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	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
2	Floristic survey of vascular plants of a poorly known area in the Brazilian Atlantic Forest (Flona do) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	1
3	Framing the future for taxonomic monography: Improving recognition, support, and access. , 2022, 1, .		4
4	Diameters of phloem sieve elements can predict stem growth rates of woody plants. Tree Physiology, 2022, 42, 1560-1569.	1.4	2
5	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
6	Brazilian Flora 2020: Leveraging the power of a collaborative scientific network. Taxon, 2022, 71, 178-198.	0.4	68
7	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
8	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
9	In remembrance of: Scott A. Mori (1941â€“2020), Tropical Botanist Extraordinaire. Biotropica, 2021, 53, 339-346.	0.8	1
10	By Animal, Water, or Wind: Can Dispersal Mode Predict Genetic Connectivity in Riverine Plant Species?. Frontiers in Plant Science, 2021, 12, 626405.	1.7	16
11	Phylogenetic placement of enigmatic Astianthus (Bignoniaceae) based on molecular data, wood and bark anatomy. Botanical Sciences, 2021, 99, 398-412.	0.3	0
12	Environmental correlates of taxonomic and phylogenetic diversity in the Atlantic Forest. Journal of Biogeography, 2021, 48, 1377-1391.	1.4	18
13	Taxonomic revision of Martinella Baill. (Bignonieae, Bignoniaceae). PhytoKeys, 2021, 177, 77-116.	0.4	3
14	Botanical Monography in the Anthropocene. Trends in Plant Science, 2021, 26, 433-441.	4.3	23
15	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
16	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
17	Taxonomic revisions in Fridericia (Bignonieae, Bignoniaceae) I: the â€œAcrodromous venationâ€•and â€œPiriadacusâ€•clades. Willdenowia, 2021, 51, .	0.5	1
18	Deciphering the typification of the Neotropical genus Tanaecium (Bignonieae, Bignoniaceae). Taxon, 2021, 70, 1117.	0.4	0

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19	Leaf cuticular waxes of Tanaecium (Bignonieae, Bignoniaceae): Chemical composition and taxonomic implications. Biochemical Systematics and Ecology, 2021, 98, 104325.	0.6	3
20	2021 ATBC Honorary Fellows. Biotropica, 2021, 53, 1712-1713.	0.8	0
21	2021 Student and Early Career Awards. Biotropica, 2021, 53, 1710-1711.	0.8	0
22	Chapter 2: Evolution of Amazonian biodiversity. , 2021, , .		5
23	Canopy height explains species richness in the largest clade of Neotropical lianas. Global Ecology and Biogeography, 2020, 29, 26-37.	2.7	17
24	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
25	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
26	Presence-only and Presence-absence Data for Comparing Species Distribution Modeling Methods. Biodiversity Informatics, 2020, 15, 69-80.	3.0	38
27	Deconstructing species richnessâ€“environment relationships in Neotropical lianas. Journal of Biogeography, 2020, 47, 2168-2180.	1.4	8
28	Taxonomic Revision of Xylophragma (Bignonieae, Bignoniaceae). Systematic Botany, 2020, 45, 620-637.	0.2	2
29	Characterization of the first chloroplast genome of Tabebuia (Bignoniaceae). Mitochondrial DNA Part B: Resources, 2020, 5, 2954-2956.	0.2	1
30	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
31	Adenocalymma albiflorum (Bignonieae, Bignoniaceae), a new combination, notes on morphology and distribution. Brittonia, 2020, 72, 317-323.	0.8	0
32	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
33	Patterns of Species and Lineage Diversity in the Atlantic Rainforest of Brazil. Fascinating Life Sciences, 2020, , 415-447.	0.5	28
34	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
35	<p><strong>Taxonomic placement of Tanaecium mutabile (Bignonieae,) Tj ETQq1 1 0.784314 rgBT /O Phytotaxa, 2020, 438, 289-300.	0.1	1
36	Phylogeny and Biogeography of the Amazonian Pachyptera (Bignonieae, Bignoniaceae). Systematic Botany, 2020, 45, 361-374.	0.2	6

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37	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
38	Tropical biologyÂand conservation in the time of the COVIDâ€19 pandemic. Biotropica, 2020, 52, 399-399.	0.8	0
39	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
40	Fine tuning the circumscription of Fridericia (Bignonieae, Bignoniaceae). Taxon, 2019, 68, 751-770.	0.4	17
41	Comparative Chloroplast Genomics at Low Taxonomic Levels: A Case Study Using Amphilophium (Bignonieae, Bignoniaceae). Frontiers in Plant Science, 2019, 10, 796.	1.7	55
42	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
43	An Updated Synopsis of Adenocalymma (Bignonieae, Bignoniaceae): New Combinations, Synonyms, and Lectotypifications. Systematic Botany, 2019, 44, 893-912.	0.2	11
44	A Biogeographic Barrier Test Reveals a Strong Genetic Structure for a Canopy-Emergent Amazon Tree Species. Scientific Reports, 2019, 9, 18602.	1.6	14
45	2019 ATBC Honorary Fellows. Biotropica, 2019, 51, 957-958.	0.8	0
46	Phylogeny of the Neotropical tribe Jacarandeae (Bignoniaceae). American Journal of Botany, 2019, 106, 1589-1601.	0.8	8
47	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
48	A new species of Adenocalymma (Bignonieae, Bignoniaceae) from Minas Gerais, Brazil. Brittonia, 2019, 71, 183-189.	0.8	2
49	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
50	An updated synopsis of Tanaecium (Bignonieae, Bignoniaceae). PhytoKeys, 2019, 132, 31-52.	0.4	8
51	Flora of Pernambuco, Brazil: Tabebuia alliance and tribe Jacarandeae (Bignoniaceae). Biota Neotropica, 2019, 19, .	0.2	4
52	New records of the tribe Bignonieae (Bignoniaceae) for Paraiba state, northeastern Brazil. Acta Brasiliensis, 2019, 3, 89.	0.1	2
53	BIGNONIACEAE: TRUMPET-CREEPER FAMILY. , 2019, , 449-450.		0
54	The molecular control of tendril development in angiosperms. New Phytologist, 2018, 218, 944-958.	3.5	24

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55	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
56	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
57	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
58	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
59	Convergent Evolution and the Diverse Ontogenetic Origins of Tendrils in Angiosperms. Frontiers in Plant Science, 2018, 9, 403.	1.7	28
60	Flora das cangas da Serra dos CarajÃ¡s, ParÃ¡, Brasil: Bignoniaceae. Rodriguesia, 2018, 69, 1063-1079.	0.9	4
61	Taxonomic revision of Pachyptera (Bignonieae, Bignoniaceae). PhytoKeys, 2018, 92, 89-131.	0.4	6
62	Conceptual and empirical advances in Neotropical biodiversity research. PeerJ, 2018, 6, e5644.	0.9	107
63	CHECK-LIST DAS BIGNONIACEAE DO ESTADO DE MATO GROSSO DO SUL. Iheringia - Serie Botanica, 2018, 73, 157-162.	0.0	0
64	New records of the Tabebuia Alliance (Bignoniaceae) for the state of Paraiba, northeastern Brazil. Revista Mexicana De Biodiversidad, 2018, 89, .	0.4	2
65	Minimum sample sizes for population genomics: an empirical study from an Amazonian plant species. Molecular Ecology Resources, 2017, 17, 1136-1147.	2.2	212
66	Wide but not impermeable: Testing the riverine barrier hypothesis for an Amazonian plant species. Molecular Ecology, 2017, 26, 3636-3648.	2.0	52
67	<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
68	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
69	Reestablishment of Mansoa ventricosa (Bignonieae, Bignoniaceae) based on molecular and morphological data. Phytotaxa, 2017, 327, 141.	0.1	3
70	A comparison of hull methods for estimating species ranges and richness maps. Plant Ecology and Diversity, 2017, 10, 389-401.	1.0	34
71	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
72	Plastome Rearrangements in the â€œAdenocalymma-Neojobertiaâ€•Clade (Bignonieae, Bignoniaceae) and Its Phylogenetic Implications. Frontiers in Plant Science, 2017, 8, 1875.	1.7	29

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73	Adenocalymma cauliflorum (Bignonieae, Bignoniaceae), a New Cauliflorous Species from the Atlantic Forest of Eastern Brazil. Systematic Botany, 2017, 42, 584-589.	0.2	4
74	Two new species of Adenocalymma (Bignonieae, Bignoniaceae) from the Atlantic Forest of Brazil. Phytotaxa, 2016, 284, 263.	0.1	7
75	Phylogenetic relationships of enigmatic Sphingiphila (Bignoniaceae) based on molecular and wood anatomical data. Taxon, 2016, 65, 1050-1063.	0.4	8
76	A Genomic Approach for Isolating Chloroplast Microsatellite Markers forPachyptera kerere(Bignoniaceae). Applications in Plant Sciences, 2016, 4, 1600055.	0.8	3
77	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
78	Taxonomic Revision of Tynanthus (Bignonieae, Bignoniaceae). Phytotaxa, 2015, 216, 1.	0.1	6
79	A new species of Anemopaegma (Bignonieae, Bignoniaceae) from the Atlantic Forest of Brazil. Phytotaxa, 2015, 219, 174.	0.1	10
80	Deciphering the Neotropical Bignonia binata species complex (Bignoniaceae). Phytotaxa, 2015, 219, 69.	0.1	10
81	Typification of the Linnaean name Bignonia peruviana (Vitaceae). Phytotaxa, 2015, 236, 283.	0.1	0
82	Biogeography and evolution ofDolichandra(Bignonieae, Bignoniaceae). Botanical Journal of the Linnean Society, 2015, 179, 403-420.	0.8	16
83	Climate niche conservatism does not explain restricted distribution patterns inTynanthus(Bignonieae,) Tj ETQq1 1 0.784314 rgBT /Ov	0.8	8
84	Growing knowledge: an overview of Seed Plant diversity in Brazil. Rodriguesia, 2015, 66, 1085-1113.	0.9	1,032
85	Complete Chloroplast Genome of Tanaecium tetragonolobum: The First Bignoniaceae Plastome. PLoS ONE, 2015, 10, e0129930.	1.1	77
86	Geographic Mosaic of Plant Evolution: Extrafloral Nectary Variation Mediated by Ant and Herbivore Assemblages. PLoS ONE, 2015, 10, e0123806.	1.1	26
87	Taxonomic updates in Dolichandra Cham. (Bignonieae, Bignoniaceae). PhytoKeys, 2015, 46, 35-43.	0.4	4
88	Phylogeny and biogeography of Tynanthus Miers (Bignonieae, Bignoniaceae). Molecular Phylogenetics and Evolution, 2015, 85, 32-40.	1.2	13
89	A Phylogenetic Analysis of Lychnophorinae (Asteraceae: Vernonieae) Based on Molecular and Morphological Data. Systematic Botany, 2015, 40, 299-315.	0.2	47
90	Secondary phloem diversity and evolution in Bignonieae (Bignoniaceae). Annals of Botany, 2015, 116, 333-358.	1.4	29

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91	Wood anatomy of major Bignoniaceae clades. Plant Systematics and Evolution, 2015, 301, 967-995.	0.3	42
92	Problematic specimens turn out to be two undescribed species of Bignonia (Bignoniaceae). PhytoKeys, 2015, 56, 7-18.	0.4	5
93	Development and characterization of microsatellite loci for Tabebuia cassinoides (Bignoniaceae). Genetics and Molecular Research, 2014, 13, 5601-5605.	0.3	0
94	Acquisition and diversification of tendrilled leaves in B ignonieae (B ignoniaceae) involved changes in		

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109	The Future of Botanical Monography: Report from an international workshop, 12â€“16 March 2012, Smolenice, Slovak Republic. Taxon, 2013, 62, 4-20.	0.4	16
110	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
111	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
112	New Brazilian Floristic List Highlights Conservation Challenges. BioScience, 2012, 62, 39-45.	2.2	270
113	Phylogeny of Lundia (Bignoniaceae) based on ndhF and PepC sequences. Taxon, 2012, 61, 368-380.	0.4	12
114	Understanding bias in geographic range size estimates. Global Ecology and Biogeography, 2012, 21, 732-742.	2.7	20
115	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
116	Evolution of disparity between the regular and variant phloem in Bignonieae (Bignoniaceae). American Journal of Botany, 2011, 98, 602-618.	0.8	40
117	Chromosome Studies in Bignonieae (Bignoniaceae): The First Record of Polyploidy in Anemopaegma. Cytologia, 2011, 76, 185-191.	0.2	17
118	Molecular phylogeny of tribe Rhipsalideae (Cactaceae) and taxonomic implications for Schlumbergera and Hatiora. Molecular Phylogenetics and Evolution, 2011, 58, 456-468.	1.2	30
119	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
120	Molecular Phylogeny, Evolution, and Biogeography of South American Epiphytic Cacti. International Journal of Plant Sciences, 2011, 172, 902-914.	0.6	25
121	Comparing machine learning classifiers in potential distribution modelling. Expert Systems With Applications, 2011, 38, 5268-5275.	4.4	126
122	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
123	Evolution of floral morphology and pollination system in Bignonieae (Bignoniaceae). American Journal of Botany, 2010, 97, 782-796.	0.8	68
124	A molecular phylogeny and classification of Bignoniaceae. American Journal of Botany, 2009, 96, 1731-1743.	0.8	151
125	The rise and evolution of the cambial variant in Bignonieae (Bignoniaceae). Evolution & Development, 2009, 11, 465-479.	1.1	74
126	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

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127	The influence of spatial errors in species occurrence data used in distribution models. Journal of Applied Ecology, 2008, 45, 239-247.	1.9	401
128	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
129	Effects of Detectability on Estimates of Geographic Range Size in Bignonieae. Conservation Biology, 2008, 22, 200-211.	2.4	11
130	Effects of sample size on the performance of species distribution models. Diversity and Distributions, 2008, 14, 763-773.	1.9	1,771
131	Sensitivity of predictive species distribution models to change in grain size. Diversity and Distributions, 2007, 13, 332-340.	1.9	445
132	Novel methods improve prediction of speciesâ€™ distributions from occurrence data. Ecography, 2006, 29, 129-151.	2.1	6,691
133	Untangling the phylogeny of neotropical lianas (Bignonieae, Bignoniaceae). American Journal of Botany, 2006, 93, 304-318.	0.8	163
134	Phylogenetic Position and Floral Function of Siparuna (Siparunaceae: Laurales). International Journal of Plant Sciences, 1997, 158, S89-S98.	0.6	47
135	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
136	A tribo Bignonieae (Bignoniaceae) no Parque Nacional do Itatiaia, sudeste do Brasil. Rodriguesia, 0, 71, .	0.9	1
137	Flora of Pernambuco, Brazil: Bignonieae (Bignoniaceae). Rodriguesia, 0, 72, .	0.9	0
138	Flora of Fazenda Aba, ParaÃba, Brazil: Bignoniaceae. Rodriguesia, 0, 72, .	0.9	1
139	Bignonieae (Bignoniaceae) from the Pico do Jabre, ParaÃba, Brazil: Taxonomic diversity and distribution. Rodriguesia, 0, 73, .	0.9	1