

Jacob B. Landis

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,386
citations

516215

16
h-index

395343

33
g-index

66
all docs

66
docs citations

66
times ranked

1964
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of whole-genome duplication events on diversification rates in angiosperms. <i>American Journal of Botany</i> , 2018, 105, 348-363.	0.8	270
2	The report of my death was an exaggeration: A review for researchers using microsatellites in the 21st century. <i>Applications in Plant Sciences</i> , 2016, 4, 1600025.	0.8	155
3	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 May 2009–31 July 2009. <i>Molecular Ecology Resources</i> , 2009, 9, 1460-1466.	2.2	128
4	Evolutionary Analysis of the MIXTA Gene Family Highlights Potential Targets for the Study of Cellular Differentiation. <i>Molecular Biology and Evolution</i> , 2013, 30, 526-540.	3.5	61
5	Gene-rich UV sex chromosomes harbor conserved regulators of sexual development. <i>Science Advances</i> , 2021, 7, .	4.7	53
6	Evolution of floral traits and impact of reproductive mode on diversification in the phlox family (Polemoniaceae). <i>Molecular Phylogenetics and Evolution</i> , 2018, 127, 878-890.	1.2	40
7	Plastome phylogenomic analysis of <i>Torreya</i> (Taxaceae). <i>Journal of Systematics and Evolution</i> , 2019, 57, 607-615.	1.6	35
8	Plastome phylogenomic study of Gentianeae (Gentianaceae): widespread gene tree discordance and its association with evolutionary rate heterogeneity of plastid genes. <i>BMC Plant Biology</i> , 2020, 20, 340.	1.6	35
9	Genomic insights into adaptation to heterogeneous environments for the ancient relictual <i>Circaea agrestis</i> (Circaeasteraceae, Ranunculales). <i>New Phytologist</i> , 2020, 228, 285-301.	3.5	34
10	A new resource for the development of SSR markers: Millions of loci from a thousand plant transcriptomes. <i>Applications in Plant Sciences</i> , 2016, 4, 1600024.	0.8	29
11	Plastome phylogenomics of the early-diverging eudicot family Berberidaceae. <i>Molecular Phylogenetics and Evolution</i> , 2018, 128, 203-211.	1.2	29
12	Genetic Structure of Creek Chub, a Headwater Minnow, in an Impounded River System. <i>Transactions of the American Fisheries Society</i> , 2008, 137, 962-975.	0.6	26
13	Phylogenomics of the genus <i>Glycine</i> sheds light on polyploid evolution and life-strategy transition. <i>Nature Plants</i> , 2022, 8, 233-244.	4.7	26
14	Comparative analysis of chloroplast genome structure and molecular dating in Myrtales. <i>BMC Plant Biology</i> , 2021, 21, 219.	1.6	25
15	Genome Sequencing of the Endangered <i>Kingdonia uniflora</i> (Circaeasteraceae, Ranunculales) Reveals Potential Mechanisms of Evolutionary Specialization. <i>IScience</i> , 2020, 23, 101124.	1.9	23
16	Geophytism in monocots leads to higher rates of diversification. <i>New Phytologist</i> , 2020, 225, 1023-1032.	3.5	22
17	Phylogenetic patterns suggest frequent multiple origins of secondary metabolites across the seed-plant "tree of life". <i>National Science Review</i> , 2021, 8, nwa105.	4.6	22
18	The Phenotypic and Genetic Underpinnings of Flower Size in Polemoniaceae. <i>Frontiers in Plant Science</i> , 2015, 6, 1144.	1.7	21

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19	Comparative transcriptomic analysis of the evolution and development of flower size in <i>Saltugilia</i> (Polemoniaceae). <i>BMC Genomics</i> , 2017, 18, 475.	1.2	18
20	Development and Application of Transcriptome-Derived Microsatellites in <i>Actinidia eriantha</i> (Actinidiaceae). <i>Frontiers in Plant Science</i> , 2017, 8, 1383.	1.7	18
21	Plastome Evolution in <i>Dolomiaea</i> (Asteraceae, Cardueae) Using Phylogenomic and Comparative Analyses. <i>Frontiers in Plant Science</i> , 2020, 11, 376.	1.7	18
22	Revisiting floral fusion: the evolution and molecular basis of a developmental innovation. <i>Journal of Experimental Botany</i> , 2020, 71, 3390-3404.	2.4	17
23	Evolution of petaloid sepals independent of shifts in B-class MADS box gene expression. <i>Development Genes and Evolution</i> , 2012, 222, 19-28.	0.4	15
24	Differential Gene Expression with an Emphasis on Floral Organ Size Differences in Natural and Synthetic Polyploids of <i>Nicotiana tabacum</i> (Solanaceae). <i>Genes</i> , 2020, 11, 1097.	1.0	15
25	Plastome phylogenomics of <i>Cephalotaxus</i> (Cephalotaxaceae) and allied genera. <i>Annals of Botany</i> , 2021, 127, 697-708.	1.4	14
26	Migration through a Major Andean Ecogeographic Disruption as a Driver of Genetic and Phenotypic Diversity in a Wild Tomato Species. <i>Molecular Biology and Evolution</i> , 2021, 38, 3202-3219.	3.5	14
27	Macroevolutionary pattern of <i>Saussurea</i> (Asteraceae) provides insights into the drivers of radiating diversification. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211575.	1.2	14
28	High School Students' Learning and Perceptions of Phylogenetics of Flowering Plants. <i>CBE Life Sciences Education</i> , 2014, 13, 653-665.	1.1	13
29	Plastome structure and phylogenetic relationships of Styracaceae (Ericales). <i>Bmc Ecology and Evolution</i> , 2021, 21, 103.	0.7	13
30	Deciphering the Taxonomic Delimitation of <i>Ottelia acuminata</i> (Hydrocharitaceae) Using Complete Plastomes as Super-Barcodes. <i>Frontiers in Plant Science</i> , 2021, 12, 681270.	1.7	13
31	Transcriptomes of <i>Saussurea</i> (Asteraceae) Provide Insights into High-Altitude Adaptation. <i>Plants</i> , 2021, 10, 1715.	1.6	11
32	Phylogenomic and comparative analyses of <i>Rheum</i> (Polygonaceae, Polygonoideae). <i>Journal of Systematics and Evolution</i> , 2022, 60, 1229-1240.	1.6	11
33	Twenty-three microsatellite DNA loci for population genetic studies and parentage assignment in orangethroat darter, <i>Etheostoma spectabile</i> . <i>Molecular Ecology Resources</i> , 2008, 8, 1483-1485.	2.2	10
34	Unraveling the Spiraling Radiation: A Phylogenomic Analysis of Neotropical <i>Costus</i> L. <i>Frontiers in Plant Science</i> , 2020, 11, 1195.	1.7	10
35	The Complete Plastomes of Five Hemiparasitic Plants (<i>Osyris wightiana</i> , <i>Pyralaria edulis</i> , <i>Santalum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock Santalales. <i>Frontiers in Genetics</i> , 2020, 11, 597.	1.1	10
36	Effects of drainage reorganization on phytogeographic pattern in Sino-Himalaya. <i>Alpine Botany</i> , 2022, 132, 141-151.	1.1	10

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37	Hybridization and introgression are prevalent in Southern European <i>Erysimum</i> (Brassicaceae) species. <i>Annals of Botany</i> , 2023, 131, 171-184.	1.4	10
38	Early consequences of allopolyploidy alter floral evolution in <i>Nicotiana</i> (Solanaceae). <i>BMC Plant Biology</i> , 2019, 19, 162.	1.6	9
39	Elevational patterns of phylogenetic structure of angiosperms in a biodiversity hotspot in eastern Himalaya. <i>Diversity and Distributions</i> , 2022, 28, 2534-2548.	1.9	9
40	Demographic history and local adaptation of <i>Myriopholis dioica</i> (Asteraceae) provide insight on plant evolution in northern China flora. <i>Ecology and Evolution</i> , 2021, 11, 8000-8013.	0.8	8
41	Optical Sectioning and 3D Reconstructions as an Alternative to Scanning Electron Microscopy for Analysis of Cell Shape. <i>Applications in Plant Sciences</i> , 2015, 3, 1400112.	0.8	7
42	Molecular Phylogeography and Ecological Niche Modeling of <i>Sibbaldia procumbens</i> s.l. (Rosaceae). <i>Frontiers in Genetics</i> , 2019, 10, 201.	1.1	7
43	Nuclear and plastid phylogenomic analyses provide insights into the reticulate evolution, species delimitation, and biogeography of the Sino-Japanese disjunctive <i>Diabelia</i> (Caprifoliaceae). <i>Journal of Systematics and Evolution</i> , 2022, 60, 1331-1343.	1.6	7
44	Phylogenomic analyses of the East Asian endemic <i>Abelia</i> (Caprifoliaceae) shed insights into the temporal and spatial diversification history with widespread hybridization. <i>Annals of Botany</i> , 2022, 129, 201-216.	1.4	7
45	Molecular phylogeography and species distribution modelling evidence of "oceanic" adaptation for <i>Actinidia eriantha</i> with a refugium along the oceanic-continental gradient in a biodiversity hotspot. <i>BMC Plant Biology</i> , 2022, 22, 89.	1.6	6
46	Plastome Phylogenomic and Biogeographical Study on <i>Thuja</i> (Cupressaceae). <i>BioMed Research International</i> , 2020, 2020, 1-13.	0.9	5
47	Phylogeography and population genetics reveal ring species patterns in a highly polymorphic California lily. <i>Journal of Biogeography</i> , 2022, 49, 416-430.	1.4	5
48	Genome Skimming Contributes to Clarifying Species Limits in Paris Section <i>Axiparis</i> (Melanthiaceae). <i>Frontiers in Plant Science</i> , 2022, 13, 832034.	1.7	5
49	Measuring hidden phenotype: quantifying the shape of barley seeds using the Euler characteristic transform. <i>In Silico Plants</i> , 2022, 4, .	0.8	5
50	Circumscription of the <i>Sibbaldia procumbens</i> complex (Potentillaeae: Rosaceae) in China based on evidence from simple sequence repeat markers and morphology. <i>Botanical Journal of the Linnean Society</i> , 2019, 191, 305-314.	0.8	3
51	Genetic and morphological differentiation in <i>Washingtonia</i> (Arecaceae): solving a century-old palm mystery. <i>Botanical Journal of the Linnean Society</i> , 2021, 196, 506-523.	0.8	3
52	Characterization of 32 novel microsatellite loci for population and mating system studies using <i>Campostoma anomalum</i> (central stoneroller). <i>Molecular Ecology Resources</i> , 2009, 9, 251-254.	2.2	2
53	Characterization of 35 novel microsatellite loci for ecological and evolutionary studies of the bluntnose minnow (<i>Pimephales notatus</i>). <i>Molecular Ecology Resources</i> , 2009, 9, 864-867.	2.2	1
54	Complete plastome sequence of <i>Xylosma longifolia</i> Clos. (Salicaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 1085-1086.	0.2	1

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55	Western Tethys origin, tropical Asia and tropical America disjunction in <i>Berchemia</i> and reinstatement of <i>Phyllogeiton</i> (Rhamnaceae, Rhamnaceae). <i>Taxon</i> , 2021, 70, 515-525.	0.4	1
56	Extinction risk in vascular plants and vertebrates is negatively correlated with family size. <i>Global Ecology and Conservation</i> , 2021, 30, e01781.	1.0	1