Daniel L Nickrent

List of Publications by Year
in descending order

87 papers	5,961 citations	101535 36 h-index	79691 73 g-index
93 all docs	93 docs citations	93 times ranked	4896 citing authors

#	Article	IF	Citations
1	Global exchange and accumulation of non-native plants. Nature, 2015, 525, 100-103.	27.8	746
2	Angiosperm Phylogeny Inferred from 18S Ribosomal DNA Sequences. Annals of the Missouri Botanical Garden, 1997, 84, 1.	1.3	365
3	Naturalized alien flora of the world. Preslia, 2017, 89, 203-274.	2.8	350
4	Multigene Phylogeny of Land Plants with Special Reference to Bryophytes and the Earliest Land Plants. Molecular Biology and Evolution, 2000, 17, 1885-1895.	8.9	225
5	Mistletoes: Pathology, Systematics, Ecology, and Management. Plant Disease, 2008, 92, 988-1006.	1.4	220
6	A revised classification of Santalales. Taxon, 2010, 59, 538-558.	0.7	211
7	Vegetative and reproductive innovations of early land plants: implications for a unified phylogeny. Philosophical Transactions of the Royal Society B: Biological Sciences, 2000, 355, 769-793.	4.0	199
8	The Global Naturalized Alien Flora (Glo<scp>NAF</scp>) database. Ecology, 2019, 100, e02542.	3.2	189
9	Possible Loss of the Chloroplast Genome in the Parasitic Flowering Plant Rafflesia lagascae (Rafflesiaceae). Molecular Biology and Evolution, 2014, 31, 793-803.	8.9	183
10	Parasitic angiosperms: How often and how many?. Taxon, 2020, 69, 5-27.	0.7	154
11	Molecular Phylogenetic and Evolutionary Studies of Parasitic Plants. , 1998, , 211-241.		136
12	Floral Gigantism in Rafflesiaceae. Science, 2007, 315, 1812-1812.	12.6	121
13	Evolutionary relationships in the showy mistletoe family (Loranthaceae). American Journal of Botany, 2008, 95, 1015-1029.	1.7	117
14	A Molecular Phylogeny of Santalaceae (Santalales). Systematic Botany, 2008, 33, 107-116.	0.5	115
15	High rates of nucleotide substitution in nuclear small-subunit (18S) rDNA from holoparasitic flowering plants. Journal of Molecular Evolution, 1994, 39, 62-70.	1.8	110
16	Phylogenetic relationships of land plants using mitochondrial smallâ€subunit rDNA sequences. American Journal of Botany, 1999, 86, 372-386.	1.7	110
17	Phylogenetic inference in Rafflesiales: the influence of rate heterogeneity and horizontal gene transfer. BMC Evolutionary Biology, 2004, 4, 40.	3.2	110
18	Developmental failure and loss of reproductive capacity in the rare palaeoendemic shrub Dedeckera eurekensis. Nature, 1989, 338, 65-67.	27.8	108

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19	The phylogeny of land plants inferred from 18S rDNA sequences: pushing the limits of rDNA signal?. Molecular Biology and Evolution, 1999, 16, 1774-1784.	8.9	103
20	A molecular phylogeny of Arceuthobium (Viscaceae) based on nuclear ribosomal DNA internal transcribed spacer sequences. American Journal of Botany, 1994, 81, 1149-1160.	1.7	102
21	Molecular data place Hydnoraceae with Aristolochiaceae. American Journal of Botany, 2002, 89, 1809-1817.	1.7	102
22	Competitive relationships of Andropogon gerardii (Big Bluestem) from remnant and restored native populations and select cultivated varieties. Functional Ecology, 2004, 18, 451-457.	3.6	99
23	A Comparison of Angiosperm Phylogenies from Nuclear 18S rDNA and rbcL Sequences. Annals of the Missouri Botanical Garden, 1995, 82, 208.	1.3	95
24	The first mistletoes: Origins of aerial parasitism in Santalales. Molecular Phylogenetics and Evolution, 2008, 47, 523-537.	2.7	88
25	Phylogenetic relationships of Santalales with insights into the origins of holoparasitic Balanophoraceae. Taxon, 2015, 64, 491-506.	0.7	78
26	Conservation genetics of two co-dominant grass species in an endangered grassland ecosystem. Journal of Applied Ecology, 2004, 41, 389-397.	4.0	73
27	An overview of the secondary structure of the V4 region of eukaryotic small-subunit ribosomal RNA. Nucleic Acids Research, 1991, 19, 227-235.	14.5	67
28	Discovery of the photosynthetic relatives of the "Maltese mushroom" Cynomorium. BMC Evolutionary Biology, 2005, 5, 38.	3.2	66
29	Do nonasterid holoparasitic flowering plants have plastid genomes?. Plant Molecular Biology, 1997, 34, 717-729.	3.9	58
30	Random amplified polymorphic DNA variation among remnant big bluestem (Andropogon gerardii) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.9	54
31	Genetic Diversity and Competitive Abilities of Dalea purpurea (Fabaceae) from Remnant and Restored Grasslands. International Journal of Plant Sciences, 2002, 163, 979-990.	1.3	53
32	Molecular Phylogenetic Relationships of Olacaceae and Related Santalales. Systematic Botany, 2008, 33, 97-106.	0.5	49
33	Phylogenetic relationships of the Santalales and relatives. Journal of Molecular Evolution, 1990, 31, 294-301.	1.8	47
34	Historical biogeography of Loranthaceae (Santalales): Diversification agrees with emergence of tropical forests and radiation of songbirds. Molecular Phylogenetics and Evolution, 2018, 124, 199-212.	2.7	47
35	A Molecular Phylogeny of Arceuthobium (Viscaceae) Based on Nuclear Ribosomal DNA Internal Transcribed Spacer Sequences. American Journal of Botany, 1994, 81, 1149.	1.7	45
36	A phylogeny of all species of Arceuthobium (Viscaceae) using nuclear and chloroplast DNA sequences. American Journal of Botany, 2004, 91, 125-138.	1.7	45

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37	Phylogenetic relationships and ecological speciation in the mistletoe Tristerix (Loranthaceae): the influence of pollinators, dispersers, and hosts. American Journal of Botany, 2007, 94, 558-567.	1.7	45
38	Electrophoretic evidence for genetic differentiation in two host races of hemlock dwarf mistletoe (Arceuthobium tsugense). Biochemical Systematics and Ecology, 1990, 18, 267-280.	1.3	36
39	Using Local Seeds in Prairie RestorationData Support the Paradigm. Native Plants Journal, 2005, 6, 25-28.	0.2	35
40	From field to film: rapid sequencing methods for field-collected plant species. BioTechniques, 1994, 16, 470-5.	1.8	35
41	A Morphological Cladistic Analysis of Olacaceae. Systematic Botany, 2004, 29, 569-586.	0.5	33
42	Comparative floral structure and systematics in Apodanthaceae (Rafflesiales). Plant Systematics and Evolution, 2004, 245, 119.	0.9	33
43	Structural analyses of plastid-derived 16S rRNAs in holoparasitic angiosperms. Plant Molecular Biology, 1997, 34, 731-743.	3.9	31
44	Population structure and phylogeography of the mistletoesTristerix corymbosusandT. aphyllus(Loranthaceae) using chloroplast DNA sequence variation. American Journal of Botany, 2009, 96, 1571-1580.	1.7	31
45	Genetic Variability in the Federal Threatened Mead's Milkweed, Asclepias meadii Torrey (Asclepiadaceae), as Determined by Allozyme Electrophoresis. Annals of the Missouri Botanical Garden, 1998, 85, 97.	1.3	30
46	Development and morphology of flowers and inflorescences in Balanophora papuana and B. elongata (Balanophoraceae). American Journal of Botany, 2009, 96, 1055-1067.	1.7	30
47	Expression of ovule and integumentâ€associated genes in reduced ovules of Santalales. Evolution & Development, 2010, 12, 231-240.	2.0	28
48	Untangling a vine and its parasite: Host specificity of Philippine Rafflesia (Rafflesiaceae). Taxon, 2016, 65, 739-758.	0.7	27
49	Inflorescence evolution in Santalales: integrating morphological characters and molecular phylogenetics. American Journal of Botany, 2019, 106, 402-414.	1.7	27
50	Characterization of Mitochondrial Small-Subunit Ribosomal RNAs from Holoparasitic Plants. Journal of Molecular Evolution, 1997, 45, 631-639.	1.8	26
51	Cytinaceae are sister to Muntingiaceae (Malvales). Taxon, 2007, 56, 1129-1135.	0.7	25
52	On the Brink of Holoparasitism: Plastome Evolution in Dwarf Mistletoes (Arceuthobium, Viscaceae). Journal of Molecular Evolution, 2009, 68, 603-615.	1.8	25
53	Allozymic relationships of Arceuthobium campylopodum and allies in California. Biochemical Systematics and Ecology, 1990, 18, 253-265.	1.3	24
54	Rafflesia verrucosa (Rafflesiaceae), a new species of small-flowered Rafflesia from eastern Mindanao, Philippines. Phytotaxa, 2010, 10, 49.	0.3	23

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55	The nuclear ribosomal DNA intergenic spacers of wild and cultivated soybean have low variation and cryptic subrepeats. Genome, 1998, 41, 183-192.	2.0	22
56	A Molecular Phylogeny of the Feathery Mistletoe Misodendrum. Systematic Botany, 2007, 32, 560-568.	0.5	21
57	Mt. Banahaw reveals: The resurrection and neotypification of the name Rafflesia lagascae (Rafflesiaceae) and clues to the dispersal of Rafflesia seeds. Phytotaxa, 2013, 131, 35.	0.3	21
58	Genetic Diversity and Structure in the Philippine Rafflesia lagascae Complex (Rafflesiaceae) inform its Taxonomic Delimitation and Conservation. Systematic Botany, 2017, 42, 543-553.	0.5	21
59	Extensive Intraindividual Variation in Plastid rDNA Sequences from the Holoparasite Cynomorium coccineum (Cynomoriaceae). Journal of Molecular Evolution, 2004, 58, 322-332.	1.8	20
60	Morphology, geographic distribution, and host preferences are poor predictors of phylogenetic relatedness in the mistletoe genus Viscum L.. Molecular Phylogenetics and Evolution, 2019, 131, 106-115.	2.7	20
61	A phylogenetic and biogeographic study of Rafflesia (Rafflesiaceae) in the Philippines: Limited dispersal and high island endemism. Molecular Phylogenetics and Evolution, 2019, 139, 106555.	2.7	19
62	Capsicum tovarii (Solanaceae), a New Species of Pepper from Peru. Brittonia, 1983, 35, 55.	0.2	16
63	An amended description of Rafflesia leonardi and a revised key to Philippine Rafflesia (Rafflesiaceae). Phytotaxa, 2011, 24, 11.	0.3	16
64	Lacomucinaea, a new monotypic genus in Thesiaceae (Santalales). Phytotaxa, 2015, 224, 173.	0.3	16
65	GENETIC POLYMORPHISM IN THE MORPHOLOGICALLY REDUCED DWARF MISTLETOES (ARCEUTHOBIUM,) Tj ETQq1 1 0.784314 rgB	1.7	15
66	Evolutionary History of the South American Mistletoe <I>Tripodanthus</I> (Loranthaceae) Using Nuclear and Plastid Markers. Systematic Botany, 2012, 37, 218-225.	0.5	14
67	Macroscale analysis of mistletoe host ranges in the Andeanâ€Patagonian forest. Plant Biology, 2019, 21, 150-156.	3.8	14
68	Genetic relationships in Arceuthobium monticola and A. siskiyouense (Viscaceae): New dwarf mistletoe species from california and oregon. Biochemical Systematics and Ecology, 1991, 19, 305-313.	1.3	12
69	Embryonic and host-associated skewed adult sex ratios in dwarf mistletoe. Heredity, 1996, 77, 55-63.	2.6	10
70	Plastome variation and phylogeny of Taxillus (Loranthaceae). PLoS ONE, 2021, 16, e0256345.	2.5	10
71	Thesium nautimontanum, a new species of Thesiaceae (Santalales) from South Africa. PhytoKeys, 2018, 109, 41-51.	1.0	10
72	Staufferia and Pilgerina: Two New Endemic Monotypic Arborescent Genera of Santalaceae from Madagascar¹. Annals of the Missouri Botanical Garden, 2008, 95, 391-404.	1.3	8

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73	Floral scent and pollinators of the holoparasite <i>Pilostyles thurberi</i> (Apodanthaceae). Journal of Pollination Ecology, 0, 12, 31-39.	0.5	8
74	The nuclear ribosomal DNA intergenic spacers of wild and cultivated soybean have low variation and cryptic subrepeats. Genome, 1998, 41, 183-92.	2.0	8
75	Embryo and seed abortion in plants. Nature, 1989, 342, 626-626.	27.8	7
76	Hondurodendron, a New Monotypic Genus of Aptandraceae from Honduras1. Annals of the Missouri Botanical Garden, 2010, 97, 457-467.	1.3	7
77	A Numerical Taxonomic Investigation of <I>Stipa</I> Sect. <I>Smirnovia</I> and <I>S.</I> Sect. <I>Subsmirnovia</I> (Poaceae). Systematic Botany, 2012, 37, 655-670.	0.5	7
78	Genetic diversity and population structure of the mistletoe Tristerix corymbosus (Loranthaceae). Plant Systematics and Evolution, 2014, 300, 153-162.	0.9	6
79	Examining the Needle in the Haystack: Evolutionary Relationships in the Mistletoe Genus Loranthus (Loranthaceae). Systematic Botany, 2021, 46, 403-415.	0.5	6
80	Genetic Polymorphism in the Morphologically Reduced Dwarf Mistletoes (Arceuthobium, Viscaceae): An Electrophoretic Study. American Journal of Botany, 1986, 73, 1492.	1.7	4
81	Lepeostegeres cebuensis (Loranthaceae), a new mistletoe species from Cebu, Philippines. Phytotaxa, 2016, 266, 48.	0.3	3
82	658. CYTINUS RUBER. Curtis's Botanical Magazine, 2010, 26, 314-321.	0.3	2
83	(1986) Proposal to conserve the name Viscum serotinum (Phoradendron serotinum) against V. leucarpum (Viscaceae). Taxon, 2010, 59, 1903-1904.	0.7	2
84	First Report of the Mistletoe Tristerix verticillatus on Schinus fasciculatus from the Sierra de San Luis, Argentina. Plant Disease, 2009, 93, 317-317.	1.4	2
85	The status of the mistletoe genus Dufrenoya Chatin (Amphorogynaceae) with a specific focus on Nepal. Flora: Morphology, Distribution, Functional Ecology of Plants, 2015, 215, 75-83.	1.2	1
86	Status of the Genera Colpoon, Osyris and Rhoiacarpos in South Africa. Bothalia, 2017, 47, .	0.3	1
87	Plant Systematics: A Phylogenetic Approach. Taxon, 2007, 56, 1316.	0.7	0