i>Folia Geobotanica</i> , 2009, 44, 387-398.	0.9	2
60	<i>Alsophila weidenbrueckii</i> (Cyatheaceae), a new scaly tree fern from Papua new Guinea. <i>Blumea: Journal of Plant Taxonomy and Plant Geography</i> , 2016, 61, 20-23.	0.2	2
61	A synopsis of the Neotropical species of <i>Cyathea</i> (Cyatheaceae; Polypodiopsida) with bipinnate fronds. <i>Brittonia</i> , 2017, 69, 71-90.	0.2	2
62	Prodromus of a fern flora for Bolivia. XX. Cyatheaceae. <i>Phytotaxa</i> , 2018, 334, 118.	0.3	2
63	A new scaly tree fern ( <i>Cyathea</i> : Cyatheaceae) from Colombia. <i>Brittonia</i> , 2018, 70, 166-172.	0.2	2
64	Prodromus of a fern flora for Bolivia. XXI. Dicksoniaceae. <i>Phytotaxa</i> , 2018, 344, 69.	0.3	2
65	Evolution of substrate specificity and fungal symbiosis in filmy ferns (Hymenophyllaceae): a Bayesian approach for ambiguous character state reconstruction. <i>Symbiosis</i> , 2019, 78, 141-147.	2.3	2
66	New Additions of Scaly Tree Ferns (Cyatheaceae) to the Flora of Colombia. <i>American Fern Journal</i> , 2019, 109, 77.	0.3	2
67	<i>Cyathea sunduei</i> , a new name for a recently described Colombian tree fern (Cyatheaceae). <i>Phytotaxa</i> , 2017, 291, 99.	0.3	1
68	The Scaly Tree Ferns Allied to <i>Cyathea multiflora</i> (Cyatheaceae) in Colombia and Neighboring Countries. <i>American Fern Journal</i> , 2021, 111, .	0.3	1
69	Influence of Increasing Nutrient Availability on Fern and Lycophyte Diversity. <i>American Fern Journal</i> , 2022, 112, .	0.3	1
70	Correction to <i>Phytotaxa</i> 61: A synopsis of the species of <i>Cyathea</i> (Cyatheaceae-Polypodiopsida) with pinnate to pinnate-pinnatifid fronds. <i>Phytotaxa</i> , 2013, 130, 60.	0.3	0
71	(2255) Proposal to conserve the name <i>Cyathea mucilaginata</i> against <i>C. ecuadorensis</i> (Cyatheaceae, Pteridophyta). <i>Taxon</i> , 2014, 63, 185-185.	0.7	0
72	Validation of a New Combination in the genus <i>Alsophila</i> (Cyatheaceae-Polypodiopsida). <i>Systematic Botany</i> , 2015, 40, 386-386.	0.5	0

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73	The genus <i>Dicksonia</i> (Dicksoniaceae - Cyatheaales) in western Malesia. <i>Blumea: Journal of Plant Taxonomy and Plant Geography</i> , 2018, , .	0.2	0
74	New species of scaly tree ferns (Cyatheaaceae) from New Guinea, and new combinations for the family for Malesia. <i>Kew Bulletin</i> , 2019, 74, 1.	0.9	0
75	<i>Cyathea fabiolae</i> (Cyatheaaceae, Polypodiopsida), a new scaly tree fern from the northern Andes. <i>Phytotaxa</i> , 2022, 550, .	0.3	0