

# Daniel L Nickrent

## List of Publications by Year in descending order

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87  
papers

5,961  
citations

101543

36  
h-index

79698

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. <i>Nature</i> , 2015, 525, 100-103.	27.8	746
2	Angiosperm Phylogeny Inferred from 18S Ribosomal DNA Sequences. <i>Annals of the Missouri Botanical Garden</i> , 1997, 84, 1.	1.3	365
3	Naturalized alien flora of the world. <i>Preslia</i> , 2017, 89, 203-274.	2.8	350
4	Multigene Phylogeny of Land Plants with Special Reference to Bryophytes and the Earliest Land Plants. <i>Molecular Biology and Evolution</i> , 2000, 17, 1885-1895.	8.9	225
5	Mistletoes: Pathology, Systematics, Ecology, and Management. <i>Plant Disease</i> , 2008, 92, 988-1006.	1.4	220
6	A revised classification of Santalales. <i>Taxon</i> , 2010, 59, 538-558.	0.7	211
7	Vegetative and reproductive innovations of early land plants: implications for a unified phylogeny. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2000, 355, 769-793.	4.0	199
8	The Global Naturalized Alien Flora (GloNAF) database. <i>Ecology</i> , 2019, 100, e02542.	3.2	189
9	Possible Loss of the Chloroplast Genome in the Parasitic Flowering Plant <i>Rafflesia lagascae</i> (Rafflesiaceae). <i>Molecular Biology and Evolution</i> , 2014, 31, 793-803.	8.9	183
10	Parasitic angiosperms: How often and how many?. <i>Taxon</i> , 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. <i>Science</i> , 2007, 315, 1812-1812.	12.6	121
13	Evolutionary relationships in the showy mistletoe family (Loranthaceae). <i>American Journal of Botany</i> , 2008, 95, 1015-1029.	1.7	117
14	A Molecular Phylogeny of Santalaceae (Santalales). <i>Systematic Botany</i> , 2008, 33, 107-116.	0.5	115
15	High rates of nucleotide substitution in nuclear small-subunit (18S) rDNA from holoparasitic flowering plants. <i>Journal of Molecular Evolution</i> , 1994, 39, 62-70.	1.8	110
16	Phylogenetic relationships of land plants using mitochondrial small subunit rDNA sequences. <i>American Journal of Botany</i> , 1999, 86, 372-386.	1.7	110
17	Phylogenetic inference in Rafflesiales: the influence of rate heterogeneity and horizontal gene transfer. <i>BMC Evolutionary Biology</i> , 2004, 4, 40.	3.2	110
18	Developmental failure and loss of reproductive capacity in the rare palaeoendemic shrub <i>Dedeckera eurekensis</i> . <i>Nature</i> , 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?. <i>Molecular Biology and Evolution</i> , 1999, 16, 1774-1784.	8.9	103
20	A molecular phylogeny of Arceuthobium (Viscaceae) based on nuclear ribosomal DNA internal transcribed spacer sequences. <i>American Journal of Botany</i> , 1994, 81, 1149-1160.	1.7	102
21	Molecular data place Hydnoraceae with Aristolochiaceae. <i>American Journal of Botany</i> , 2002, 89, 1809-1817.	1.7	102
22	Competitive relationships of <i>Andropogon gerardii</i> (Big Bluestem) from remnant and restored native populations and select cultivated varieties. <i>Functional Ecology</i> , 2004, 18, 451-457.	3.6	99
23	A Comparison of Angiosperm Phylogenies from Nuclear 18S rDNA and rbcL Sequences. <i>Annals of the Missouri Botanical Garden</i> , 1995, 82, 208.	1.3	95
24	The first mistletoes: Origins of aerial parasitism in Santalales. <i>Molecular Phylogenetics and Evolution</i> , 2008, 47, 523-537.	2.7	88
25	Phylogenetic relationships of Santalales with insights into the origins of holoparasitic Balanophoraceae. <i>Taxon</i> , 2015, 64, 491-506.	0.7	78
26	Conservation genetics of two co-dominant grass species in an endangered grassland ecosystem. <i>Journal of Applied Ecology</i> , 2004, 41, 389-397.	4.0	73
27	An overview of the secondary structure of the V4 region of eukaryotic small-subunit ribosomal RNA. <i>Nucleic Acids Research</i> , 1991, 19, 227-235.	14.5	67
28	Discovery of the photosynthetic relatives of the "Maltese mushroom" <i>Cynomorium</i> . <i>BMC Evolutionary Biology</i> , 2005, 5, 38.	3.2	66
29	Do nonasterid holoparasitic flowering plants have plastid genomes?. <i>Plant Molecular Biology</i> , 1997, 34, 717-729.	3.9	58
30	Random amplified polymorphic DNA variation among remnant big bluestem ( <i>Andropogon gerardii</i> ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	3.9	54
31	Genetic Diversity and Competitive Abilities of <i>Dalea purpurea</i> (Fabaceae) from Remnant and Restored Grasslands. <i>International Journal of Plant Sciences</i> , 2002, 163, 979-990.	1.3	53
32	Molecular Phylogenetic Relationships of Olacaceae and Related Santalales. <i>Systematic Botany</i> , 2008, 33, 97-106.	0.5	49
33	Phylogenetic relationships of the Santalales and relatives. <i>Journal of Molecular Evolution</i> , 1990, 31, 294-301.	1.8	47
34	Historical biogeography of Loranthaceae (Santalales): Diversification agrees with emergence of tropical forests and radiation of songbirds. <i>Molecular Phylogenetics and Evolution</i> , 2018, 124, 199-212.	2.7	47
35	A Molecular Phylogeny of Arceuthobium (Viscaceae) Based on Nuclear Ribosomal DNA Internal Transcribed Spacer Sequences. <i>American Journal of Botany</i> , 1994, 81, 1149.	1.7	45
36	A phylogeny of all species of <i>Arceuthobium</i> (Viscaceae) using nuclear and chloroplast DNA sequences. <i>American Journal of Botany</i> , 2004, 91, 125-138.	1.7	45

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37	Phylogenetic relationships and ecological speciation in the mistletoe <i>Tristerix</i> (Loranthaceae): the influence of pollinators, dispersers, and hosts. <i>American Journal of Botany</i> , 2007, 94, 558-567.	1.7	45
38	Electrophoretic evidence for genetic differentiation in two host races of hemlock dwarf mistletoe ( <i>Arceuthobium tsugense</i> ). <i>Biochemical Systematics and Ecology</i> , 1990, 18, 267-280.	1.3	36
39	Using Local Seeds in Prairie Restoration Data Support the Paradigm. <i>Native Plants Journal</i> , 2005, 6, 25-28.	0.2	35
40	From field to film: rapid sequencing methods for field-collected plant species. <i>BioTechniques</i> , 1994, 16, 470-5.	1.8	35
41	A Morphological Cladistic Analysis of Olacaceae. <i>Systematic Botany</i> , 2004, 29, 569-586.	0.5	33
42	Comparative floral structure and systematics in Apodanthaceae (Rafflesiales). <i>Plant Systematics and Evolution</i> , 2004, 245, 119.	0.9	33
43	Structural analyses of plastid-derived 16S rRNAs in holoparasitic angiosperms. <i>Plant Molecular Biology</i> , 1997, 34, 731-743.	3.9	31
44	Population structure and phylogeography of the mistletoes <i>Tristerix corymbosus</i> and <i>T. aphyllus</i> (Loranthaceae) using chloroplast DNA sequence variation. <i>American Journal of Botany</i> , 2009, 96, 1571-1580.	1.7	31
45	Genetic Variability in the Federal Threatened Mead's Milkweed, <i>Asclepias meadii</i> Torrey (Asclepiadaceae), as Determined by Allozyme Electrophoresis. <i>Annals of the Missouri Botanical Garden</i> , 1998, 85, 97.	1.3	30
46	Development and morphology of flowers and inflorescences in <i>Balanophora papuana</i> and <i>B. elongata</i> (Balanophoraceae). <i>American Journal of Botany</i> , 2009, 96, 1055-1067.	1.7	30
47	Expression of ovule and integument-associated genes in reduced ovules of Santalales. <i>Evolution &amp; Development</i> , 2010, 12, 231-240.	2.0	28
48	Untangling a vine and its parasite: Host specificity of Philippine <i>Rafflesia</i> (Rafflesiaceae). <i>Taxon</i> , 2016, 65, 739-758.	0.7	27
49	Inflorescence evolution in Santalales: integrating morphological characters and molecular phylogenetics. <i>American Journal of Botany</i> , 2019, 106, 402-414.	1.7	27
50	Characterization of Mitochondrial Small-Subunit Ribosomal RNAs from Holoparasitic Plants. <i>Journal of Molecular Evolution</i> , 1997, 45, 631-639.	1.8	26
51	Cytinaceae are sister to Muntingiaceae (Malvales). <i>Taxon</i> , 2007, 56, 1129-1135.	0.7	25
52	On the Brink of Holoparasitism: Plastome Evolution in Dwarf Mistletoes ( <i>Arceuthobium</i> , Viscaceae). <i>Journal of Molecular Evolution</i> , 2009, 68, 603-615.	1.8	25
53	Allozymic relationships of <i>Arceuthobium campylopodum</i> and allies in California. <i>Biochemical Systematics and Ecology</i> , 1990, 18, 253-265.	1.3	24
54	<i>Rafflesia verrucosa</i> (Rafflesiaceae), a new species of small-flowered <i>Rafflesia</i> from eastern Mindanao, Philippines. <i>Phytotaxa</i> , 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. <i>Genome</i> , 1998, 41, 183-192.	2.0	22
56	A Molecular Phylogeny of the Feathery Mistletoe <i>Misodendrum</i> . <i>Systematic Botany</i> , 2007, 32, 560-568.	0.5	21
57	Mt. Banahaw reveals: The resurrection and neotypification of the name <i>Rafflesia lagascae</i> (Rafflesiaceae) and clues to the dispersal of <i>Rafflesia</i> seeds. <i>Phytotaxa</i> , 2013, 131, 35.	0.3	21
58	Genetic Diversity and Structure in the Philippine <i>Rafflesia lagascae</i> Complex (Rafflesiaceae) inform its Taxonomic Delimitation and Conservation. <i>Systematic Botany</i> , 2017, 42, 543-553.	0.5	21
59	Extensive Intraindividual Variation in Plastid rDNA Sequences from the Holoparasite <i>Cynomorium coccineum</i> (Cynomoriaceae). <i>Journal of Molecular Evolution</i> , 2004, 58, 322-332.	1.8	20
60	Morphology, geographic distribution, and host preferences are poor predictors of phylogenetic relatedness in the mistletoe genus <i>Viscum</i> L.. <i>Molecular Phylogenetics and Evolution</i> , 2019, 131, 106-115.	2.7	20
61	A phylogenetic and biogeographic study of <i>Rafflesia</i> (Rafflesiaceae) in the Philippines: Limited dispersal and high island endemism. <i>Molecular Phylogenetics and Evolution</i> , 2019, 139, 106555.	2.7	19
62	<i>Capsicum tovarii</i> (Solanaceae), a New Species of Pepper from Peru. <i>Brittonia</i> , 1983, 35, 55.	0.2	16
63	An amended description of <i>Rafflesia leonardi</i> and a revised key to Philippine <i>Rafflesia</i> (Rafflesiaceae). <i>Phytotaxa</i> , 2011, 24, 11.	0.3	16
64	<i>Lacomucinaea</i> , a new monotypic genus in Thesiaceae (Santalales). <i>Phytotaxa</i> , 2015, 224, 173.	0.3	16
65	GENETIC POLYMORPHISM IN THE MORPHOLOGICALLY REDUCED DWARF MISTLETOES ( <i>ARCEUTHOBIUM</i> ,) Tj ETQq1,1 0.784314 rgBT / 1.7 15	1.7	15
66	Evolutionary History of the South American Mistletoe & Tripodanthus (Loranthaceae) Using Nuclear and Plastid Markers. <i>Systematic Botany</i> , 2012, 37, 218-225.	0.5	14
67	Macroscale analysis of mistletoe host ranges in the Andean Patagonian forest. <i>Plant Biology</i> , 2019, 21, 150-156.	3.8	14
68	Genetic relationships in <i>Arceuthobium monticola</i> and <i>A. siskiyouense</i> (Viscaceae): New dwarf mistletoe species from California and Oregon. <i>Biochemical Systematics and Ecology</i> , 1991, 19, 305-313.	1.3	12
69	Embryonic and host-associated skewed adult sex ratios in dwarf mistletoe. <i>Heredity</i> , 1996, 77, 55-63.	2.6	10
70	Plastome variation and phylogeny of <i>Taxillus</i> (Loranthaceae). <i>PLoS ONE</i> , 2021, 16, e0256345.	2.5	10
71	<i>Thesium nautimontanum</i> , a new species of Thesiaceae (Santalales) from South Africa. <i>PhytoKeys</i> , 2018, 109, 41-51.	1.0	10
72	<i>Staufferia</i> and <i>Pilgerina</i> : Two New Endemic Monotypic Arborescent Genera of Santalaceae from Madagascar <sup>1</sup> . <i>Annals of the Missouri Botanical Garden</i> , 2008, 95, 391-404.	1.3	8

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