Jacob B. Landis

List of Publications by Year
in descending order

56	1,386	516710 16	395702 33
papers	citations	h-index	g-index

66	66	66	1964
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hybridization and introgression are prevalent in Southern European Erysimum (Brassicaceae) species. Annals of Botany, 2023, 131, 171-184.	2.9	10
2	Effects of drainage reorganization on phytogeographic pattern in Sino-Himalaya. Alpine Botany, 2022, 132, 141-151.	2.4	10
3	Nuclear and plastid phylogenomic analyses provide insights into the reticulate evolution, species delimitation, and biogeography of the Sinoâ€Japanese disjunctive Diabelia (Caprifoliaceae). Journal of Systematics and Evolution, 2022, 60, 1331-1343.	3.1	7
4	Phylogenomic and comparative analyses of Rheum (Polygonaceae, Polygonoideae). Journal of Systematics and Evolution, 2022, 60, 1229-1240.	3.1	11
5	Phylogeography and population genetics reveal ring species patterns in a highly polymorphic California lily. Journal of Biogeography, 2022, 49, 416-430.	3.0	5
6	Molecular phylogeography and species distribution modelling evidence of â€˜oceanicâ€™ adaptation for Actinidia eriantha with a refugium along the oceanicâ€“continental gradient in a biodiversity hotspot. BMC Plant Biology, 2022, 22, 89.	3.6	6
7	Phylogenomics of the genus Glycine sheds light on polyploid evolution and life-strategy transition. Nature Plants, 2022, 8, 233-244.	9.3	26
8	Elevational patterns of phylogenetic structure of angiosperms in a biodiversity hotspot in eastern Himalaya. Diversity and Distributions, 2022, 28, 2534-2548.	4.1	9
9	Genome Skimming Contributes to Clarifying Species Limits in Paris Section Axiparis (Melanthiaceae). Frontiers in Plant Science, 2022, 13, 832034.	3.6	5
10	Phylogenomic analyses of the East Asian endemic Abelia (Caprifoliaceae) shed insights into the temporal and spatial diversification history with widespread hybridization. Annals of Botany, 2022, 129, 201-216.	2.9	7
11	Measuring hidden phenotype: quantifying the shape of barley seeds using the Euler characteristic transform. In Silico Plants, 2022, 4, .	1.9	5
12	Plastome phylogenomics of Cephalotaxus (Cephalotaxaceae) and allied genera. Annals of Botany, 2021, 127, 697-708.	2.9	14
13	Genetic and morphological differentiation inWashingtonia(Arecaceae): solving a century-old palm mystery. Botanical Journal of the Linnean Society, 2021, 196, 506-523.	1.6	3
14	Complete plastome sequence of Xylosma longifolia Clos. (Salicaceae). Mitochondrial DNA Part B: Resources, 2021, 6, 1085-1086.	0.4	1
15	Migration through a Major Andean Ecogeographic Disruption as a Driver of Genetic and Phenotypic Diversity in a Wild Tomato Species. Molecular Biology and Evolution, 2021, 38, 3202-3219.	8.9	14
16	Western Tethys origin, tropical Asia and tropical America disjunction in Berchemia and reinstatement of Phyllogeiton (Rhamneae, Rhamnaceae). Taxon, 2021, 70, 515-525.	0.7	1
17	Demographic history and local adaptation of Myripnois dioica (Asteraceae) provide insight on plant evolution in northern China flora. Ecology and Evolution, 2021, 11, 8000-8013.	1.9	8
18	Plastome structure and phylogenetic relationships of Styracaceae (Ericales). Bmc Ecology and Evolution, 2021, 21, 103.	1.6	13

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19	Comparative analysis of chloroplast genome structure and molecular dating in Myrtales. BMC Plant Biology, 2021, 21, 219.	3.6	25
20	Gene-rich UV sex chromosomes harbor conserved regulators of sexual development. Science Advances, 2021, 7, .	10.3	53
21	Deciphering the Taxonomic Delimitation of Ottelia acuminata (Hydrocharitaceae) Using Complete Plastomes as Super-Barcodes. Frontiers in Plant Science, 2021, 12, 681270.	3.6	13
22	Transcriptomes of Saussurea (Asteraceae) Provide Insights into High-Altitude Adaptation. Plants, 2021, 10, 1715.	3.5	11
23	Extinction risk in vascular plants and vertebrates is negatively correlated with family size. Global Ecology and Conservation, 2021, 30, e01781.	2.1	1
24	Phylogenetic patterns suggest frequent multiple origins of secondary metabolites across the seed-plant â€˜tree of lifeâ€™. National Science Review, 2021, 8, nwaa105.	9.5	22
25	Macroevolutionary pattern ofSaussurea(Asteraceae) provides insights into the drivers of radiating diversification. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211575.	2.6	14
26	Geophytism in monocots leads to higher rates of diversification. New Phytologist, 2020, 225, 1023-1032.	7.3	22
27	Unraveling the Spiraling Radiation: A Phylogenomic Analysis of Neotropical Costus L. Frontiers in Plant Science, 2020, 11, 1195.	3.6	10
28	Differential Gene Expression with an Emphasis on Floral Organ Size Differences in Natural and Synthetic Polyploids of Nicotiana tabacum (Solanaceae). Genes, 2020, 11, 1097.	2.4	15
29	Plastome phylogenomic study of Gentianeae (Gentianaceae): widespread gene tree discordance and its association with evolutionary rate heterogeneity of plastid genes. BMC Plant Biology, 2020, 20, 340.	3.6	35
30	Plastome Phylogenomic and Biogeographical Study on Thuja (Cupressaceae). BioMed Research International, 2020, 2020, 1-13.	1.9	5
31	Genome Sequencing of the Endangered Kingdonia uniflora (Circaeasteraceae, Ranunculales) Reveals Potential Mechanisms of Evolutionary Specialization. IScience, 2020, 23, 101124.	4.1	23
32	Genomic insights into adaptation to heterogeneous environments for the ancient relictual Circaeaster agrestis (Circaeasteraceae, Ranunculales). New Phytologist, 2020, 228, 285-301.	7.3	34
33	The Complete Plastomes of Five Hemiparasitic Plants (Osyris wightiana, Pyrularia edulis, Santalum) Tj ETQq1 1 0.784314 rgBT /Overlock Santalales. Frontiers in Genetics, 2020, 11, 597.	2.3	10
34	Plastome Evolution in Dolomiaea (Asteraceae, Cardueae) Using Phylogenomic and Comparative Analyses. Frontiers in Plant Science, 2020, 11, 376.	3.6	18
35	Revisiting floral fusion: the evolution and molecular basis of a developmental innovation. Journal of Experimental Botany, 2020, 71, 3390-3404.	4.8	17
36	Circumscription of the Sibbaldia procumbens complex (Potentilleae: Rosaceae) in China based on evidence from simple sequence repeat markers and morphology. Botanical Journal of the Linnean Society, 2019, 191, 305-314.	1.6	3

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37	Early consequences of allopolyploidy alter floral evolution in Nicotiana (Solanaceae). BMC Plant Biology, 2019, 19, 162.	3.6	9
38	Molecular Phylogeography and Ecological Niche Modeling of Sibbaldia procumbens s.l. (Rosaceae). Frontiers in Genetics, 2019, 10, 201.	2.3	7
39	Plastome phylogenomic analysis of Torreya (Taxaceae). Journal of Systematics and Evolution, 2019, 57, 607-615.	3.1	35
40	Impact of wholeâ€genome duplication events on diversification rates in angiosperms. American Journal of Botany, 2018, 105, 348-363.	1.7	270
41	Evolution of floral traits and impact of reproductive mode on diversification in the phlox family (Polemoniaceae). Molecular Phylogenetics and Evolution, 2018, 127, 878-890.	2.7	40
42	Plastome phylogenomics of the early-diverging eudicot family Berberidaceae. Molecular Phylogenetics and Evolution, 2018, 128, 203-211.	2.7	29
43	Comparative transcriptomic analysis of the evolution and development of flower size in Saltugilia (Polemoniaceae). BMC Genomics, 2017, 18, 475.	2.8	18
44	Development and Application of Transcriptome-Derived Microsatellites in Actinidia eriantha (Actinidiaceae). Frontiers in Plant Science, 2017, 8, 1383.	3.6	18
45	The report of my death was an exaggeration: A review for researchers using microsatellites in the 21st century. Applications in Plant Sciences, 2016, 4, 1600025.	2.1	155
46	A new resource for the development of SSR markers: Millions of loci from a thousand plant transcriptomes. Applications in Plant Sciences, 2016, 4, 1600024.	2.1	29
47	Optical Sectioning and 3D Reconstructions as an Alternative to Scanning Electron Microscopy for Analysis of Cell Shape. Applications in Plant Sciences, 2015, 3, 1400112.	2.1	7
48	The Phenotypic and Genetic Underpinnings of Flower Size in Polemoniaceae. Frontiers in Plant Science, 2015, 6, 1144.	3.6	21
49	High School Studentsâ€™ Learning and Perceptions of Phylogenetics of Flowering Plants. CBE Life Sciences Education, 2014, 13, 653-665.	2.3	13
50	Evolutionary Analysis of the MIXTA Gene Family Highlights Potential Targets for the Study of Cellular Differentiation. Molecular Biology and Evolution, 2013, 30, 526-540.	8.9	61
51	Evolution of petaloid sepals independent of shifts in B-class MADS box gene expression. Development Genes and Evolution, 2012, 222, 19-28.	0.9	15
52	Characterization of 35 novel microsatellite loci for ecological and evolutionary studies of the bluntnose minnow (Pimephales notatus). Molecular Ecology Resources, 2009, 9, 864-867.	4.8	1
53	Characterization of 32 novel microsatellite loci for population and mating system studies using Campostoma anomalum (central stoneroller). Molecular Ecology Resources, 2009, 9, 251-254.	4.8	2
54	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 May 2009â€“31 July 2009. Molecular Ecology Resources, 2009, 9, 1460-1466.	4.8	128

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55	Twentyâ€three microsatellite DNA loci for population genetic studies and parentage assignment in orangethroat darter, Etheostoma spectabile. Molecular Ecology Resources, 2008, 8, 1483-1485.	4.8	10
56	Genetic Structure of Creek Chub, a Headwater Minnow, in an Impounded River System. Transactions of the American Fisheries Society, 2008, 137, 962-975.	1.4	26