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	Impact of wholeâ€genome duplication events on diversification rates in angiosperms. American Journal of Botany, 2018, 105, 348-363.	1.7	270
2	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
3	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
4	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
5	Gene-rich UV sex chromosomes harbor conserved regulators of sexual development. Science Advances, 2021, 7, .	10.3	53
6	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
7	Plastome phylogenomic analysis of Torreya (Taxaceae). Journal of Systematics and Evolution, 2019, 57, 607-615.	3.1	35
8	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
9	Genomic insights into adaptation to heterogeneous environments for the ancient relictual Circaeaster agrestis (Circaeasteraceae, Ranunculales). New Phytologist, 2020, 228, 285-301.	7.3	34
10	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
11	Plastome phylogenomics of the early-diverging eudicot family Berberidaceae. Molecular Phylogenetics and Evolution, 2018, 128, 203-211.	2.7	29
12	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
13	Phylogenomics of the genus Glycine sheds light on polyploid evolution and life-strategy transition. Nature Plants, 2022, 8, 233-244.	9.3	26
14	Comparative analysis of chloroplast genome structure and molecular dating in Myrtales. BMC Plant Biology, 2021, 21, 219.	3.6	25
15	Genome Sequencing of the Endangered Kingdonia uniflora (Circaeasteraceae, Ranunculales) Reveals Potential Mechanisms of Evolutionary Specialization. IScience, 2020, 23, 101124.	4.1	23
16	Geophytism in monocots leads to higher rates of diversification. New Phytologist, 2020, 225, 1023-1032.	7.3	22
17	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
18	The Phenotypic and Genetic Underpinnings of Flower Size in Polemoniaceae. Frontiers in Plant Science, 2015, 6, 1144.	3.6	21

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19	Comparative transcriptomic analysis of the evolution and development of flower size in Saltugilia (Polemoniaceae). BMC Genomics, 2017, 18, 475.	2.8	18
20	Development and Application of Transcriptome-Derived Microsatellites in Actinidia eriantha (Actinidiaceae). Frontiers in Plant Science, 2017, 8, 1383.	3.6	18
21	Plastome Evolution in Dolomiaea (Asteraceae, Cardueae) Using Phylogenomic and Comparative Analyses. Frontiers in Plant Science, 2020, 11, 376.	3.6	18
22	Revisiting floral fusion: the evolution and molecular basis of a developmental innovation. Journal of Experimental Botany, 2020, 71, 3390-3404.	4.8	17
23	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
24	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
25	Plastome phylogenomics of Cephalotaxus (Cephalotaxaceae) and allied genera. Annals of Botany, 2021, 127, 697-708.	2.9	14
26	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
27	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
28	High School Studentsâ€™ Learning and Perceptions of Phylogenetics of Flowering Plants. CBE Life Sciences Education, 2014, 13, 653-665.	2.3	13
29	Plastome structure and phylogenetic relationships of Styracaceae (Ericales). Bmc Ecology and Evolution, 2021, 21, 103.	1.6	13
30	Deciphering the Taxonomic Delimitation of Ottelia acuminata (Hydrocharitaceae) Using Complete Plastomes as Super-Barcodes. Frontiers in Plant Science, 2021, 12, 681270.	3.6	13
31	Transcriptomes of Saussurea (Asteraceae) Provide Insights into High-Altitude Adaptation. Plants, 2021, 10, 1715.	3.5	11
32	Phylogenomic and comparative analyses of Rheum (Polygonaceae, Polygonoideae). Journal of Systematics and Evolution, 2022, 60, 1229-1240.	3.1	11
33	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
34	Unraveling the Spiraling Radiation: A Phylogenomic Analysis of Neotropical Costus L. Frontiers in Plant Science, 2020, 11, 1195.	3.6	10
35	The Complete Plastomes of Five Hemiparasitic Plants (Osyris wightiana, Pyrularia edulis, Santalum) Tj ETQq1 1 0.784314 rgBT /Overlo Santalales. Frontiers in Genetics, 2020, 11, 597.	2.3	10
36	Effects of drainage reorganization on phytogeographic pattern in Sino-Himalaya. Alpine Botany, 2022, 132, 141-151.	2.4	10

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37	Hybridization and introgression are prevalent in Southern European Erysimum (Brassicaceae) species. Annals of Botany, 2023, 131, 171-184.	2.9	10
38	Early consequences of allopolyploidy alter floral evolution in Nicotiana (Solanaceae). BMC Plant Biology, 2019, 19, 162.	3.6	9
39	Elevational patterns of phylogenetic structure of angiosperms in a biodiversity hotspot in eastern Himalaya. Diversity and Distributions, 2022, 28, 2534-2548.	4.1	9
40	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
41	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
42	Molecular Phylogeography and Ecological Niche Modeling of Sibbaldia procumbens s.l. (Rosaceae). Frontiers in Genetics, 2019, 10, 201.	2.3	7
43	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
44	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
45	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
46	Plastome Phylogenomic and Biogeographical Study on Thuja (Cupressaceae). BioMed Research International, 2020, 2020, 1-13.	1.9	5
47	Phylogeography and population genetics reveal ring species patterns in a highly polymorphic California lily. Journal of Biogeography, 2022, 49, 416-430.	3.0	5
48	Genome Skimming Contributes to Clarifying Species Limits in Paris Section Axiparis (Melanthiaceae). Frontiers in Plant Science, 2022, 13, 832034.	3.6	5
49	Measuring hidden phenotype: quantifying the shape of barley seeds using the Euler characteristic transform. In Silico Plants, 2022, 4, .	1.9	5
50	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
51	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
52	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
53	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
54	Complete plastome sequence of Xylosma longifolia Clos. (Salicaceae). Mitochondrial DNA Part B: Resources, 2021, 6, 1085-1086.	0.4	1

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55	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
56	Extinction risk in vascular plants and vertebrates is negatively correlated with family size. Global Ecology and Conservation, 2021, 30, e01781.	2.1	1