# Liang Zhang

List of Publications by Year
in descending order



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|---|---|---|---|
| 31 papers | 719 citations | 759233 12 h-index | 580821 25 g-index |
| 31 all docs | 31 docs citations | 31 times ranked | 1024 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Dynamic analysis of Arabidopsis AP2 Ïƒ subunit reveals a key role in clathrin-mediated endocytosis and plant development. Development (Cambridge), 2013, 140, 3826-3837. | 2.5 | 139 |
| 2 | Arabidopsis R-SNARE Proteins VAMP721 and VAMP722 Are Required for Cell Plate Formation. PLoS ONE, 2011, 6, e26129. | 2.5 | 86 |
| 3 | At the intersection of exocytosis and endocytosis in plants. New Phytologist, 2019, 224, 1479-1489. | 7.3 | 63 |
| 4 | Secretion of Phospholipase DÎ´ Functions as a Regulatory Mechanism in Plant Innate Immunity. Plant Cell, 2019, 31, 3015-3032. | 6.6 | 55 |
| 5 | Golgi Apparatus-Localized Synaptotagmin 2 Is Required for Unconventional Secretion in Arabidopsis. PLoS ONE, 2011, 6, e26477. | 2.5 | 51 |
| 6 | Circumscription and phylogeny of the fern family Tectariaceae based on plastid and nuclear markers, with the description of two new genera: Draconopteris and Malaifilix (Tectariaceae). Taxon, 2016, 65, 723-738. | 0.7 | 32 |
| 7 | Coordination of Phospholipid-Based Signaling and Membrane Trafficking in Plant Immunity. Trends in Plant Science, 2021, 26, 407-420. | 8.8 | 29 |
| 8 | A global plastid phylogeny of the fern genus Asplenium (Aspleniaceae). Cladistics, 2020, 36, 22-71. | 3.3 | 25 |
| 9 | A global phylogeny of the fern genus Tectaria (Tectariaceae: Polypodiales) based on plastid and nuclear markers identifies major evolutionary lineages and suggests repeated evolution of free venation from anastomosing venation. Molecular Phylogenetics and Evolution, 2017, 114, 295-333. | 2.7 | 24 |
| 10 | SNARE proteins VAMP721 and VAMP722 mediate the postâ€Golgi trafficking required for auxinâ€mediated development in Arabidopsis. Plant Journal, 2021, 108, 426-440. | 5.7 | 24 |
| 11 | Phylogeny and systematics of the brake fern genus Pteris (Pteridaceae) based on molecular (plastid) Tj ETQq1 1 0.784314 rgBT /Over | 2.7 | 23 |
| 12 | A global plastid phylogeny uncovers extensive cryptic speciation in the fern genus Hymenasplenium (Aspleniaceae). Molecular Phylogenetics and Evolution, 2018, 127, 203-216. | 2.7 | 16 |
| 13 | Irradiation with low-dose gamma ray enhances tolerance to heat stress in Arabidopsis seedlings. Ecotoxicology and Environmental Safety, 2016, 128, 181-188. | 6.0 | 14 |
| 14 | Pteridryaceae: A new fern family of Polypodiineae (Polypodiales) including taxonomic treatments. Journal of Systematics and Evolution, 2018, 56, 148-173. | 3.1 | 14 |
| 15 | Evolutionary relationships of the ancient fern lineage the adder's tongues (Ophioglossaceae) with description of Sahashia gen. nov. Cladistics, 2020, 36, 380-393. | 3.3 | 13 |
| 16 | Phylogeny of the fern subfamily Pteridoideae (Pteridaceae; Pteridophyta), with the description of a new genus: Gastoniella. Molecular Phylogenetics and Evolution, 2017, 109, 59-72. | 2.7 | 12 |
| 17 | A plastid phylogeny of the Old World fern genus Leptochilus (Polypodiaceae): Implications for cryptic speciation and progressive colonization from lower to higher latitudes. Molecular Phylogenetics and Evolution, 2019, 134, 311-322. | 2.7 | 12 |
| 18 | Plastome structure, evolution, and phylogeny of Selaginella. Molecular Phylogenetics and Evolution, 2022, 169, 107410. | 2.7 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A plastid phylogeny and character evolution of the Old World fern genus Pyrrosia (Polypodiaceae) with the description of a new genus: Hovenkampia (Polypodiaceae). Molecular Phylogenetics and Evolution, 2017, 114, 271-294. | 2.7 | 10 |
| 20 | Phylogeny and classification of the tribe Lepisoreae (Polypodiaceae; pteridophyta) with the description of a new genus, Ellipinema gen. nov., segregated from Lepisorus. Molecular Phylogenetics and Evolution, 2020, 148, 106803. | 2.7 | 9 |
| 21 | A global phylogeny of Lycopodiaceae (Lycopodiales; lycophytes) with the description of a new genus, Brownseya, from Oceania. Taxon, 2022, 71, 25-51. | 0.7 | 9 |
| 22 | Protect Chinaâ€™s karst cave habitats. Science, 2021, 374, 699-699. | 12.6 | 8 |
| 23 | The lotus NnFTIP1 and NnFT1 regulate flowering time in Arabidopsis. Plant Science, 2021, 302, 110677. | 3.6 | 7 |
| 24 | A global plastid phylogeny of the cliff fern family Woodsiaceae and a twoâ€genus classification of Woodsiaceae with the description of Ã—Woodsimatium nothogen. nov.. Taxon, 2019, 68, 1149-1172. | 0.7 | 6 |
| 25 | A plastid phylogeny of the fern genus Arachniodes (Dryopteridaceae). Molecular Phylogenetics and Evolution, 2019, 133, 214-235. | 2.7 | 6 |
| 26 | Asymmetric Total Synthesis of Antibiotic Elansolid A. Journal of the American Chemical Society, 2022, 144, 6871-6881. | 13.7 | 6 |
| 27 | Phylogeny, biogeography, and character evolution in the fern family Hypodematiaceae. Molecular Phylogenetics and Evolution, 2022, 166, 107340. | 2.7 | 5 |
| 28 | 3-Hydroxy-4-methyldecanoic Acid-Containing Cyclotetradepsipeptides from an Endolichenic Beauveria sp.. Journal of Natural Products, 2021, 84, 1244-1253. | 3.0 | 4 |
| 29 | Effects of the ionic liquid 1-hexyl-3-methylimidazolium bromide on root gravitropism in Arabidopsis seedlings. Ecotoxicology and Environmental Safety, 2016, 125, 107-115. | 6.0 | 3 |
| 30 | Asplenium serratifolium(Aspleniaceae), a New Fern Species from Central Vietnam Based on Morphological and Molecular Evidence. American Fern Journal, 2018, 108, 65-75. | 0.3 | 2 |
| 31 | 3D Imaging of Lipid-Guided Vesicle Trafficking Along the Cytoskeleton. Trends in Plant Science, 2021, 26, 421-422. | 8.8 | 1 |