Lucia G Lohmann

List of Publications by Year
in descending order

139	14,131	126858	22147
papers	citations	33 h-index	113 g-index

142	142	142	15551
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel methods improve prediction of speciesâ€™ distributions from occurrence data. Ecography, 2006, 29, 129-151.	2.1	6,691
2	Effects of sample size on the performance of species distribution models. Diversity and Distributions, 2008, 14, 763-773.	1.9	1,771
3	Growing knowledge: an overview of Seed Plant diversity in Brazil. Rodriguesia, 2015, 66, 1085-1113.	0.9	1,032
4	Sensitivity of predictive species distribution models to change in grain size. Diversity and Distributions, 2007, 13, 332-340.	1.9	445
5	The influence of spatial errors in species occurrence data used in distribution models. Journal of Applied Ecology, 2008, 45, 239-247.	1.9	401
6	Brazilian Flora 2020: Innovation and collaboration to meet Target 1 of the Global Strategy for Plant Conservation (GSPC). Rodriguesia, 2018, 69, 1513-1527.	0.9	398
7	New Brazilian Floristic List Highlights Conservation Challenges. BioScience, 2012, 62, 39-45.	2.2	270
8	Minimum sample sizes for population genomics: an empirical study from an Amazonian plant species. Molecular Ecology Resources, 2017, 17, 1136-1147.	2.2	212
9	Untangling the phylogeny of neotropical lianas (Bignonieae, Bignoniaceae). American Journal of Botany, 2006, 93, 304-318.	0.8	163
10	A molecular phylogeny and classification of Bignoniaceae. American Journal of Botany, 2009, 96, 1731-1743.	0.8	151
11	Comparing machine learning classifiers in potential distribution modelling. Expert Systems With Applications, 2011, 38, 5268-5275.	4.4	126
12	Predicting species distributions from herbarium collections: does climate bias in collection sampling influence model outcomes?. Journal of Biogeography, 2008, 35, 105-116.	1.4	125
13	A New Generic Classification of Tribe Bignonieae (Bignoniaceae)¹. Annals of the Missouri Botanical Garden, 2014, 99, 348-489.	1.3	119
14	Conceptual and empirical advances in Neotropical biodiversity research. PeerJ, 2018, 6, e5644.	0.9	107
15	An overview of the anatomy, development and evolution of the vascular system of lianas. Plant Ecology and Diversity, 2012, 5, 167-182.	1.0	91
16	EVOLUTIONARY BIOLOGY IN BIODIVERSITY SCIENCE, CONSERVATION, AND POLICY: A CALL TO ACTION. Evolution; International Journal of Organic Evolution, 2010, 64, 1517-28.	1.1	87
17	Pattern and timing of biogeographical history in the Neotropical tribe Bignonieae (Bignoniaceae). Botanical Journal of the Linnean Society, 2013, 171, 154-170.	0.8	78
18	Complete Chloroplast Genome of Tanaecium tetragonolobum: The First Bignoniaceae Plastome. PLoS ONE, 2015, 10, e0129930.	1.1	77

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19	The rise and evolution of the cambial variant in Bignonieae (Bignoniaceae). Evolution & Development, 2009, 11, 465-479.	1.1	74
20	Evolution of floral morphology and pollination system in Bignonieae (Bignoniaceae). American Journal of Botany, 2010, 97, 782-796.	0.8	68
21	Brazilian Flora 2020: Leveraging the power of a collaborative scientific network. Taxon, 2022, 71, 178-198.	0.4	68
22	Comparative Chloroplast Genomics at Low Taxonomic Levels: A Case Study Using Amphilophium (Bignonieae, Bignoniaceae). Frontiers in Plant Science, 2019, 10, 796.	1.7	55
23	Complete chloroplast genome sequences contribute to plant species delimitation: A case study of the Anemopaegma species complex. American Journal of Botany, 2017, 104, 1493-1509.	0.8	54
24	Wide but not impermeable: Testing the riverine barrier hypothesis for an Amazonian plant species. Molecular Ecology, 2017, 26, 3636-3648.	2.0	52
25	Phylogenetic Position and Floral Function of Siparuna (Siparunaceae: Laurales). International Journal of Plant Sciences, 1997, 158, S89-S98.	0.6	47
26	Trichome structure and evolution in Neotropical lianas. Annals of Botany, 2013, 112, 1331-1350.	1.4	47
27	A Phylogenetic Analysis of Lychnophorinae (Asteraceae: Vernonieae) Based on Molecular and Morphological Data. Systematic Botany, 2015, 40, 299-315.	0.2	47
28	Generic relationships and dating of lineages in Winteraceae based on nuclear (ITS) and plastid (rpS16) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.2	43
29	Contrasting patterns of diversification between Amazonian and Atlantic forest clades of Neotropical lianas (Amphilophium, Bignonieae) inferred from plastid genomic data. Molecular Phylogenetics and Evolution, 2019, 133, 92-106.	1.2	43
30	Wood anatomy of major Bignoniaceae clades. Plant Systematics and Evolution, 2015, 301, 967-995.	0.3	42
31	Evolution of disparity between the regular and variant phloem in Bignonieae (Bignoniaceae). American Journal of Botany, 2011, 98, 602-618.	0.8	40
32	Do extrafloral nectaries present a defensive role against herbivores in two species of the family Bignoniaceae in a Neotropical savannas?. Plant Ecology, 2012, 213, 289-301.	0.7	39
33	Presence-only and Presence-absence Data for Comparing Species Distribution Modeling Methods. Biodiversity Informatics, 2020, 15, 69-80.	3.0	38
34	Combining high-throughput sequencing and targeted loci data to infer the phylogeny of the â€œAdenocalymma-Neojobertiaâ€•clade (Bignonieae, Bignoniaceae). Molecular Phylogenetics and Evolution, 2018, 123, 1-15.	1.2	37
35	A comparison of hull methods for estimating species ranges and richness maps. Plant Ecology and Diversity, 2017, 10, 389-401.	1.0	34
36	Molecular phylogeny of tribe Rhipsalideae (Cactaceae) and taxonomic implications for Schlumbergera and Hatiora. Molecular Phylogenetics and Evolution, 2011, 58, 456-468.	1.2	30

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37	Secondary phloem diversity and evolution in Bignonieae (Bignoniaceae). Annals of Botany, 2015, 116, 333-358.	1.4	29
38	Plastome Rearrangements in the â€œAdenocalymma-Neojobertiaâ€•Clade (Bignonieae, Bignoniaceae) and Its Phylogenetic Implications. Frontiers in Plant Science, 2017, 8, 1875.	1.7	29
39	Evaluating character partitioning and molecular models in plastid phylogenomics at low taxonomic levels: A case study using Amphilophium (Bignonieae, Bignoniaceae). Journal of Systematics and Evolution, 2020, 58, 1071-1089.	1.6	29
40	Evolution of extrafloral nectaries: adaptive process and selective regime changes from forest to savanna. Journal of Evolutionary Biology, 2012, 25, 2325-2340.	0.8	28
41	Convergent Evolution and the Diverse Ontogenetic Origins of Tendrils in Angiosperms. Frontiers in Plant Science, 2018, 9, 403.	1.7	28
42	Patterns of Species and Lineage Diversity in the Atlantic Rainforest of Brazil. Fascinating Life Sciences, 2020, , 415-447.	0.5	28
43	Contrasting phylogenetic signals and evolutionary rates in floral traits of Neotropical lianas. Biological Journal of the Linnean Society, 2011, 102, 378-390.	0.7	27
44	Geographic Mosaic of Plant Evolution: Extrafloral Nectary Variation Mediated by Ant and Herbivore Assemblages. PLoS ONE, 2015, 10, e0123806.	1.1	26
45	Molecular Phylogeny, Evolution, and Biogeography of South American Epiphytic Cacti. International Journal of Plant Sciences, 2011, 172, 902-914.	0.6	25
46	The molecular control of tendril development in angiosperms. New Phytologist, 2018, 218, 944-958.	3.5	24
47	Exploring the potential of nuclear and mitochondrial sequencing data generated through genomeâ€skimming for plant phylogenetics: A case study from a clade of neotropical lianas. Journal of Systematics and Evolution, 2020, 58, 18-32.	1.6	24
48	Botanical Monography in the Anthropocene. Trends in Plant Science, 2021, 26, 433-441.	4.3	23
49	Polyploidy and polyembryony in Anemopaegma (Bignonieae, Bignoniaceae). Plant Reproduction, 2013, 26, 43-53.	1.3	22
50	Evolution and Development of Tendrils in Bignonieae (Lamiales, Bignoniaceae)¹. Annals of the Missouri Botanical Garden, 2014, 99, 323-347.	1.3	22
51	Tangled banks: A landscape genomic evaluation of Wallace's Riverine barrier hypothesis for three Amazon plant species. Molecular Ecology, 2019, 28, 980-997.	2.0	21
52	Understanding bias in geographic range size estimates. Global Ecology and Biogeography, 2012, 21, 732-742.	2.7	20
53	Primers for Phylogeny Reconstruction in Bignonieae (Bignoniaceae) Using Herbarium Samples. Applications in Plant Sciences, 2013, 1, 1300018.	0.8	19
54	Importance of dispersal in the assembly of the Neotropical biota. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5829-5831.	3.3	19

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55	Variation in the production of plant tissues bearing extrafloral nectaries explains temporal patterns of ant attendance in Amazonian understorey plants. Journal of Ecology, 2020, 108, 1578-1591.	1.9	19
56	The Effect of Phylogeny, Environment and Morphology on Communities of a Lianescent Clade (Bignonieae-Bignoniaceae) in Neotropical Biomes. PLoS ONE, 2014, 9, e90177.	1.1	19
57	Acquisition and diversification of tendrilled leaves in B ignonieae (B ignoniaceae) involved changes in		

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73	Deciphering the Neotropical Bignonia binata species complex (Bignoniaceae). Phytotaxa, 2015, 219, 69.	0.1	10
74	<div class="page" title="Page 1"><div class="layoutArea"><div class="column">Taxonomic Revision of Dolichandra (Bignonieae, Bignoniaceae) </div></div></div>. Phytotaxa, 2017, 301, 1.	0.1	10
75	Biodiversity only makes sense in the light of evolution. Journal of Biosciences, 2014, 39, 333-337.	0.5	9
76	Using online databases to produce comprehensive accounts of the vascular plants from the Brazilian protected areas: The Parque Nacional do Itatiaia as a case study. Biodiversity Data Journal, 2020, 8, e50837.	0.4	9
77	Climate niche conservatism does not explain restricted distribution patterns inTynanthus(Bignonieae,) Tj ETQq1 1 0.784314 rgBT /Over	0.8	8
78	Phylogenetic relationships of enigmatic Sphingiphila (Bignoniaceae) based on molecular and wood anatomical data. Taxon, 2016, 65, 1050-1063.	0.4	8
79	Phylogeny of the Neotropical tribe Jacarandeae (Bignoniaceae). American Journal of Botany, 2019, 106, 1589-1601.	0.8	8
80	Deconstructing species richnessâ€“environment relationships in Neotropical lianas. Journal of Biogeography, 2020, 47, 2168-2180.	1.4	8
81	An updated synopsis of Tanaecium (Bignonieae, Bignoniaceae). PhytoKeys, 2019, 132, 31-52.	0.4	8
82	Two new species of Adenocalymma (Bignonieae, Bignoniaceae) from the Atlantic Forest of Brazil. Phytotaxa, 2016, 284, 263.	0.1	7
83	Taxonomic Revision of Tynanthus (Bignonieae, Bignoniaceae). Phytotaxa, 2015, 216, 1.	0.1	6
84	A new species of Tanaecium (Bignonieae, Bignoniaceae) from the Brazilian Amazon and its phylogenetic placement. Plant Systematics and Evolution, 2018, 304, 1245-1253.	0.3	6
85	Recovering the drivers of sampling bias in Bignonieae (Bignoniaceae) and identifying priority areas for new survey efforts. Biodiversity and Conservation, 2021, 30, 2319-2339.	1.2	6
86	Phylogeny and Biogeography of the Amazonian Pachyptera (Bignonieae, Bignoniaceae). Systematic Botany, 2020, 45, 361-374.	0.2	6
87	Taxonomic revision of Pachyptera (Bignonieae, Bignoniaceae). PhytoKeys, 2018, 92, 89-131.	0.4	6
88	Problematic specimens turn out to be two undescribed species of Bignonia (Bignoniaceae). PhytoKeys, 2015, 56, 7-18.	0.4	5
89	Chapter 2: Evolution of Amazonian biodiversity. , 2021, , .		5
90	Synopsis of Martinella Baill. (Bignonieae, Bignoniaceae), with the description of a new species from theÂAtlanticÂForest of Brazil. PhytoKeys, 2014, 37, 15-24.	0.4	4

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91	Taxonomic updates in Dolichandra Cham. (Bignonieae, Bignoniaceae). PhytoKeys, 2015, 46, 35-43.	0.4	4
92	Structure of long-tubed white corollas: A case study from the trumpet-creeper family (Bignoniaceae). Flora: Morphology, Distribution, Functional Ecology of Plants, 2020, 268, 151598.	0.6	4
93	Flora das cangas da Serra dos CarajÃ¡s, ParÃ¡, Brasil: Bignoniaceae. Rodriguesia, 2018, 69, 1063-1079.	0.9	4
94	Adenocalymma cauliflorum (Bignonieae, Bignoniaceae), a New Cauliflorous Species from the Atlantic Forest of Eastern Brazil. Systematic Botany, 2017, 42, 584-589.	0.2	4
95	Flora of Pernambuco, Brazil: Tabebuia alliance and tribe Jacarandeae (Bignoniaceae). Biota Neotropica, 2019, 19, .	0.2	4
96	Framing the future for taxonomic monography: Improving recognition, support, and access. , 2022, 1, .		4
97	A Genomic Approach for Isolating Chloroplast Microsatellite Markers forPachyptera kerere(Bignoniaceae). Applications in Plant Sciences, 2016, 4, 1600055.	0.8	3
98	Reestablishment of Mansoa ventricosa (Bignonieae, Bignoniaceae) based on molecular and morphological data. Phytotaxa, 2017, 327, 141.	0.1	3
99	Taxonomic revision of Martinella Baill. (Bignonieae, Bignoniaceae). PhytoKeys, 2021, 177, 77-116.	0.4	3
100	Leaf cuticular waxes of Tanaecium (Bignonieae, Bignoniaceae): Chemical composition and taxonomic implications. Biochemical Systematics and Ecology, 2021, 98, 104325.	0.6	3
101	Two new species of Tynanthus Miers (Bignonieae, Bignoniaceae) from Brazil. PhytoKeys, 2014, 42, 77-85.	0.4	3
102	Putting small and big pieces together: a genome assembly approach reveals the largest Lamiid plastome in a woody vine. PeerJ, 2022, 10, e13207.	0.9	3
103	Spatioâ€temporal evolution of the catuaba clade in the Neotropics: Morphological shifts correlate with habitat transitions. Journal of Biogeography, 2022, 49, 1086-1098.	1.4	3
104	A new species of Adenocalymma (Bignonieae, Bignoniaceae) from Minas Gerais, Brazil. Brittonia, 2019, 71, 183-189.	0.8	2
105	Taxonomic Revision of Xylophragma (Bignonieae, Bignoniaceae). Systematic Botany, 2020, 45, 620-637.	0.2	2
106	Unravelling distribution patterns of Neotropical lianas: an analysis of endemicity of tribe Bignonieae (Bignoniaceae). Botanical Journal of the Linnean Society, 2022, 199, 470-495.	0.8	2
107	Predicting Patterns of Plant Diversity and Endemism in the Tropics Using Remote Sensing Data: A Study Case from the Brazilian Atlantic Forest. , 2020, , 255-266.		2
108	New records of the Tabebuia Alliance (Bignoniaceae) for the state of Paraiba, northeastern Brazil. Revista Mexicana De Biodiversidad, 2018, 89, .	0.4	2

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109	New records of the tribe Bignonieae (Bignoniaceae) for Paraiba state, northeastern Brazil. Acta Brasiliensis, 2019, 3, 89.	0.1	2
110	Diameters of phloem sieve elements can predict stem growth rates of woody plants. Tree Physiology, 2022, 42, 1560-1569.	1.4	2
111	Hydro-Edaphic Gradient and Phylogenetic History Explain the Landscape Distribution of a Highly Diverse Clade of Lianas in the Brazilian Amazon. Frontiers in Forests and Global Change, 2022, 5, .	1.0	2
112	From research to responsible advocacy: the Association for Tropical Biology and Conservation finds common ground in Aceh, Indonesia. Oryx, 2013, 47, 324-325.	0.5	1
113	Evidence of between-population differences in natural selection on extra-floral nectaries of the shrub Anemopaegma album (Bignoniaceae). Botany, 2016, 94, 201-213.	0.5	1
114	Using Genomic Data to Develop Chloroplast DNA SSRs for the Neotropical Liana Stizophyllum riparium (Bignonieae, Bignoniaceae). Applications in Plant Sciences, 2017, 5, 1700061.	0.8	1
115	Development of nuclear microsatellite markers in Stizophyllum (Bignoniaceae) using next-generation sequencing. Plant Genetic Resources: Characterisation and Utilisation, 2019, 17, 382-385.	0.4	1
116	Characterization of the first chloroplast genome of Tabebuia (Bignoniaceae). Mitochondrial DNA Part B: Resources, 2020, 5, 2954-2956.	0.2	1
117	In remembrance of: Scott A. Mori (1941â€“2020), Tropical Botanist Extraordinaire. Biotropica, 2021, 53, 339-346.	0.8	1
118	Taxonomic revisions in Fridericia (Bignonieae, Bignoniaceae) I: the â€œAcrodromous venationâ€•and â€œPiriadacusâ€•clades. Willdenowia, 2021, 51, .	0.5	1
119	<p><strong>Taxonomic placement of Tanaecium mutabile (Bignonieae,) Tj ETQq1 1 0.784314 rgBT /O Phytotaxa, 2020, 438, 289-300.	0.1	1
120	A Multi-platform Mobile Application to Collect Citizen Science Data for Bignoniaceae Phenological Research. Biodiversity Information Science and Standards, 0, 2, e25582.	0.0	1
121	A tribo Bignonieae (Bignoniaceae) no Parque Nacional do Itatiaia, sudeste do Brasil. Rodriguesia, 0, 71, .	0.9	1
122	Flora of Fazenda Aba, ParaÃba, Brazil: Bignoniaceae. Rodriguesia, 0, 72, .	0.9	1
123	Floristic survey of vascular plants of a poorly known area in the Brazilian Atlantic Forest (Flona do) Tj ETQq1 1 0.784314 rgBT /Overlo	0.4	1
124	Bignonieae (Bignoniaceae) from the Pico do Jabre, ParaÃba, Brazil: Taxonomic diversity and distribution. Rodriguesia, 0, 73, .	0.9	1
125	Development and characterization of microsatellite loci for Tabebuia cassinoides (Bignoniaceae). Genetics and Molecular Research, 2014, 13, 5601-5605.	0.3	0
126	(2334) Proposal to conserve the name Bignonia magnifica (Bignoniaceae) with a conserved type. Taxon, 2014, 63, 1376-1377.	0.4	0

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127	Typification of the Linnaean name Bignonia peruviana (Vitaceae). Phytotaxa, 2015, 236, 283.	0.1	0
128	Development of nuclear microsatellite markers in Stizophyllum (Bignoniaceae) using next-generation sequencing â€“ ADDENDUM. Plant Genetic Resources: Characterisation and Utilisation, 2019, 17, 468-468.	0.4	0
129	2019 ATBC Honorary Fellows. Biotropica, 2019, 51, 957-958.	0.8	0
130	Adenocalymma albiflorum (Bignonieae, Bignoniaceae), a new combination, notes on morphology and distribution. Brittonia, 2020, 72, 317-323.	0.8	0
131	Phylogenetic placement of enigmatic Astianthus (Bignoniaceae) based on molecular data, wood and bark anatomy. Botanical Sciences, 2021, 99, 398-412.	0.3	0
132	Anemopaegma kawense (Bignoniaceae), a new species from the Kaw Mountain (French Guiana), with notes on related species and a key to the genus in the Guianas. Plant Ecology and Evolution, 2021, 154, 296-306.	0.3	0
133	Deciphering the typification of the Neotropical genus Tanaecium (Bignonieae, Bignoniaceae). Taxon, 2021, 70, 1117.	0.4	0
134	2021 ATBC Honorary Fellows. Biotropica, 2021, 53, 1712-1713.	0.8	0
135	CHECK-LIST DAS BIGNONIACEAE DO ESTADO DE MATO GROSSO DO SUL. Iheringia - Serie Botanica, 2018, 73, 157-162.	0.0	0
136	BIGNONIACEAE: TRUMPET-CREEPER FAMILY. , 2019, , 449-450.		0
137	Tropical biologyÂand conservation in the time of the COVIDâ€19 pandemic. Biotropica, 2020, 52, 399-399.	0.8	0
138	2021 Student and Early Career Awards. Biotropica, 2021, 53, 1710-1711.	0.8	0
139	Flora of Pernambuco, Brazil: Bignonieae (Bignoniaceae). Rodriguesia, 0, 72, .	0.9	0