

Li-Bing Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Phylogeny, biogeography, and character evolution in the fern family Hypodematiaceae. <i>Molecular Phylogenetics and Evolution</i> , 2022, 166, 107340.	1.2	5
2	A global phylogeny of Lycopodiaceae (Lycopodiales; lycophytes) with the description of a new genus, <i>Brownseya</i> , from Oceania. <i>Taxon</i> , 2022, 71, 25-51.	0.4	9
3	Plastome structure, evolution, and phylogeny of Selaginella. <i>Molecular Phylogenetics and Evolution</i> , 2022, 169, 107410.	1.2	11
4	<i>Athyrium aberrans</i> (Athuriaceae), a new species of the lady ferns from southeastern Xizang, China, based on morphological and molecular evidence. <i>Phytotaxa</i> , 2022, 533, 165-172.	0.1	2
5	<i>Ophioglossum isanense</i> sp. nov. (Ophioglossaceae, Pteridophyta) from Thailand. <i>Phytotaxa</i> , 2022, 533, 158-164.	0.1	1
6	<i>Polystichum jinpingense</i> (subg. <i>Haplopolystichum</i> ; Dryopteridaceae), a new fern from southeastern Yunnan, China. <i>Phytotaxa</i> , 2022, 539, 69-73.	0.1	0
7	Phylogeny, character evolution, and systematics of the fern family Ophioglossaceae based on Sanger sequence data, plastomes, and morphology. <i>Molecular Phylogenetics and Evolution</i> , 2022, 173, 107512.	1.2	6
8	<i>Selliguea wusugongii</i> (Polypodiaceae), a new fern species from southeastern Xizang, China based on morphological and molecular evidence. <i>Phytotaxa</i> , 2021, 480, 57-68.	0.1	2
9	Replacing the misapplied <i>H. crenatum</i> , a widespread fern from Asia. <i>Phytotaxa</i> , 2021, 482, 87-92.	0.1	2
10	<i>Polystichum dongchuanense</i> and <i>P. menglaense</i> (subg. <i>Haplopolystichum</i> ; Dryopteridaceae), two new ferns from Yunnan, China. <i>Phytotaxa</i> , 2021, 479, 114-120.	0.1	0
11	Taxonomy of the fern genus <i>Didymochlaena</i> (Didymochlaenaceae) from Asia and Pacific islands based on morphological and molecular evidence with the description of four new species and one new status. <i>Phytotaxa</i> , 2021, 479, 71-82.	0.1	3
12	A revision of the <i>Hypodematium glabrum</i> complex (Pteridophyta: Hypodematiaceae) with the description of four new species. <i>Phytotaxa</i> , 2021, 487, 114-124.	0.1	1
13	Simultaneous diversification of Polypodiales and angiosperms in the Mesozoic. <i>Cladistics</i> , 2021, 37, 518-539.	1.5	38
14	<i>Asplenium quangbinhense</i> sp. nov. and three new records of <i>Asplenium</i> (Aspleniaceae) from Vietnam. <i>Phytotaxa</i> , 2021, 521, 113-120.	0.1	0
15	<i>Selaginella qingchengshanensis</i> (sect. <i>Heterostachys</i> ; Selaginellaceae), a new species from Sichuan, China. <i>Phytotaxa</i> , 2021, 522, 285-293.	0.1	2
16	<i>Hypodematium chrysolepis</i> comb. nov. from Africa and <i>H. eglandulosum</i> sp. nov. from Asia (Hypodematiaceae). <i>Phytotaxa</i> , 2021, 524, 99-106.	0.1	0
17	A global plastid phylogeny of the fern genus <i>Asplenium</i> (Aspleniaceae). <i>Cladistics</i> , 2020, 36, 22-71.	1.5	25
18	Phylogeny and classification of the tribe Lepisoreae (Polypodiaceae; pteridophyta) with the description of a new genus, <i>Ellipinema</i> gen. nov., segregated from <i>Lepisorus</i> . <i>Molecular Phylogenetics and Evolution</i> , 2020, 148, 106803.	1.2	9

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19	The first complete chloroplast genome of the fern genus <i>Polystichum</i> (Dryopteridaceae). Mitochondrial DNA Part B: Resources, 2020, 5, 441-442.	0.2	0
20	Evolutionary relationships of the ancient fern lineage the adder's tongues (Ophioglossaceae) with description of <i>Sahashia</i> gen. nov. Cladistics, 2020, 36, 380-393.	1.5	13
21	<i>Fern</i> nothogenera and <i>Lepinema</i> , a new hybrid genus between <i>Ellipinema</i> and <i>Lepisorus</i> (Polypodiaceae). Phytotaxa, 2020, 455, 262-266.	0.1	1
22	<i>Polystichum</i> <i>neoacutidens</i> (subg. <i>Haplopolystichum</i>) Phytotaxa, 2020, 450, 115-118.	0.1	1
23	<i>Polystichum</i> <i>asiae-minoris</i> (Dryopteridaceae), a new fern from Kastamonu, Turkey. Phytotaxa, 2020, 447, 296-300.	0.1	3
24	Taxonomy of the fern genus <i>Hypodematium</i> (Pteridophyta: Hypodematiaceae) from Japan. Phytotaxa, 2020, 455, 161-166.	0.1	2
25	<i>Selaginella</i> <i>coriaceifolia</i> (sect. <i>Heterostachys</i> ; Selaginellaceae), a new lycophyte species from central Vietnam. Phytotaxa, 2020, 453, 121-129.	0.1	6
26	Revision of the fern genus <i>Didymochlaena</i> (Didymochlaenaceae) from Madagascar. Phytotaxa, 2020, 459, 252-264.	0.1	3
27	<i>Leptochilus</i> <i>gracilis</i> (Polypodiaceae), a new fern species from southeastern Yunnan, China based on morphological and molecular evidence. Phytotaxa, 2020, 468, 112-120.	0.1	0
28	Eight new species of the fern genus <i>Polystichum</i> (subg. <i>Haplopolystichum</i> ; Dryopteridaceae) from limestone caves in Guizhou, China. Phytotaxa, 2019, 404, 209.	0.1	0
29	Four new species of the fern genus <i>Hymenasplenium</i> (Aspleniaceae) from Africa and Asia. Phytotaxa, 2019, 416, 34-42.	0.1	7
30	A revision of the <i>Hymenasplenium</i> <i>unilaterale</i> subclade (Aspleniaceae).	0.1	6
31	A plastid phylogeny of the Old World fern genus <i>Leptochilus</i> (Polypodiaceae): Implications for cryptic speciation and progressive colonization from lower to higher latitudes. Molecular Phylogenetics and Evolution, 2019, 134, 311-322.	1.2	12
32	Transferring two names of <i>Chlamydogramme</i> to <i>Tectaria</i> (Pteridophyta: Tectariaceae). Phytotaxa, 2019, 392, 87.	0.1	0
33	<i>Arachniodes</i> <i>hehainii</i> (Dryopteridaceae), a new fern from Guizhou, China. Phytotaxa, 2019, 392, 84.	0.1	1
34	<i>Woodsia</i> <i>kungiana</i> sp. nov. (Woodsiaceae), a new fern from Sichuan, China. Phytotaxa, 2019, 397, 253.	0.1	0
35	A global plastid phylogeny of the cliff fern family Woodsiaceae and a two-genus classification of Woodsiaceae with the description of <i>Woodsimatum</i> nothogen. nov.. Taxon, 2019, 68, 1149-1172.	0.4	6
36	<i>Ophioderma</i> <i>redactophylla</i> (Ophioglossaceae), a new fern from the Malay Peninsula. Phytotaxa, 2019, 422, 101-105.	0.1	2

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37	A plastid phylogeny of the fern genus <i>Arachniodes</i> (Dryopteridaceae). <i>Molecular Phylogenetics and Evolution</i> , 2019, 133, 214-235.	1.2	6
38	Phylogeny and systematics of the brake fern genus <i>Pteris</i> (Pteridaceae) based on molecular (plastid) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	23
39	Three new species of the fern genus <i>Arachniodes</i> (Dryopteridaceae) from Vietnam. <i>Phytotaxa</i> , 2018, 376, 126.	0.1	3
40	<i>Leptochilus sarawakensis</i> nom. nov. (Polypodiaceae) from Malaysia. <i>Phytotaxa</i> , 2018, 379, 269.	0.1	0
41	New combinations in the fern genus <i>Leptochilus</i> (Polypodiaceae). <i>Phytotaxa</i> , 2018, 374, 172.	0.1	2
42	<i>Polystichum recavum</i> (subg. <i>Haplopolystichum</i> ; Dryopteridaceae), a new cave fern from Guangxi, China. <i>Phytotaxa</i> , 2018, 374, 167.	0.1	0
43	(2617) Proposal to reject the name <i>Selaginella flagellifera</i> (Selaginellaceae). <i>Taxon</i> , 2018, 67, 641-642.	0.4	0
44	Eight new species of <i>Polystichum</i> (subg. <i>Haplopolystichum</i> ; Dryopteridaceae) from limestone caves in Guangdong and Yunnan, China, with reference to species diversity in the karst terrains at high elevations in subtropical areas. <i>Phytotaxa</i> , 2018, 365, 145.	0.1	5
45	<i>Asplenium serratifolium</i> (Aspleniaceae), a New Fern Species from Central Vietnam Based on Morphological and Molecular Evidence. <i>American Fern Journal</i> , 2018, 108, 65-75.	0.2	2
46	(2579) Proposal to conserve <i>Aspidium draconopterum</i> (<i>Draconopteris draconoptera</i>) (Tectariaceae) with a conserved type. <i>Taxon</i> , 2018, 67, 204-205.	0.4	1
47	Biodiversity and apomixis: Insights from the East-Asian holly ferns in <i>Polystichum</i> section <i>Xiphopolystichum</i> . <i>Molecular Phylogenetics and Evolution</i> , 2018, 127, 345-355.	1.2	6
48	A global plastid phylogeny uncovers extensive cryptic speciation in the fern genus <i>Hymenasplenium</i> (Aspleniaceae). <i>Molecular Phylogenetics and Evolution</i> , 2018, 127, 203-216.	1.2	16
49	Pteridryaceae: A new fern family of Polypodiineae (Polypodiales) including taxonomic treatments. <i>Journal of Systematics and Evolution</i> , 2018, 56, 148-173.	1.6	14
50	<i>Tectaria moranii</i> (Tectariaceae), a new fern species from Costa Rica. <i>Phytotaxa</i> , 2018, 357, 230.	0.1	1
51	<i>Asplenium cyrtosorum</i> (Aspleniaceae), a new fern from Yunnan, China. <i>Phytotaxa</i> , 2018, 351, 176.	0.1	1
52	<i>Hymenasplenium pubirhizoma</i> comb. nov. (Aspleniaceae) from China. <i>Phytotaxa</i> , 2018, 351, 186.	0.1	2
53	<i>Hymenasplenium perriei</i> (Aspleniaceae), a new fern species from Fiji. <i>Phytotaxa</i> , 2018, 356, 177.	0.1	4
54	<i>Dendrolycopodium verticale</i> comb. nov. (Lycopodiopsida: Lycopodiaceae) from China. <i>Phytotaxa</i> , 2017, 295, 199.	0.1	3

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55	Global phylogeny and biogeography of the fern genus <i>Ctenitis</i> (Dryopteridaceae), with a focus on the Indian Ocean region. <i>Molecular Phylogenetics and Evolution</i> , 2017, 112, 277-289.	1.2	21
56	<i>Spinulum lioui</i> , a new species referred as to <i>Lycopodium neopungens</i> (Lycopodiopsida: Lycopodiaceae) in China. <i>Phytotaxa</i> , 2017, 307, 161.	0.1	2
57	A global phylogeny of the fern genus <i>Tectaria</i> (Tectariaceae: Polypodiales) based on plastid and nuclear markers identifies major evolutionary lineages and suggests repeated evolution of free venation from anastomosing venation. <i>Molecular Phylogenetics and Evolution</i> , 2017, 114, 295-333.	1.2	24
58	Phylogeny of the fern subfamily Pteridoideae (Pteridaceae; Pteridophyta), with the description of a new genus: <i>Gastoniella</i> . <i>Molecular Phylogenetics and Evolution</i> , 2017, 109, 59-72.	1.2	12
59	<i>Polystichum tiandengense</i> (subg. <i>Haplopolystichum</i> ; Dryopteridaceae), a New Cave Fern from Guangxi, China. <i>Novon</i> , 2017, 25, 153-157.	0.3	0
60	A plastid phylogeny and character evolution of the Old World fern genus <i>Pyrrrosia</i> (Polypodiaceae) with the description of a new genus: <i>Hovenkampia</i> (Polypodiaceae). <i>Molecular Phylogenetics and Evolution</i> , 2017, 114, 271-294.	1.2	10
61	<i>Pyrrrosia annamensis</i> comb. nov. (Polypodiaceae) from Southeast Asia and lectotypification of <i>Cyclophorus rhomboidalis</i> . <i>Phytotaxa</i> , 2017, 309, 90.	0.1	2
62	(2564) Proposal to conserve the name <i>Polystichum omeiense</i> against <i>P. caruifolium</i> (<i>Dryopteridaceae</i>). <i>Taxon</i> , 2017, 66, 1468-1469.	0.4	0
63	(47) Request for a binding decision on whether <i>Huperzia rubricaulis</i> (Alderw.) Holub and <i>H. rubricaulis</i> S.K. Wu & X. Cheng (<i>Lycopodiopsida</i> : <i>Huperziaceae</i>) are sufficiently alike to be confused. <i>Taxon</i> , 2016, 65, 1184-1185.	0.4	0
64	Seven new species of <i>Polystichum</i> (subg. <i>Haplopolystichum</i> ; Dryopteridaceae) from southern China. <i>Phytotaxa</i> , 2016, 280, 201.	0.1	14
65	A large-scale phylogeny of the lycophyte genus <i>Selaginella</i> (Selaginellaceae: Lycopodiopsida) based on plastid and nuclear loci. <i>Cladistics</i> , 2016, 32, 360-389.	1.5	80
66	A well-sampled phylogenetic analysis of the polystichoid ferns (Dryopteridaceae) suggests a complex biogeographical history involving both boreotropical migrations and recent transoceanic dispersals. <i>Molecular Phylogenetics and Evolution</i> , 2016, 98, 324-336.	1.2	42
67	Spore morphology of <i>Selaginella</i> (Selaginellaceae) from China and its systematic significance. <i>Phytotaxa</i> , 2015, 237, 1.	0.1	22
68	Comparison of classifications of vascular plants of China. <i>Taxon</i> , 2015, 64, 17-26.	0.4	8
69	A classification of <i>Selaginella</i> (Selaginellaceae) based on molecular (chloroplast and nuclear), macromorphological, and spore features. <i>Taxon</i> , 2015, 64, 1117-1140.	0.4	68
70	Phylogeny and biogeography of wild roses with specific attention to polyploids. <i>Annals of Botany</i> , 2015, 115, 275-291.	1.4	110
71	A global plastid phylogeny of the brake fern genus <i>Pteris</i> (Pteridaceae) and related genera in the Pteridoideae. <i>Cladistics</i> , 2015, 31, 406-423.	1.5	49
72	(2317) Proposal to conserve the name <i>Ligustrum sempervirens</i> (Franch.) Lingelsh. against <i>L. sempervirens</i> Lindl. (<i>Oleaceae</i>). <i>Taxon</i> , 2014, 63, 945-946.	0.4	0

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73	Vertebrate pollination of the endemic <i>Trochetia granulata</i> (Malvaceae) on Réunion. <i>Journal of Tropical Ecology</i> , 2013, 29, 353-356.	0.5	10
74	<i>Woodsia guizhouensis</i> (Woodsiaceae), a New Species from a Limestone Area in Guizhou, China. <i>Novon</i> , 2012, 22, 191-195.	0.3	2
75	Molecular circumscription and major evolutionary lineages of the fern genus <i>Dryopteris</i> (Dryopteridaceae). <i>BMC Evolutionary Biology</i> , 2012, 12, 180.	3.2	56
76	Phylogenetic placement of two enigmatic genera, <i>Borthwickia</i> and <i>Stixis</i> , based on molecular and pollen data, and the description of a new family of Brassicales, Borthwickiaceae. <i>Taxon</i> , 2012, 61, 601-611.	0.4	17
77	The inclusion of <i>Acrophorus</i> , <i>Diacalpe</i> , <i>Nothoperanema</i> , and <i>Peranema</i> in <i>Dryopteris</i> : The molecular phylogeny, systematics, and nomenclature of <i>Dryopteris</i> subg. <i>Nothoperanema</i> (Dryopteridaceae). <i>Taxon</i> , 2012, 61, 1199-1216.	0.4	22
78	The nomenclature of the lycophyte species <i>Phlegmariurus mingcheensis</i> Ching (Huperziaceae). <i>Taxon</i> , 2012, 61, 665-666.	0.4	1
79	Phylogenetic inference using non-redundant coding of dependent characters versus alternative approaches for protein-coding genes. <i>Cladistics</i> , 2011, 27, 186-196.	1.5	2
80	Untangling the hybrid origin of the Chinese tea roses: evidence from DNA sequences of single-copy nuclear and chloroplast genes. <i>Plant Systematics and Evolution</i> , 2011, 297, 157-170.	0.3	28
81	Trans-Atlantic, trans-Pacific and trans-Indian Ocean dispersal in the small Gondwanan Laurales family Hernandiaceae. <i>Journal of Biogeography</i> , 2010, 37, 1214-1226.	1.4	69
82	The relative performance of Bayesian and parsimony approaches when sampling characters evolving under homogeneous and heterogeneous sets of parameters. <i>Cladistics</i> , 2006, 22, 171-185.	1.5	17
83	Phylogeny and Delimitation of the Celastrales Inferred from Nuclear and Plastid Genes. <i>Systematic Botany</i> , 2006, 31, 122-137.	0.2	99
84	Nomenclature of <i>Soldanella</i> L. (Primulaceae). <i>Taxon</i> , 2004, 53, 741-752.	0.4	7
85	Phylogeny and quaternary history of the European montane/alpine endemic <i>Soldanella</i> (Primulaceae) based on ITS and AFLP variation. <i>American Journal of Botany</i> , 2001, 88, 2331-2345.	0.8	176